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# *GPU v. B&W* Lawsuit Review and Its Effect on TMI-1

*General Public Utilities Corporation, et al. v.  
The Babcock & Wilcox Company, et al.*  
Three Mile Island Nuclear Station Unit 1  
Docket 50-289

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**U.S. Nuclear Regulatory  
Commission**

Office of Nuclear Reactor Regulation



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## Introduction

Volume II of the GPU v. B&W lawsuit review contains four appendices supporting the review of the GPU v. B&W lawsuit discussed in Volume I of this report.

As outlined in the Background section of Volume I under (3) "Review Method Utilized by the Staff," the GPU v. B&W lawsuit review was partitioned into 10 categories. These categories are as follows:

- 1 Operator Training
- 2 Procedures
- 3 Operating Experience
- 4 Licensee Qualification
- 5 Quality Assurance and Maintenance
- 6 Equipment and System Design and Function
- 7 Accident Analysis
- 8 Radiation Protection
- 9 Emergency Planning
- 10 Management Competence/Integrity

The 154 certification items and the 19 long-term actions (hearing items or restart issues) resulting from Commission Orders and the hearing process were each placed in one or more of the 10 categories. There were no certification issues for Category 10 for the reasons given in the Background section of Volume I under (3) "Review Method Utilized by the Staff." The partitioning of certification issues according to category is shown in Appendix A, which consists of nine sections, A1 through A9, and Tables 1 and 2.

Appendix B consists of 10 sections, B1 through B10. Each section contains a computer listing of lawsuit documents that were determined to require further technical review in that category during the initial screening process. Each section of Appendix B is further divided into three headings as follows: trial testimony, depositions, and exhibits. Figure 1 contains a typical listing for each of these headings and provides an explanation of how to read the computer listing entries.

The trial testimony listing is in alphabetical order according to the surname of each witness. Where witnesses testified more than 1 day, each day's testimony is listed chronologically under the name of the witness. The testimony page numbers are in succession; that is, the trial transcript starts on page 1 and continues until page 7,424. There were 37 witnesses during the trial and the total number of trial testimony documents is 83.

The pretrial deposition listing also is in alphabetical order according to the surname of the deponent. Where individuals were deposed for more than 1 day, each day's deposition is listed chronologically under the deponent's name. Each individual's deposition begins with page 1 and continues for as many pages as it took to complete the deposition. Eighty-one individuals were deposed and the total number of deposition documents is 252.

The exhibit listing contains deposition and trial exhibits. The listing is by order of the exhibit number with all B&W exhibits appearing first, followed by the GPU exhibits. The exhibit appears under "Other document identification," see Item 14 of Figure 1. The numbering of the exhibits is as follows:

- (1) B&W deposition exhibits
  - 1-1024 series (754 documents, some numbers not used)
- (2) B&W trial exhibits or exhibits identified for use in trial but not used
  - 4000 series (81 documents) - B&W trial documents and visual aids
  - 5000 series (36 documents) - B&W tapes and transcripts of tapes
- (3) GPU deposition exhibits
  - 1-1021 (624 documents, some numbers not used)
- (4) GPU trial exhibits or exhibits identified for use in trial but not used
  - 2000 series (420 documents) - GPU trial documents
  - 3000 series (101 documents) - GPU visual aids
  - 6000 series (84 documents) - GPU tapes and transcripts of tapes

The trial exhibits consist of 2,100 numbered exhibits. In the majority of cases when a pretrial deposition exhibit was identified for use in the trial it retained its pretrial exhibit number.

Appendix C identifies the review categories (1 through 10) in which lawsuit documents were initially screened for further technical review. Not all documents were screened into one of the categories; a total of 720 documents were declared to be not applicable to this review effort. On the basis of the subject matter discussed in these 720 lawsuit documents, they were judged by the project managers during the screening process as not relevant to the review effort; therefore, no technical review was required. These documents are indicated by an "NA," which appears in the comment section of Appendix C. A computer printout listing of these documents appears in Appendix D.

Fifty-three other exhibits, which were either used in the trial or earmarked for possible use in the trial, were not obtained or screened by the NRC during this review process because they were either visual aids, models, or tape recordings. These documents are identified as such in the comment section of Appendix C. An additional 23 exhibits also were not reproduced or screened by the NRC during this review effort since these documents were already a matter of public record or were previously docketed material (e.g., the TMI-2 Final Safety Analysis Report). These documents are identified by the notation "Do not duplicate list" in the comment section of Appendix C. Four exhibits (GPU 2162, 2164, 2170, and 2180) could not be located by GPU and thus were not considered in this review.



TRIAL TESTIMONY LISTING

①
②
③
④  
 8307260457 Testimony of M. Derivan on 821103 in New York, NY. pp 397-537.  
②
⑤  
 DERIVAN, M. :Toledo Edison Co.  
 DATE ISS:82/11/03, 140pp. ,48x:19023-036,ODI: ,TN:GB02  
⑥
⑦
⑧
⑨
⑩

DEPOSITION LISTING

①
②
③  
 8307120726 Continued deposition of RC Arnold on 820701 in New York, NY.  
 pp. 288-471.  
②
④
⑤  
 ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
 DATE ISS:82/07/01, 184pp. ,48x:19465-070,ODI: ,TN:GB02  
⑥
⑦
⑧
⑨
⑩

EXHIBIT LISTING

①
⑪  
 8307020053 Discusses addl analysis of plant behavior during loss of  
 load & reactor trip transients, performed in response to  
 questions raised at 830203 meeting w/NRC. Proposed draft  
 ltr to B&W encl.  
⑫
⑬
⑤  
 FINK, R.L. :MPR Associates, Inc. }  
 FRITZEN, J. :Metropolitan Edison Co. }  
 DATE: ISS:75/03/12, 14pp. ,48x:19209-169,ODI:B&W 0156 ,TN:GB02  
⑥
⑦
⑧
⑨
⑭
⑩

- (1) NRC accession number (year, month, day, and sequence number of item)
- (2) Name of witness or deponent
- (3) Date witness testified or individual was deposed
- (4) Page number for trial testimony or deposition
- (5) Corporate, Agency, or other nonindividual source affiliation of witness, deponent or exhibit author or addressee
- (6) Date document was issued
- (7) Number of pages in document
- (8) Microfiche address (48x): Fiche card number followed by beginning frame number of document
- (9) Other document identification - A code in the document Information/Retrieval System. This code combined with the information that follows it, i.e., B&W 0156, will retrieve information on exhibit B&W 0156. Testimony or deposition information for this code is not available.
- (10) Category (for this sample listing, Category 2 appears)
- (11) Brief descriptions of exhibit
- (12) Author Name
- (13) Recipient Name
- (14) Exhibit number

Figure 1 Sample listings



**APPENDIX A**  
**HEARING ITEMS BY CATEGORY**



## Category 1 - Operator Training

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Hearing Item	Title
<hr/>	
Certification Item	
6	EFW Procedures
7	EFW Alignment
16	EFW Independent of ICS
18	Operator Retraining
28	Personnel Actions TMI-2
30	Natural Circulation
33	Manual Reactor Trip
37	RCP Trips
39	Operator Action - RCP Trips
40	Reactor Trip Training
41	Inadequate Core Cooling
53	Training of Operating Staff
66	Management and Technical Capability
69	Training for Mitigating Core Damage
70	Training Program Description
76	Inadequate Core Cooling
88	Shift Supervisor
99	TMI-2 Accident Training
100	Simulator Examinations
101	CRT Simulator
104	Emergency Director/Support Director Training
112	Computers - Operator Reliance
126	Training During Low Power Testing
133	Emergency Planning Health Physics Matters
137	Emergency Response Training
142	Major Employer Briefings
146	Operator Certification
147	Qualification of Instructors
151	Startup Test Program
Long-Term Action	
I.C.1 (LT-2)	Procedures for Transients and Accidents (ATOG)
I.A.1.1 (LT-3)	Shift Technical Advisor

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## Category 2 - Procedures

Hearing Item	Title
<b>Certification Item</b>	
6	EFW Procedures
7	EFW Alignment
11	Transfer of EFW Supply
16	EFW Independent of ICS
17	Small Break Analysis
21	Transient Procedures
22	Operating Procedures
24	EFW Valve Procedures
25	EFW Operability
26	Transfer of Containment Liquids
27	Safety System Operability
29	Prompt Reporting
30	Natural Circulation
31	Vessel Integrity
33	Manual Reactor Trip
35	Prompt Reporting
37	RCP Trips
39	Operator Action - RCP Trips
40	Reactor Trip Training
41	Inadequate Core Cooling
48	Trash Segregation
54	Facility Procedures
67	Safety Review
76	Inadequate Core Cooling
88	Shift Supervisor
90	Shift Turnover
108	Abnormal Transient Operating Guidelines
110	Connecting Pressurizer Heaters to Diesel - Procedures
112	Computers - Operator Reliance
117	Safety-System Status Panel - Administrative Controls
124	NSSS Vendor Review of Procedures
127	Pilot Monitoring of Selected Emergency Procedures
132	Ventilation Separation Program
134	Emergency Action Levels (EALs)
135	Alert EAL
150	Feedback of Operating Experience
<b>Long-Term Action</b>	
I.C.1 (LT-2)	Procedures for Transients and Accidents (ATOG)
II.F.2 (LT-3)	Instrumentation for Inadequate Core Cooling
I.A.1.1 (LT-3)	Shift Technical Advisor





Category 3 - Operating Experience

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Hearing  
Item

Title

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Certification Item

19	Accident Understanding
20	Plant Transient Review
63	Comparison of TMI-1 LERs with Industry-Wide Statistics

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Category 4 - Licensee Qualification

Hearing Item	Title
Certification Item	
18	Operator Retraining
53	Training of Operating Staff
54	Facility Procedures
55	Operational Quality Assurance Program
56	Plant Maintenance
57	Command and Administrative Structure Review
58	Operation and Technical Staff Qualifications Review
59	Radwaste Operator Qualifications
60	Finance and Technical Department Relationship
61	Qualifications of Safety Review Groups
62	Comparison of TMI-1 Infractions with Industry-wide Statistics
63	Comparison of TMI-1 LERs with Industry-wide Statistics
64	Review of Management Actions During the TMI-2 Accident
65	Technical Capability Review
66	Management and Technical Capability
67	Safety Review
68	Health Physics Qualifications Review
71	Inspector Views
88	Shift Supervisor
89	Shift Technical Advisor
91	Control Room Access
92	Onsite Technical Support Center
93	Onsite Operational Support Center
96	Overtime Policy
97	Independent Off-site Review Group
98	Category T
104	Emergency Director/Support Director Training
105	License Conditions for Shift Manning
106	Operating Information Management System
123	Evaluate Organization and Management Improvements
146	Operator Certification
147	Qualification of Instructors
148	Supervision of Start-up and Test Director
151	Start-up Test Program



Category 5 - Quality Assurance and Maintenance

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Hearing Item	Title
Certification Item	
10	Endurance Test
15	Cross-Tie Break
23	Valve Position Review
44	Gaseous Radwaste Leak Test
45	Fuel Handling Building Isolation
46	Fuel Handling Building Ventilation Modification
55	Operational Quality Assurance Program
56	Plant Maintenance
58	Operations and Technical Staff Qualifications Review
79	Integrity of Systems Outside Containment
95	Accuracy of Maintenance Records
111	Connecting Pressurizer Heater to Diesel-Demonstration
116	Safety-System Status Panel-Valve Lineup

Long-Term Action

II.F.1.3 (LT-3) High Range Radiation Monitors

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Category 6 - Equipment and System Design and Function

Hearing Item	Title
Certification Item	
1	Auto Initiation of EFW
2	EFW Valves Fail Open
3	Auto EFW Load on Diesels
5	EFW Flow Indication
8	EFW Auto-Start Annunciation
9	CST Level Alarm
10	Endurance Test
12	EFW to Intact OTSG
13	Auto EFW Protection on Loss of Water Source
14	EFW Initiation Independent of AC
23	Valve Positions Review
26	Transfer of Containment Liquids
32	PORV Setpoint
34	Anticipatory Reactor Trip
36	Tech Spec Changes
41	Inadequate Core Cooling
43	Liquid Radwaste
47	Hittman System
49	Monitoring System
50	Independent TMI-2 Sampling System
51	Liquid and Gaseous Radwaste Systems
72	Pressurizer Heaters
73	Pressurizer Level, Relief and Block Valves
74	Relief Valve Testing Program Description
75	Valve Position Indication
76	Inadequate Core Cooling
77	Containment Isolation
78	Dedicated Hydrogen Penetrations
80	Plant Shielding
81	EFW Auto-Initiation
82	EFW Flow Indication
83	Post-Accident Sampling H <sub>2</sub> Penetrations
84	Radiation Monitors
85	Gaseous Effluent Monitors
86	Radioiodine/Particulate Sampling
94	Human Factors Components
102	Replica Simulator
103	Contract for Basic Principles Trainer
107	Natural and Forced Circulation
109	Pressurizer Heaters
111	Connection Pressurizer Heaters to Diesel-Demonstration
113	Computers - Incore Thermocouple Backup
114	In-Plant Instrument Ranges - Effluent
115	In-Plant Instrument Range - Sampling

## Category 7 - Accident Analysis

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Hearing Item	Title
<hr/>	
Certification Item	
4	EFW Tech Specs
17	Small Break Analysis
19	Accident Understanding
30	Natural Circulation
31	Vessel Integrity
32	PORV Setpoint
34	Anticipatory Reactor Trip
36	Tech Spec Changes
37	RCP Trips
38	Small LOCA Analysis
41	Inadequate Core Cooling
76	Inadequate Core Cooling
81	EFW Auto Initiation
107	Natural and Forced Circulation
108	Abnormal Transients Operating Guidelines
119	Additional LOCA Analysis
130	Flood Level Calculations
136	Dose Projection
154	Subcooling Margin Instrument Error
Long-Term Action	
II.E.1.2 (LT-3)	AFW Initiation and Flow Indication
II.F.2 (LT-3)	Instrumentation for Inadequate Core Cooling
II.K.2.9 (LT-1)	ICS FMEA
II.K.3.30 (LT-3)	SB LOCA Methods
II.K.3.31 (LT-3)	SB LOCA Plant Unique Analysis

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## Category 8 - Radiation Protection

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Hearing  
Item

Title

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### Certification Item

26	Transfer of Containment Liquids
43	Liquid Radwaste
44	Gaseous Radwaste Leak Test
45	Fuel Handling Building Isolation
46	Fuel Handling Building Ventilation Modification
47	Hittman System
48	Trash Segregation
49	Monitoring System
50	Independent TMI-2 Sampling System
51	Liquid and Gaseous Radwaste Systems
52	Solid Radwaste System
68	Health Physics Qualifications Review
79	Integrity of Systems Outside Containment
80	Plant Shielding
83	Post-Accident Sampling
84	Radiation Monitors
85	Gaseous Effluent Monitors (Noble Gas)
86	Radioiodine/Particulate Sampling
87	Iodine Instrumentation
114	In-Plant Instrument Ranges - Effluent
115	In-Plant Instrument Range - Sampling
133	Emergency Planning Health Physics Matters

### Long-Term Action

II.B.2 (LT-3)	Plant Shielding
II.B.3 (LT-3)	Post-Accident Sampling

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Category 9 - Emergency Planning

---

Hearing Item	Title
Certification Item	
42	Emergency Preparedness
92	On-Site Technical Support Center
93	On-Site Operational Support Center
133	Emergency Planning Health Physics Matters
134	Emergency Action Levels (EALs)
135	Alert EAL
136	Dose Projection
137	Emergency Response Training
138	EOF Staffing Requirements
139	County and PEMA EP Brochure Review
140	EP Brochure
141	EP Brochures to Local Transients
142	Major Employer Briefings
143	Siren System Test
144	Communications Drill
145	School District Plans
149	Agricultural Brochure
152	Dauphin County Plan

Long-Term Action

III.A.1.2 (LT-3) Onsite Technical Support Center  
LT-4 Improvements in Emergency Preparedness

- (a) Modify emergency plans to address changing capabilities of plant instrumentation
  - (b) Extend the capability to take appropriate emergency actions for population around the site to a distance of ten miles
-



TABLE 1 RESTART CERTIFICATION ITEMS

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
<u>Commission Order of 8/9/79</u>					
<u>EFW Reliability</u>					
1	Auto Initiation of EFW	Provide automatic initiation of the motor driven EFW pumps on loss of both feedwater pumps or loss of four RCPS.(See also items 81 and 121).	NUREG-0680 Inspection Report (IR-80-26) IR-81-28 IR-82-01 IR-82-26	Complete. Test during power escalation testing (PET) to be implemented by license condition.	No (Reg. I) PET (9/83) Note 1
2	EFW Valves Fail Open	Modify the EFW control valves such that they fail open on loss of air.	NUREG-0680 IR-80-26 IR-81-22 IR-81-28 IR-82-01 IR-82-06	Complete	Yes
3	Auto EFW Load on Diesels	Provide automatic block loading of the motor driven EFW pumps on the diesel.	NUREG-0680 IR-80-26 IR-81-14 IR-81-28 IR-82-01 IR-82-26 IR-83-14	Complete	Yes
4	EFW Tech Specs	Incorporate EFW in the TMI-1 Technical Specifications per IE Bulletin 79-05A, Item 8 . Staff verify that EFW capacity Technical Specification requirements are in accordance with accident analyses.	License Amendment (AMD) 78. IR-81-17 IR-81-21 IR-83-14	Complete	Yes

A (Table 1)-1

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
5	EFW Flow Indication (Control Grade)	Provide indication in the control room of EFW flow to each steam generator. (See also item 82).	NUREG-0680 IR-82-17 IR-83-01 IR-83-02 IR-83-06	Licensee installing safety grade system per long-term requirement. Installed modification unsatisfactory, replacement modification pending (8/83). Estimate review completion 8/83 (NRR).	No (Reg. I) 9/83
6	EFW Procedures	Provide procedures and training to assure that EFW is available and properly applied when required. Procedures will identify the need to verify proper operation when EFW is initiated.	NUREG-0680	Complete	Yes
7	EFW Alignment	To assure that EFW will be aligned in a timely manner to inject on all EFW demand events when in surveillance test mode, procedures will be implemented and training conducted to provide an operator at the necessary location in communications with the control room during the surveillance mode to carry out alignment changes necessary upon EFW demand events.	NUREG-0680 IR-81-21	Complete	Yes
8	EFW Auto-Start Annunciation	Design review and modifications, as necessary, will be conducted to provide control room annunciation for all auto start conditions of the EFW system.	NUREG-0680 IR-81-28 IR-82-01	Complete	Yes
<u>Reliability Analysis</u>					
9	CST Level Alarm	Provide redundant level indication and control room alarms for the primary EFW system water supply.	NUREG-0680 IR-82-01 IR-82-19 IR-82-26	Complete	Yes

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
10	Endurance Test	Perform a 48-hour endurance test on all EFW system pumps.	IR-81-28	Complete	Yes
11	Transfer of EFW Supply	Revise emergency procedures to assure proper transfer of EFW supply to alternate sources when required.	NUREG-0680	Complete	Yes
12	EFW to Intact OTSG	Provide automatic termination of EFW flow to a depressurized steam generator and automatic supply to the intact steam generator. (See also item 122).	NUREG-0680	Complete	N/A Note 2
13	Auto EFW Protection on Loss of Water Source	Evaluate the need for automatic protection of EFW sytem pumps on loss of unprotected primary EFW system water source (following a seismic event or tornado).	NUREG-0680	Complete	N/A Note 2
14	EFW Initiation Independent of AC	Verify that EFW system initiation and operation is assured independent of alternating current power source for at least two hours.	NUREG-0680 IR-82-01 IR-83-19	Complete - Test during PET to be implemented by license condition.	No (Reg. 1) PET (9/83) Note 1
15	Cross-Tie Break	Perform volumetric nondestructive examination (NDE) of 10 welds in the EFW pump discharge lines.	IR-81-26 IR-82-19	Complete	Yes
16	EFW Independent of ICS	Develop and implement operating procedures for initiating and controlling EFW independent of Integrated Control System (ICS) control.	NUREG-0680 IR-81-22 IR-81-28 IR-82-03	Complete	Yes
17	Small Break Analysis	Complete analyses for potential small breaks and develop and implement operating instructions to define operator action.	NUREG-0680 IR-83-11	Complete	Yes

A (Table 1)-3

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
18	Operator Retraining	Augment the retraining of all Reactor Operators and Senior Reactor Operators assigned to the control room, including training in the areas of natural circulation and small break loss-of-coolant accidents, including revised procedures and the TMI-2 accident. All operators will also receive training at the B&W simulator on the TMI-2 accident and the licensee will conduct a 100 percent reexamination of all operators in these areas. NRC will administer complete examinations to all licensed personnel in accordance with 10 CFR 55.20-23.	NUREG-0680 Board Notification BN-82-21 of 3/5/82.	Complete	N/A Note 2
	<u>IE Bulletins</u>				
19	Accident Understanding	Review TMI-2 accident circumstances and chronology per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
20	Plant Transient Review	Review past transients and provide details of significant deviations from expected performance per IE Bulletin 79-05A.	NUREG-0680 IR-83-02	Complete	Yes
21	Transient Procedures	Review procedures for coping with transients and accidents per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
22	Operating Procedures	Review procedures to ensure operators do not override automatic ESF initiation per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
23	Valve Position Review	Perform a complete safety-related system valve lineup prior to plant restart. (See also item 116).	NUREG-0680	Perform verification at HFT (8/83)	No (Reg. 1) 9/83 Note 3

A (Table 1)-4



TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
24	EFW Valve Procedures	Prepare and implement procedures to assure critical EFW valves remain in the correct position.	NUREG-0680	Complete	Yes
25	EFW Operability	Prepare and implement procedures to assure operability of two 100% capacity EFW flow paths per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
26	Transfer of Containment Liquids	Review systems and procedures to assure that undesired inadvertent pumping of radioactive liquids and gases will not occur per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
27	Safety System Operability	Review and modify procedures to verify operability of safety systems prior to removing redundant systems from service per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
28	Personnel Actions TMI-2	Advise operating and maintenance personnel of the extreme seriousness and consequences of the simultaneous blocking of both auxiliary feedwater trains at the Three Mile Island Unit 2 plant and other actions taken during the early phases of the accident.	NUREG-0680	Complete	Yes
29	Prompt Reporting	Review prompt reporting procedures for NRC notification to assure very early notification of serious events.	NUREG-0680	Complete	Yes
30	Natural Circulation	Develop procedures and train personnel on methods of establishing and maintaining natural circulation per IE Bulletin 79-05B.	NUREG-0680	Complete	Yes
31	Vessel Integrity	Modify procedures of Item 22 above to consider vessel integrity per IE Bulletin 79-05B.	NUREG-0680	Complete	Yes

A (Table 1)-5

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
32	PORV Setpoint	Perform analyses and modifications to reduce the likelihood of PORV actuations during anticipated transients per IE Bulletin 79-05B.	NUREG-0680 AMD. 78 IR-81-21 IR-82-15 IR-83-09	Complete	Yes
33	Manual Reactor Trip	Provide procedures and training for prompt manual reactor trip for transients resulting in pressure increases per IE Bulletin 79-05B.	NUREG-0680	Complete	Yes
34	Anticipatory Reactor Trip	Provide for NRC approval a design review and schedule for implementation of a safety grade automatic anticipatory reactor scram for loss of feedwater, turbine trip or significant reduction in steam generator level . (IE Bulletin 79-05B).	NUREG-0680 AMD 78 IR-80-31 IR-81-03 IR-81-11 IR-81-21 IR-81-28 IR-82-06 IR-82-14 IR-82-26	Complete - Test during PET to be implemented by license condition.	No (Reg. I) PET (12/83) Note 1
35	Prompt Reporting	Review prompt reporting procedures to assure NRC is notified within one hour of the time the reactor is not in a controlled condition per IE Bulletin 79-05B.	NUREG-0680	Complete	Yes
36	Tech Spec Changes	Propose changes as required to those Technical Specifications which must be modified as a result of implementing IE Bulletin 79-05B.	AMD 78 IR-82-19	Complete	No (Reg. I) 8/83

A (Table 1)-6

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
37	RCP Trips	Upon reactor trip and initiation of HPI, immediately trip all RCPs. Provide two license operators to do this. (IE Bulletin 79-05C).	NUREG-0680	Complete	Yes
38	Small LOCA Analyses	Perform and submit a report of small LOCA analyses per IE Bulletin 79-05C.	NUREG-0680	Complete	N/A Note 2
39	Operator Action-RCP Trips	Based on the analyses of item 38, develop guidelines for operator action for LOCA and non-LOCA transients per IE Bulletin 79-05C.	NUREG-0680	Complete	N/A Note 2
40	Reactor Trip Training	Based on the guidelines developed for item 39, revise emergency procedures and train all operators. (IE Bulletin 79-05C).	NUREG-0680	Complete	Yes
41	Inadequate Core Cooling	Provide analyses and develop guidelines and procedures related to inadequate core cooling per IE Bulletin 79-05C.	NUREG-0680	Complete	Yes
42	Emergency Preparedness	Improve emergency preparedness per order item 3 of Commission Order dated 8/9/79.	NUREG-0746 IR-81-20	Complete	Yes
	<u>Separation of TMI-1 and TMI-2</u>				
43	Liquid Radwaste	Isolate specific liquid radwaste connections between units.	NUREG-0680 IR-82-21 IR-83-01	Complete	Yes

A (Table 1)-7

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
44	Gaseous Radwaste Leak Test	Perform a helium leak test of the gaseous waste processing system.	NUREG-0680 IR-82-21 IR-83-11	Complete	Yes
45	Fuel Handling Building Isolation	Modify the TMI-1 fuel handling building layout to isolate the fuel handling floor from the auxiliary building and control building.	NUREG-0680 IR-82-21	Complete	Yes
46	Fuel Handling Building Ventilation Modification	Modify auxiliary building and fuel handling building ventilation system by adding two leak tight dampers.	NUREG-0680 IR-82-21	Complete	Yes
47	Hittman System	Install interim (Hittman) radwaste solidification system.	NUREG-0680 IR-81-34 IR-82-03 IR-82-21	Complete	Yes
48	Trash Segregation	Segregate trash during collection to insure TMI-1 and TMI-2 wastes remain separate.	NUREG-0680 IR-82-21	Complete	Yes
49	Monitoring System	Verify complete separation of TMI-1 and TMI-2 process and effluent radiological monitoring systems.	NUREG-0680	Complete	N/A Note 2
50	Independent TMI-2 Sampling System	Construct an independent radioactive liquid sampling system for TMI-2.	NUREG-0680 IR-82-21	Complete	Yes
	<u>Waste Management</u>				
51	Liquid and Gaseous Radwaste Systems	Demonstrate that the waste management capability including storage and processing for liquid and gaseous wastes is adequate to assure safe operation of TMI-1 and that TMI-1 waste handling capability is not relied on by operations at TMI-2.	NUREG-0680	Complete	N/A Note 2

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
52	Solid Radwaste System	Demonstrate that the waste management capability including storage and processing for solid wastes is adequate to assure safe operation of TMI-1 and that TMI-1 waste handling capability is not relied on by operations at TMI-2 (Expand low activity solid waste storage).	NUREG-0680 IR-82-21 IR-83-01	Complete	Yes
	<u>Managerial Capability</u>				
53	Training of Operating Staff	Perform retraining of operating staff per numerous requirements summarized in NUREG-0680 page C6-5.	NUREG-0680	Complete	N/A Note 2
54	Facility Procedures	Revise facility procedures to conform with requirements of CLI 80-5, IE Bulletins 79-05A,B,C and NUREG-0578.	NUREG-0680	Complete	Yes
55	Operational Quality Assurance Program	Demonstrate the adequacy of the Operational Quality Assurance Program.	NUREG-0680	Complete	Yes
56	Plant Maintenance	Demonstrate the adequacy of the plant maintenance support organization.	NUREG-0680 IR-80-19 IR-80-21	Complete	Yes
57	Command and Administrative Structure Review	Determine whether the licensees command and administrative structure at both the plant and corporate levels, is appropriately organized to assure safe operation of TMI-1.	NUREG-0680 IR-80-19	Complete	Yes

A (Table 1)-9

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
58	Operations and Technical Staff Qualifications Review	Determine whether the operations and technical staff of TMI-1 is qualified to operate Unit 1 safely (adequacy of the facility's maintenance program should be considered).	NUREG-0680 IR-80-21	Complete	Yes
59	Radwaste Operator Qualifications	Determine whether the TMI-1 Radiation Waste system is appropriately staffed with qualified individuals to ensure safe operation of the facility.	NUREG-0680 IR-80-21	Complete	Yes
60	Finance & Technical Department Relationship	Determine whether the relationship between licensee's corporate finance and technical departments is such as to prevent financial considerations from having an improper impact upon technical decisions.	NUREG-0680	Complete	Yes
61	Qualifications of Safety Review Groups	Determine whether the licensee has made adequate provision for groups of qualified individuals to provide safety review of and operational advice regarding TMI-1.	NUREG-0680	Complete	Yes
62	Comparison of TMI-1 Infractions with Industry-wide Statistics	Determine what, if any, conclusions regarding licensee's ability to operate TMI-1 safely can be drawn from a comparison of the number and type of past infractions of NRC regulations attributable to the Three Mile Island Units with industry-wide infraction statistics.	NUREG-0680	Complete	N/A Note 2

A (Table 1)-10

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
63	Comparison of TMI-1 LERs with Industry-wide Statistics	Determine what, if any, conclusions regarding licensee's ability to operate TMI-1 safely can be drawn from a comparison of the number and type of past Licensee Event Reports ("LER") and the licensee's operating experience at the Three Mile Island Units with industry-wide statistics on LER's and operating experience.	NUREG-0680	Complete	N/A Note 2
64	Review of Management Actions During the TMI-2 Accident	Determine whether the actions of Licensee's corporate or plant management (or any part or individual member thereof) in connection with the accident at TMI-2 reveal deficiencies in the corporate or plant management that must be corrected before TMI-1 can be operated safely.	NUREG-0680 IR-83-10	Item to remain open pending resolution of GPU management integrity/competency issue.	Inspection TBD
65	Technical Capability Review	Determine whether licensee possesses sufficient in-house technical capability to ensure the simultaneous safe operation of TMI-1 and clean-up of TMI-2.	NUREG-0680 IR-80-19	Complete	Yes
66	Management & Technical Capability	Assess management and technical capability and the training of the operations staff (Training Manual).	NUREG-0680 IR-80-19 IR-81-33 IR-82-16	Complete	Yes
67	Safety Review	Licensee make acceptable provisions for reviews and audits of changes to plant design and procedures (EP-013 and AP-1032). (See also item 106)	IR-80-19 IR-81-33 IR-82-09 IR-82-16 IR-82-18 IR-83-02	Complete	Yes

A (Table 1)-11

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
68	Health Physics Qualifications Review	Determine whether the TMI-1 Health Physics program is appropriately organized and staffed with qualified individuals to ensure safe operation of the facility.	NUREG-0680 IR-83-04	Complete	Yes
69	Training for Mitigating Core Damage	Complete training program prior to exceeding 5% power.	NRC letter 4/22/81 IR-81-33 IR-83-06	Complete	Yes
70	Training Program Description	Prepare program description for training per item 69.	NRC letter 4/22/81	Complete	N/A Note 2
71	Inspector Views	Resolve inspector concerns regarding quality of plant management, corporate management, staffing, organization and resources.	NUREG-0600 IR-80-19 IR-80-21 IR-80-22 NUREG-0680 IR-83-15	Complete	Yes
<u>Lessons Learned-Short Term</u>					
<u>2.1.1 Emergency Power Supply</u>					
72	Pressurizer Heaters	Provide redundant emergency power for the minimum number of pressurizer heaters required to maintain natural circulation in the event of a loss of offsite power. (See also item 110).	NUREG-0680 IR-81-08 IR-81-28 IR-82-01 IR-82-19 IR-82-26	Complete	Yes



TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
73	Pressurizer Level, Relief and Block Valves	Provide emergency power to the control and motive power systems for the power-operated relief valve and associated block valve and to the pressurizer level indication instrument channels.	NUREG-0680	Complete	Yes
74	Relief Valve Testing Program Description	Commit to provide performance verification by full scale prototypical testing for all relief and safety valves.	NUREG-0680	Complete	N/A Note 2
75	Valve Position Indication	Provide in the control room either a reliable, direct position indication for the PORV and SRVs or reliable flow indication devices downstream of the valves.	NUREG-0680 IR-80-04 IR-80-05 IR-81-28 IR-81-22 IR-82-21 IR-82-26 IR-81-04 IR-81-24 IR-82-19	Complete	Yes
76	Inadequate Core Cooling	Perform analyses and implement procedures and training for prompt recognition of low reactor coolant level and inadequate core cooling using existing reactor instrumentation (flow, temperature, power, etc.) or short-term modifications of existing instruments. (See also item 113) (Note: License condition required by ALAB-729, p.176)	NUREG-0680 NUREG-0752 NRC letter 6/14/83 IR-81-10 IR-81-14 IR-81-24 IR-81-28 IR-82-01 IR-82-07 IR-82-10 IR-82-14 IR-82-17 IR-82-19 IR-82-26	Complete - Test during PET to be implemented by license condition.	No (Reg. 1) PET (9/83-12/83) Note 1

Table 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
77	Containment Isolation	Provide containment isolation on diverse signals, review isolation provisions for non-essential systems and revise as necessary, and modify containment isolation designs as necessary to eliminate the potential for inadvertent reopening upon reset of the isolation signal.	NUREG-0680 NRC letter 4/22/81 IR-80-05 IR-80-31 IR-81-04 IR-81-05 IR-82-01 IR-82-07 IR-82-19 IR-82-24 IR-82-26 IR-83-02 IR-83-14	Complete	No (Reg. I) 8/83
78	Dedicated Hydrogen Penetrations	Provide dedicated penetrations and isolation systems that meet redundancy and signal failure requirements.	NUREG-0680 IR-80-17 IR-82-06 IR-82-26 IR-83-05	Complete	Yes
79	Integrity of Systems Outside Containment	Perform leakage rate tests on systems outside containment that process primary coolant and could contain high level radioactive materials. Develop and implement a periodic testing and preventative maintenance programs.	NUREG-0680 IR-83-14	Estimated review completion 8/83 (NRR). Test during HFT (8/83).	No (Reg. I) 9/83 Note 3
80	Plant Shielding	Perform a design review of the shielding of systems processing primary coolant outside of containment. Determine any areas or equipment that are vital for post-accident occupancy or operation and assure that access and performance will not be unduly impaired due to radiation from these systems.	NUREG-0680	Complete	N/A Note 2

A (Table 1)-14

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
81	EFW Auto-Initiation	Provide automatic initiation of all EFW systems. (See also items 1 and 121).	NUREG-0680 IR-80-26 IR-82-01 IR-81-28 IR-82-26	Complete - Test during PET to be implemented by license condition.	No (Reg. I) PET (9/83) Note 1
82	EFW Flow Indication (Control Grade)	Provide indication in the control room of EFW flow for each steam generator. (See also item 5).	NUREG-0680 IR-02-17 IR-83-01 IR-83-02 IR-83-06	Licensee installing safety grade system per long-term requirement. Installed modification unsatisfactory, replacement modification pending (8/83). Estimated review completion 8/83 (NRR).	No (Reg. I) 9/83
83	Post-Accident Sampling	Review and upgrade the capability to obtain samples from the reactor cooling system and containment atmosphere under high radioactivity conditions. Provide the capability for chemical and spectrum analysis of high-level samples on site.	NUREG-0680	Complete	No. (Reg. I) 8/83
84	Radiation Monitors	Install safety-grade in containment radiation monitors.	NUREG-0680 IR-83-04	Complete	No (Reg. I) 8/83
85	Gaseous Effluent Monitors (Noble Gas)	Install high-range gaseous effluent monitors. (See also item 114).	NUREG-0680 IR-83-04	Review complete. Licensee estimates 8/83 modification completion.	No (Reg. I) 8/83
86	Radioiodine/Particulate Sampling	Install expanded range radioiodine/particulate sampling system. (See also item 115)	NUREG-0680 IR-82-26 IR-83-04	Complete	No (Reg. I) 8/83

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
87	Iodine Instrumentation	Provide instrumentation for accurately determining in-plant airborne radioiodine concentrations to minimize the need for unnecessary use of respiratory protection equipment.	NUREG-0680	Complete	No (Reg. I) 8/83
88	Shift Supervisor	Review plant administrative and management procedures and revise as necessary to assure that reactor operations command and control responsibilities and authority are properly defined.	NUREG-0680	Complete	Yes
89	Shift Technical Advisor	Provide on shift a qualified person (the shift technical advisor) with a bachelor's degree or equivalent in a science or engineering discipline and with specific training in the plant response to off-normal events and in accident analysis of the plant.	NUREG-0680	Complete	N/A Note 2
90	Shift turnover	Review revise and evaluate effectiveness of plant procedures as necessary to assure that a shift turnover checklist is provided and required to be completed and signed by the on-coming and off-going individuals responsible for command of operations in the control room.	NUREG-0680 IR-82-18	Complete	Yes
91	Control Room Access	Assure that access to the control room under normal and accident conditions is limited to those persons necessary to the safe command and control of operations.	NUREG-0680	Complete	Yes
92	Onsite Technical Support Center	A separate technical support center shall be provided for use by plant management, technical, and engineering support personnel.	NUREG-0680 NUREG-0746 IR-83-02	Complete	Yes
93	Onsite Operational Support Center	Establish and maintain an operational support center outside the control room.	NUREG-0680 NUREG-0746	Complete	Yes

A (Table 1)-16

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
<u>ASLB Management PID of 8/27/81</u>					
94	Human Factors Components	Implement Human Factors items cited in GPU letter dated 1/21/81, (Hukill to Reid) that were to be done prior to restart and prior to 1983.	IR-82-17	Estimated review completion 8/83 (NRR).	No (NRR) 8/83
95	Accuracy of Maintenance Records	Staff perform inspections and licensee perform actions described in Section II.D of 8/27/81 PID.	IR-81-27 IR-83-02	Complete	Yes
96	Overtime Policy	Verify continued implementation of policy set forth in GPU memo of February 1980 (PID paragraph 343).	IR-81-01	Estimated review completion 8/83 (NRR).	No (NRR) 8/83
97	IOSRG	Document proper staffing of Independent Off-Site Review Group (IOSRG).		Estimated review completion 8/83 (NRR/Reg. I).	No (NRR/Reg. I) 8/83
98	Category T	Licensee administer Category T examinations to license candidates.	Board Notifica- tion BN-82-21 of 3/5/82	Complete	N/A Note 2
99	TMI-2 Accident Training	Licensee demonstrate that all licensee operators received three days additional training on TMI-2 accident.	IR-82-16	Complete	Yes Note 2
100	Simulator Examinations	Licensee demonstrate that all operators not previously NRC licensed have completed an NRC exam at B&W simulator.	BN-82-21 of 3/5/82	Complete	N/A Note 2
101	CRT Simulator	Licensee demonstrate that a CRT part-task simulator which displays temperature and pressure, is available at TMI-1.	IR-81-33	Complete	Yes
102	Replica Simulator	Licensee prepare for bids and distribute specifications for a TMI-1 exact replica simulator. Make reasonable effort to install by 1985.	NRC letter 12/22/82	Complete	N/A Note 2

A (Table 1)-17

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
103	Contract for Basic Principles Trainer	Licensee demonstrate that a basic principles trainer for TMI-1 is contracted to be installed in 1982.	NRC letter 12/22/82	Complete	N/A Note 2
104	Emergency Director/Support Director Training	Licensee demonstrate that members of senior management (since July 1, 1979) who are designated to act as Emergency Directors or Emergency Support Director, have received a formal training course.	IR-83-02	Complete	Yes
105	License Conditions for Shift Manning	At time of restart, staff impose and enforce license conditions per PID Section II.M.9(a)-(g) for operation at TMI-1 concerning shift manning.	--	NRR issue license condition.	No (Reg. 1) 8/83
106	Operating Information Management System	Licensee provide and maintain a management system to perform functions per PID Section II.M.10(a)-(c). (See also item 67).	IR-80-19 IR-81-33 IR-82-09 IR-82-16 IR-82-18 IR-83-02	Complete	Yes
<u>ASLB Plant Design, Procedures, and Modifications PID of 12/14/81</u>					
107	Natural and Forced Circulation	Install new shield walls between the HPI piping and motor control centers.	NUREG-0680 IR-82-13	Complete	Yes
108	Abnormal Transients Operating Guidelines	Staff review revised ATOG program and report to Commission on reasonable progress.	NRC letter 10/26/82	Complete	N/A Note 2
109	Pressurizer Heaters	Demonstrate reactor coolant pressure control using HPI system.	IR-83-01	Complete	Yes

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
110	Connecting Pressurizer Heaters to Diesel - Procedures	Staff verify procedures for reconnecting pressurizer heaters. (See also item 72). (Note: License condition required per ALAB-729).	NUREG-0680	Complete	No (Reg. 1) 8/83
111	Connecting Pressurizer Heaters to Diesel - Demonstration	Licensee demonstrate connection of heaters to emergency buses; staff monitor test and evaluate results. (Note: Staff advise Commission if test disables emergency power supply. (ALAB-729)).	IR-83-01	Complete - Test during HFT (9/83).	No (Reg. 1) 9/83 Note 3
112	Computers - Operator Reliance	Staff verify that operators do not rely solely on computer information for making operational decisions	IR-82-18	Complete	Yes
113	Computers - Incore Thermocouple Backup	Install and have operational data logging or recording instrument displays of certain in-core temperature information (before 5% power -lic. condition). System must be safety-grade per ALAB-729, p. 176. (See also item 76).	NUREG-0680 NUREG-0752 IR-81-10 IR-81-28 IR-81-14 IR-81-24 IR-82-01 IR-82-07 IR-82-10 IR-82-14 IR-82-17 IR-82-19 IR-82-26	Licensee filing estimated 8/83. NRR estimates 8/83 review completion. NRR issue license conditions before 5% power. Test during PET.	No (Reg. 1) PET (9/83) Note 1
114	In-Plant Instrument Ranges - Effluent	Install extended range noble gas effluent monitors. (See also item 85).	NUREG-0680 IR-83-04	Complete - Licensee estimates 8/83 modification completion.	No (Reg. 1) 8/83
115	In-Plant Instrument Range - Sampling	Install expanded sampling system capability for monitoring radioiodine and particulates. (See also item 86).	NUREG-0680 IR-82-26 IR-83-04	Complete	No (Reg. 1) 8/83

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
116	Safety-System Status Panel - Valve Lineup	Licensee perform complete review of safety system valve lineup. Staff perform independent verification. (See also item 23).	--	Perform verification at HFT (8/83)	No (Reg. I) 9/83 Note 3
117	Safety-System Status Panel - Administrative Controls	Staff review licensee compliance with NUREG-0737 requirement to upgrade administrative controls for monitoring and verifying system status prior to restart.	NRC Letter 4/22/81 IR-82-16 IR-83-02	Complete	Yes
118	Control Room Design Review	Licensee perform NUREG-0752 recommended corrections, staff review modifications against criteria of NUREG-0752 and Supplement 1. (See also item 125).	NUREG-0752 IR-81-24 IR-82-17 IR-82-19 IR-82-26 IR-83-09 IR-83-14	Complete	Yes
119	Additional LOCA Analysis	Install HPI system cavitating venturis and cross-connect.	IR-81-19 IR-82-07 IR-82-10 IR-82-26	Complete - Test during HFT. (8/83)	No (Reg. I) 9/83 Note 3
120	Pressurizer Level Instrumentation	Upgrade pressurizer level instrumentation by providing redundant vital power supplies.	IR-82-26	Complete	Yes
121	EFW Reliability	Provide auto initiation of EFW. (See also items 1 and 81). (Note: System need not be safety grade at restart so long as an operator is dispatched to EFW station.) (ALAB-729).	NUREG-0680 IR-80-26 IR-81-28 IR-82-01 IR-82-26	Complete - Test during PET to be implemented by license condition.	No (Reg. I) PET (9/83) Note 1

A (Table 1)-20



TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
122	Prevent EFW Isolation by Rupture Detection System Failure	Licensee propose means for preventing feedwater isolation due to failure in rupture detection system. (Reasonable progress). (See also item 153).	NRC letter 11/10/82 IR-83-01	Complete	Yes
123	Evaluate Organization and Management Improvements	Perform evaluation per Item I.B.1.2 of NUREG-0694.	NRC letter 4/22/81	Complete	N/A Note 2
124	NSSS Vendor Review of Procedures	Perform review per Item I.C.7 of NUREG-0694.	NRC letter 4/22/81 IR-82-16	Complete	Yes
125	Control Room Design Review	Perform review per Item I.D.1 of NUREG-0694. (See also item 118).	NUREG-0752 IR-81-24 IR-82-17 IR-82-19 IR-82-26 IR-83-09	Complete	Yes
126	Training During Low Power Testing	Perform training per Item I.G.1 of NUREG-0694.	NRC letter 4/22/81 NRC letter 12/21/82 IR-81-33	Complete - Test during PET to be implemented by license condition.	No (Reg. I) PET (9/83 -12/83) Note 1
127	Pilot Monitoring of Selected Emergency Procedures	Perform monitoring per Item I.C.8 of NUREG-0694.	NRC letter 4/22/81	Complete	N/A Note 2

A (Table 1)-21

TABLE 1 CONTINUED

<u>Number</u>	<u>Item</u>	<u>Definition</u>	<u>Completion Documentation</u>	<u>Review Status/Remarks</u>	<u>NRC Inspection Complete</u>
128	Equipment Qualification	Staff certify to Commission a report on licensee's compliance with CLI-80-21 with respect to radiation.	1/28/82 staff filing to Commission	Complete	N/A Note 2
129	Equipment Qualification	Comply with six equipment qualification conditions of PID paragraph 1163.	NRC letter 10/8/82 IR-83-02	Complete	Yes
130	Flood Level Calculations	Staff perform an independent review of licensee's calculations of flood level in the reactor building. Staff conduct review of operational limitations that must be imposed.	NRC letters 7/26/82, 7/19/83 IR-81-28 IR-82-03 IR-82-07 IR-82-26 IR-82-06 IR-82-19	Complete	Yes
131	Position on Cold Shutdown	Licensee environmentally qualify a single path to cold shutdown or bring the matter to the attention of the Commission.	1/28/82 staff filing to Commission	Complete	N/A Note 2
132	Ventilation Separation Program	Licensee submit to the staff a program designed to test the adequacy of its phase I ventilation separation program such that staff can certify that a satisfactory test program has been implemented.	NRC letter 3/9/83	Complete	Yes

A (Table 1)-22

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
<u>ASLB Emergency Planning PID of 12/14/81</u>					
133	Emergency Planning Health Physics Matters	(1) Complete 1 training cycle of the Emergency Plan training program. (2) Verify upgrade of Reactor Building alarm. (3) Include high range noble gas monitor readings and an radioiodine effluent analyses in the dose assessment scheme. (4) Implement procedures for collecting and analyzing absorbent media for radioiodine and gaseous effluents under accident conditions (Paragraphs 1404, 1479).		Review scheduled for 8/83 completion (IE).	No (IE) 8/83
134	EALs	Verify and document that the General Emergency and reactor coolant system activity Emergency Action Levels (EALs) have been revised to be consistent with NUREG-0654.	NRC letter 7/25/83	Complete	Yes
135	Alert EAL	Verify and document that the reactor coolant system EAL for an Alert precisely conforms to the 300 MCi/ml equivalent I-131 criteria in NUREG-0654.	NRC letter 7/25/83	Complete	Yes
136	Dose Projection	Verify and document revision of procedures for off-site dose projection to include a curve of estimated containment leak rate as a function of containment design pressure and actual measured pressure.	NRC letter 7/25/83	Complete	Yes

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
137	Emergency Response Training	<p>(1) Verify and document completion of one full iteration of Emergency Organization Training for offsite support organizations including local fire depts, ambulance services, local police depts. State Police and Middletown police get specific training.</p> <p>(2) Verify and document Radiation Management Corp. Annual Training of Hospital and ambulance personnel.</p> <p>(3) Verify and document formal training course on plant design features for licensee senior management who joined the licensee since 6/9/79 and who will serve as Emergency Director or Emergency support Director.</p>	IR-83-13	Review scheduled for 8/83 completion (IE).	No (IE) 8/83
138	EOF Staffing Requirements	Implement EOF Support Director staffing requirements of PID 2010a and 1381 for restart.	NRC letter 7/25/83	Staff review complete. Commission reviewing ASLAB decision (CLI-83-7).	Yes
139	County and PEMA EP Brochure Review	The staff shall review any changes made in the final risk county brochures and the PEMA Pamphlet on emergency preparedness, and advise the Commission prior to restart of the impact of the revisions on the intended purpose of these documents.	NRC letter 7/25/83	Complete	Yes (FEMA)

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TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
140	EP Brochure	Updated PEMA and 5 risk county brochures distributed (Public Information on Emergency Preparedness).	NRC letter 7/25/83	Complete	Yes (FEMA)
141	EP Brochures to Transient Locations	Updated county brochures distributed to transient (hotels, motels, parks, employers) locations.	NRC letter 7/25/83	Complete	Yes (FEMA)
142	Major Employer Briefings	At least be underway for licensee briefings to major employers and operators of transient locations.	NRC letter 7/25/83	Complete	Yes (FEMA)
143	Siren System Test	Siren System audibility test. Staff certify results and need for supplemental alerting.	MRC letter 7/25/83	Complete	Yes (FEMA)
144	Communications	Conduct communications drill to stress system.	NRC letter 7/25/83	Complete	Yes (FEMA)
145	School District Plans	Staff certify when plans for EP-Z school districts are completed and reviewed for adequacy.	NRC letter 7/25/83	Complete	Yes (FEMA)
<u>ASLB Reopened Proceeding on Cheating PID of 7/14/82</u>					
146	Operator Certification	Verify and document implementation of a procedure for certification of operators by signed statements from Training Personnel that operator candidates (to obtain or renew a license) have completed training requirements.	NRC letter 7/29/83	Complete	Yes

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
147	Qualifications of Instructors	Licensee establish criteria for qualifications of instructors.	NRC letter 7/28/83	Complete	Yes
148	Supervision of Start-up and Test Director	Any participation by Start-up and Test Director in start-up and test at TMI-1 is to be directly supervised by a qualified GPU official.	IR-82-19	Complete	Yes
<u>ASLAB Imposed Emergency Planning Requirements</u>					
149	Agricultural Brochure	Commonwealth agriculture brochure shall be distributed to all farmers in 10 mile plume exposure EPZ.		Review scheduled for 8/83 completion (IE).	No (FEMA)
<u>ASLB Management PID of 8/27/81 (Additional Items)</u>					
150	Feedback of Operating Experience	NUREG-0737, I.C.5 "Procedure for Feedback of Operating Experience to Plant Staff" must be enforced at TMI-1 if restart is permitted.		Estimated review completion 8/83.	TBD (NRR/Reg. I)
151	Start-up Test Program	Staff certify to Commission whether licensee has Startup Test Program which will provide additional operator training to satisfy the issue of whether to treat TMI-1 differently from other operating reactors because of the prolonged shutdown.		Estimated review completion 8/83. (NRR)	No (NRR/Reg. I) 8/83

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
<u>ASLB Emergency Planning PID of 12/14/81 ADDITIONAL ITEMS</u>					
152	Dauphin County Plan	Staff certify to Commission that Dauphin County plan has been revised so that there is no suggestion in the plan that school students will be returned to their homes by bus in the early stages of an accident.	NRC letter 7/25/83	Complete	Yes (FEMA)
<u>ALAB-729 Items</u>					
153	Main Steam Rupture Detection System Long-Term Solution	Licensee submit proposed long-term solution to Commission prior to restart. (See also item 122).	NRC letter 11/10/82 IR-83-01	Licensee submittal complete. NRR acknowledgment ltr. estimated 8/83. Commission review TBD.	N/A Note 2
154	Subcooling Margin Instrumentation Error	Ensure subcooling margin instrument error does not exceed 20 F.	IR-83-14	Licensee submittal estimated 8/83. Review completion estimated 9/83 (NRR).	No (Reg. I) 9/83.

A (Table 1)-27

NOTES:

1. Power escalation test (PET) would commence immediately upon completion of hot functional testing (HFT) and extend for approximately 12 weeks.
2. N/A indicates completion of item involved only staff review of design or statistical information, licensee commitment, etc. Physical inspection of facility is not necessary.
3. Hot functional test (HFT), including steam generator testing and systems verification, will extend for approximately six-seven weeks. Plant readiness for HFT is estimated week of 8/8/83.



Table 2 Three Mile Island Restart "Long-Term (LT) Actions"

Item No.	Title (Commission Order Item*)	Licensee Action	NRC Action /Branch
1	II.K.2.9 (LT-1) Integrated Control System Failure Mode Effects Analysis	Complete	NUREG-0680, Supp. 3 Safety Evaluation Report (SER) 08/02/82
2	I.C.1 (LT-2) Procedures for Transients and Accidents (abnormal transient operating guidelines)	See GPU letter 04/14/83	NUREG-0737, Supp. 1
3	II.K.3.30, 31 (LT-3) Small-Break Loss-of-Coolant Accident Methods and Plant Unique Analysis	Complete	Reactor Systems Branch
4	II.D.1 (LT-3) Relief and Safety Valve Testing	Additional submittal pending (est. 09/83)	Mechanical Engineering Branch
5	II.F.2 (LT-3) Instrumentation for Inadequate Core Cooling	Complete	Core Performance Branch
6	II.E.4.1 (LT-3) Dedicated Hydrogen Penetrations	Complete	NUREG-0680, Supp. 3
7	II.B.2 (LT-3) Plant Shielding	Modifications due at next refueling	SER 03/28/83
8	II.E.1.2 (LT-3) Automatic Initiation of Auxiliary Feedwater (AFW)	Short-term modifications complete; long-term modifications at next refueling	Auxiliary Systems Branch
9	II.E.1.2 (LT-3) AFW Flow Indication	Complete	NUREG-0680, Supp. 3
10	II.B.3 (LT-3) Postaccident Sampling	Installation complete; submittal of additional information pending (est. 09/83)	Chemical Engineering Branch

\*Commission Order and Notice of Hearing dated August 9, 1979 (see NUREG-0680, Appendix C).

Table 2 (Continued)

Item No.	Title (Order Item*)	Licensee Action	NRC Action /Branch
11	II.F.1.3 (LT-3) High Range Radiation Monitors	Complete	NUREG-0680, Supp. 3
12	II.F.1.4 (LT-3) Containment Pressure Monitor	Installation complete; submittal of additional information pending (est. 09/83)	Containment Systems Branch
13	II.F.1.5 (LT-3) Containment Water Level Monitor	Installation complete; submittal of additional information pending (est. 09/83)	Containment Systems Branch
14	II.F.1.6 (LT-3) Containment Hydrogen Monitor	Installation complete; submittal of additional information pending (est. 09/83)	Containment Systems Branch
15	II.B.1 (LT-3) Reactor Coolant System Vents	Submittal complete; loop and pressurizer vents installed; reactor vessel hood vent at next refueling	Reactor Systems Branch
16	I.A.1.1 (LT-3) Shift Technical Advisor	Complete	NUREG-0680, Supp. 3
17	III.A.1.2 (LT-3) Onsite Technical Support Center (TSC)	Submittal complete; TSC operational 6 months after restart	Operating Reactors Branch #5
18	Modify Emergency Plans To Address Changing Capabilities of Plant Instrumentation (LT-4a)	See GPU letter 04/15/83	RG 1.97/ Operating Reactors Branch #5 NUREG-0737, Supp. 1
19	Extend the Capability To Take Appropriate Emergency Actions for Population Around the Site to a Distance of 10 Miles (LT-4b)	Complete	NUREG-0746

\*Commission Order and Notice of Hearing dated August 9, 1979 (see NUREG-0680, Appendix C).

APPENDIX B

LAWSUIT RECORD BY CATEGORY



CATEGORY 1  
TRIAL TESTIMONY

B1-1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290419 Transcript of 821101 trial between util & B&W in  
New York, NY. Pp 1-189.

\* :U.S. District Court, Southern District of New York  
: :  
DATE ISS:82/11/01, 189pp. ,4RX:19022-001,ODI: ,TN:GB01

IRRELEVANT

8307260457 Testimony of M Derivan on 821103 in New York, NY. Pp 397-537.

DERIVAN, M. :Toledo Edison Co.  
: :  
DATE ISS:82/11/03, 140pp. ,4RX:19023-036,ODI: ,TN:GB01

NOT REVIEWED

8306290407 Testimony of MJ Derivan on 821104 in New York, NY. Pp 538-687.

DERIVAN, M. J. :Toledo Edison Co.  
: :  
DATE ISS:82/11/04, 150pp. ,4RX:19023-176,ODI: ,TN:GB01

NOT REVIEWED

8307260610 Testimony of ER Frederick on 821202 in New York, NY. Pp 3,181-  
3,215.

FREDERICK, F. R. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/12/02, 35pp. ,4RX:19030-169,ODI: ,TN:GB01

1.2

8306290499 Testimony of ER Frederick on 821206 in New York, NY. Pp 3,216-  
3,377.

FREDERICK, F. R. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/12/06, 161pp. ,4RX:19030-204,ODI: ,TN:GB01

1.1, 1.2, 1.4, 1.5, 1.7,  
1.11

8306290502 Testimony of ER Frederick on 821207 in New York, NY. Pp 3,378-  
3,559.

FREDERICK, F. R. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/12/07, 181pp. ,4RX:19031-004,ODI: ,TN:GB01

1.1, 1.2, 1.3, 1.4, 1.5,  
1.6, 1.8

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290541 Testimony of ER Frederick on 821208 in New York, NY. Pp 3,560-3,733.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/08, 174pp. , 48x: 19031-186, ODI: , TN: GB01

1.2, 1.4, 1.6, 1.8, 1.12, 1.16

8306290543 Testimony of ER Frederick on 821209 in New York, NY. Pp 3,734-3,906.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/09, 172pp. , 48x: 19031-361, ODI: , TN: GB01

1.2, 1.3, 1.4, 1.5, 1.6

8306290560 Testimony of ER Frederick on 821213 in New York, NY. Pp 3,990-4085.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/13, 97pp. , 48x: 19032-257, ODI: , TN: GB01

1.2, 1.3, 1.4, 1.5, 1.6, 1.8, 1.11

8306290437 Testimony of DF Hallman on 821112 in New York, NY. Pp 1,267-1,337.

HALLMAN, D.F. : Babcock & Wilcox Co.

DATE ISS: 82/11/12, 71pp. , 48x: 19025-183, ODI: , TN: GB01

NOT REVIEWED

8306290440 Testimony of DF Hallman on 821115 in New York, NY. Pp 1,338-1395.

HALLMAN, D.F. : Babcock & Wilcox Co.

DATE ISS: 82/11/15, 68pp. , 48x: 19025-254, ODI: , TN: GB01

NOT REVIEWED

8307260388 Testimony of J Herbein on 830118 in New York, NY. Pp 7,095-7,123.

HERBEIN, J. : General Public Utilities - GPU Service Corp.

DATE ISS: 83/01/18, 29pp. , 48x: 19041-118, ODI: , TN: GB01

1.7, 1.15

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290666 Testimony of JG Herbein on 830119 in New York, NY. Pd 7,124-7,156.

HERBEIN, J.G. :General Public Utilities - GPU Service Corp.

DATE ISS:83/01/19, 62pp. ,4RX:19041-147, ODI: ,TN:GB01

1.7, 1.14

8307260429 Testimony of E Kane on 821214 in New York, NY. Pd 4,370-4,388.

KANE, E. :Babcock & Wilcox Co.

DATE ISS:82/12/14, 19pp. ,4RX:19033-276, ODI: ,TN:GB01

NOT REVIEWED

8306290591 Testimony of RT Lahev on 821222 in New York, NY. Pd 5,280-5,370.

LAHEY, R.T. :Rensselaer Polytechnic Inst.

DATE ISS:82/12/22, 91pp. ,4RX:19036-105, ODI: ,TN:GB01

NOT REVIEWED

8307260187 Testimony of J. Lind on 821216 in New York, NY. Pd 4,662-4,746.

LIND, J. :Babcock & Wilcox Co.

DATE ISS:82/12/16, 85pp. ,4RX:19034-207, ODI: ,TN:GB01

NOT REVIEWED

8307260612 Testimony of J Lind on 821221 in New York, NY. Pd 5,204-5,279.

LIND, J. :Babcock & Wilcox Co.

DATE ISS:82/12/21, 76pp. ,4RX:19036-029, ODI: ,TN:GB01

NOT REVIEWED

8306290630 Testimony of RJ Marzer on 830105 in New York, NY. Pd 5,950-6,081.

MARZEC, R.J. :Duke Power Co.

DATE ISS:83/01/05, 132pp. ,4RX:19038-053, ODI: ,TN:GB01

NOT REVIEWED



U. S. NUCLFAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290634 Testimony of RJ Marzec on 830106 in New York, NY. Pd 6,082-6,232.

MARZEC, R.J. :Duke Power Co.

DATE ISS:83/01/06, 151pp. ,4RX:19038-186,ODI: ,TN:GB01

NOT REVIEWED

8306290638 Testimony of RJ Marzec on 830107 in New York, NY. Pd 6,233-6,359.

MARZEC, R.J. :Duke Power Co.

DATE ISS:83/01/07, 127pp. ,4RX:19038-337,ODI: ,TN:GB01

NOT REVIEWED

8306290642 Testimony of RJ Marzec on 830110 in New York, NY. Pd 6,379-6,481.

MARZEC, R.J. :Duke Power Co.

DATE ISS:83/01/10, 103pp. ,4RX:19039-121,ODI: ,TN:GB01

NOT REVIEWED

8307260345 Testimony of B Mehler on 830118 in New York, NY. Pd 6,954-6,994.

MEHLER, B. :General Public Utilities - GPU Service Corp.

DATE ISS:83/01/18, 41pp. ,4RX:19040-339,ODI: ,TN:GB01

NOT REVIEWED

8307260077 Testimony of Seelinger on 830104 in New York, NY. Pd 5,912-5949.

SEELINGER, J. :United Technologies Corp.

DATE ISS:83/01/04, 14pp. ,4RX:19038-025,ODI: ,TN:GB01

NOT REVIEWED

8307260216 Testimony of Seelinger on 830107 in New York, NY. Pd 6,359-6,378.

SEELINGER, J. :United Technologies Corp.

DATE ISS:83/01/07, 20pp. ,4RX:19039-101,ODI: ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307260447 Testimony of Sieglitz on 830103 in New York, NY. Pd 5,701-5,753.

SIEGLITZ, R. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 83/01/03, 53pp. , 48X:19037-166, ODI: , TN:GB01

NOT REVIEWED

8306290637 Testimony of R Sieglitz on 830104 in New York, NY. Pd 5,754-5911.

SIEGLITZ, R. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 83/01/04, 147pp. , 48X:19037-219, ODI: , TN:GB01

IRRELEVANT

8307260585 Testimony of E Swanson on 821215 in New York, NY. Pd 4,415-4,486.

SWANSON, E. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/12/15, 70pp. , 48X:19033-322, ODI: , TN:GB01

NOT REVIEWED

8307260240 Testimony of WH Zewe on 821117 in New York, NY. Pd 1,792-1,875.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/11/17, 84pp. , 48X:19026-347, ODI: , TN:GB01

NOT REVIEWED

8306290441 Testimony of WH Zewe on 821118 in New York, NY. Pd 1,876-2,039.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/11/18, 163pp. , 48X:19027-069, ODI: , TN:GB01

NOT REVIEWED

8306290450 Testimony of WH Zewe on 821119 in New York, NY. Pd 2,040-2,137. Pd 2,040-2,061 withheld.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/11/19, 75pp. , 48X:19027-233, ODI: , TN:GB01

NOT REVIEWED

U. S. NUCLFAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290452 Testimony of WH Zewe on 821122 in New York, NY. Pd 2,138-  
2,311.

ZEW, W.H. :General Public Utilities - GPU Service Corp.

DATE ISS:82/11/22, 173pp. ,48X:19027-311,ODI: ,TN:GB01

NOT REVIEWED

8306290462 Testimony of WH Zewe on 821124 in New York, NY. Pd 2,575-  
2,680.

ZEW, W.H. :General Public Utilities - GPU Service Corp.

DATE ISS:82/11/24, 105pp. ,48X:19028-285,ODI: ,TN:GB01

NOT REVIEWED

8306290466 Testimony of WH Zewe on 821129 in New York, NY. Pd 2,681-  
2,830.

ZEW, W.H. :General Public Utilities - GPU Service Corp.

DATE ISS:82/11/29, 149pp. ,48X:19029-030,ODI: ,TN:GB01

NOT REVIEWED

8306290463 Testimony of WH Zewe on 821201 in New York, NY.  
Pd 2,924-3,040.

ZEW, W.H. :General Public Utilities - GPU Service Corp.

DATE ISS:82/12/01, 116pp. ,48X:19029-273,ODI: ,TN:GB01

NOT REVIEWED

8306290472 Testimony of WH Zewe on 821202 in New York, NY. Pd 3,041-  
3,180.

ZEW, W.H. :General Public Utilities - GPU Service Corp.

DATE ISS:82/12/02, 140pp. ,48X:19030-029,ODI: ,TN:GB01

NOT REVIEWED

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CATEGORY 1  
DEPOSITIONS

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110145 Deposition of RC Arnold on B20629 in New York, NY. Pp 1-287.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/06/29, 289pp. , 48X: 19489-024, ODI: , TN: GB01 1.2

8307120726 Continued deposition of RC Arnold on B20701 in New York, NY.  
Pp 288-471.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/07/01, 184pp. , 48X: 19465-070, ODI: , TN: GB01 1.2, 1.7

8306290872 Deposition of TG Broughton on B20209 in New York, NY.  
Pp 553-714.

BROUGHTON, T. G. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/02/09, 163pp. , 48X: 19059-293, ODI: , TN: GB01 NOT REVIEWED

8306290838 Deposition of ND Brown on B10608 in New York, N. Y. Pp 1-139.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/06/08, 140pp. , 48X: 19062-234, ODI: , TN: GB01 1.7, 1.14

8306290844 Deposition of ND Brown on B10609 in New York, N. Y. Pp 140-255.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/06/09, 118pp. , 48X: 19063-011, ODI: , TN: GB01 1.2, 1.11

8306290831 Deposition of ND Brown on B10610 in New York, N. Y. Pp 258-386.

BROWN, N. D. : General Public Utilities - GPU Service Corp.  
DATE ISS: 81/06/10, 129pp. , 48X: 19061-347, ODI: , TN: GB01 1.2, 1.7, 1.14, 1.15

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290832 Deposition of ND Brown on 810611 in New York, N. Y. Pp 387-507.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/06/11, 121pp. , 48X: 19062-113, ODI: , TN: 6B01 IRRELEVANT

8306290822 Deposition of MD Brown on 810612 in New York, N. Y. Pp 508-600.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/06/12, 108pp. , 48X: 19061-143, ODI: , TN: 6B01 1.2, 1.4

8306290826 Deposition of ND Brown on 810721 in New York, N. Y. Pp 601-710.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/07/21, 111pp. , 48X: 19061-237, ODI: , TN: 6B01 1.2

8306290934 Deposition of AJ Dominguez on 820817 in New York. Pp 1-120.

DOMINGUEZ, A. J. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/08/17, 122pp. , 48X: 19065-133, ODI: , TN: 6B01 1.2

8306290938 Deposition of BM Dunn on 810311 in New York, NY. Pp 1-133.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/03/11, 133pp. , 48X: 19065-256, ODI: , TN: 6B01 IRRELEVANT

8306290943 Deposition of BM Dunn on 810312 in New York, NY. Pp 134-261.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/03/12, 130pp. , 48X: 19066-028, ODI: , TN: 6B01 1.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290949 Deposition of BM Dunn on 810313 in New York, NY. Pp 262-389.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/03/13, 129pp. , 48X: 19066-159, ODI: , TN: 0B01 NOT REVIEWED

8306290929 Deposition of BM Dunn on 810319 in New York, NY. Pp 390-499.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/03/19, 114pp. , 48X: 19066-289, ODI: , TN: 0B01 NOT REVIEWED

8306290681 Deposition of NS Elliott on 810205 in New York, NY. Pp 1-146.

ELLIOTT, N. S. : Babcock & Wilcox Co.  
DATE ISS: 81/02/05, 146pp. , 48X: 19070-001, ODI: , TN: 0B01 1.2, 1.6, 1.8, 1.9

8306290685 Deposition of NS Elliott on 810206 in New York, NY. Pp 147-314.

ELLIOTT, N. S. : Babcock & Wilcox Co.  
DATE ISS: 81/02/06, 167pp. , 48X: 19070-147, ODI: , TN: 0B01 1.2, 1.6, 1.9

8306290689 Deposition of NS Elliott on 810211 in New York, NY. Pp 315-471.

ELLIOTT, N. S. : Babcock & Wilcox Co.  
DATE ISS: 81/02/11, 156pp. , 48X: 19070-315, ODI: , TN: 0B01 1.2, 1.6

8306290692 Deposition of NS Elliott on 810212 in New York, NY. Pp 472 - 607.

ELLIOTT, N. S. : Babcock & Wilcox Co.  
DATE ISS: 81/02/12, 135pp. , 48X: 19071-111, ODI: , TN: 0B01 1.2, 1.4, 1.6, 1.8, 1.11



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290696 Deposition of NS Elliott on B10213 in New York, NY. Pp 60B -  
773.

ELLIOTT, N. S. : Babcock & Wilcox Co.

DATE ISS: 81/02/13, 166pp. , 4BX: 19071-248, ODI: , TN: 0B01 1.1, 1.3, 1.4

8306290704 Deposition of F Faist on B20323 in New York, NY. Pp 1-137.  
Supporting documentation encl.

FAIST, F. : Babcock & Wilcox Co.

DATE ISS: 82/03/23, 148pp. , 4BX: 19072-052, ODI: , TN: 0B01 IRRELEVANT.

8306290709 Deposition of CC Faust on B1081B in New York, NY. Pp 1-127.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/08/18, 127pp. , 4BX: 19072-203, ODI: , TN: 0B01 1.2, 1.14

8306290713 Deposition of CC Faust on B10819 in New York, NY. Pp 129-412.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/08/19, 283pp. , 4BX: 19072-331, ODI: , TN: 0B01 1.2

8307060447 Deposition of CC Faust on B10820 in New York, NY. Pp 276-412.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/08/20, 136pp. , 4BX: 19301-291, ODI: , TN: 0B01 1.9

8306290701 Deposition of CC Faust on B10821 in New York, NY. Pp 413-566.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/08/21, 153pp. , 4BX: 19073-275, ODI: , TN: 0B01 1.2, 1.4

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290703 Deposition of CC Faust on 810924 in New York, NY. Pp 569-712.

FAUST, C. C. : Metropolitan Edison Co.  
DATE ISS: 81/09/24, 143pp. , 48X: 19074-068, ODI: , TN: GB01 1.2, 1.4, 1.6, 1.8

8306290705 Deposition of CC Faust on 810925 in 810925. Pp 713-898.

FAUST, C. C. : Metropolitan Edison Co.  
DATE ISS: 81/09/25, 185pp. , 48X: 19074-212, ODI: , TN: GB01 1.2, 1.4, 1.6, 1.8

8306290723 Deposition of JR Floyd on 820218 in New York, NY. Pp 1-159.

FLOYD, J. R. : Metropolitan Edison Co.  
DATE ISS: 82/02/18, 159pp. , 48X: 19076-082, ODI: , TN: GB01 NOT REVIEWED

8306290727 Deposition of JR Floyd on 820219 in New York, NY. Pp 160-293.  
Supporting documentation encl.

FLOYD, J. R. : Metropolitan Edison Co.  
DATE ISS: 82/02/19, 134pp. , 48X: 19076-241, ODI: , TN: GB01 1.7

8306290733 Deposition of JR Floyd on 820428 in New York, NY. Pp 294-422.

FLOYD, J. R. : Metropolitan Edison Co.  
DATE ISS: 82/04/28, 128pp. , 48X: 19077-014, ODI: , TN: GB01 NOT REVIEWED

8306290736 Deposition of JR Floyd on 820429 in New York, NY. Pp 433-538.

FLOYD, J. R. : Metropolitan Edison Co.  
DATE ISS: 82/04/29, 105pp. , 48X: 19077-144, ODI: , TN: GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290738 Deposition of JR Floyd on B20430 in New York, NY. Pp 529-626.

FLOYD, J. R. : Metropolitan Edison Co.

DATE ISS: 82/04/30, 97pp. , 48X: 19077-250, ODI: , TN: GBO1

NOT REVIEWED

8306290714 Deposition of ER Frederick on B20504 in New York, NY. Pp  
1-128.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/04, 128pp. , 48X: 19077-348, ODI: , TN: GBO1

1.2, 1.6, 1.8

8306290717 Deposition of ER Frederick on B20505 in New York, NY.  
Pp 129-281.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/05, 152pp. , 48X: 19078-116, ODI: , TN: GBO1

1.2, 1.4, 1.5, 1.6

8306290719 Deposition of ER Frederick on B20506 in New York, NY. Pp  
282-420.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/06, 138pp., , 48X: 19078-269, ODI: , TN: GBO1

1.2, 1.4

8306290720 Deposition of ER Frederick on B20507 in New York, NY.  
Pp 421-563.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/07, 142pp. , 48X: 19079-049, ODI: , TN: GBO1

1.2, 1.4, 1.6

8306290769 Deposition of ER Frederick on B20510 in New York, NY.  
Pp 564-684.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/10, 120pp. , 48X: 19079-193, ODI: , TN: GBO1

1.2, 1.4, 1.5, 1.6

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290780 Deposition of ER Frederick on 820512 in New York, NY.  
Pp 775-883.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/12, 108pp. , 48X: 19080-042, ODI: , TN: GB01 1.2

8306290786 Deposition of ER Frederick on 820513 in New York, NY.  
Pp 884-982.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/13, 98pp. , 48X: 19080-151, ODI: , TN: GB01 1.2, 1.3, 1.4, 1.5, 1.6

8306290816 Deposition of C Goslow on 820107 in New York, NY. Pp 1-153.

GOSLOW, C. : Babcock & Wilcox Co.

DATE ISS: 82/01/07, 153pp. , 48X: 19082-185, ODI: , TN: GB01 NOT REVIEWED

8306290823 Deposition of C Goslow on 820108 in New York, NY. Pp 154-306.

GOSLOW, C. : Babcock & Wilcox Co.

DATE ISS: 82/01/08, 153pp. , 48X: 19082-338, ODI: , TN: GB01 NOT REVIEWED

8306290828 Deposition of CE Goslow on 820112 in New York, NY. Pp 307-430.

GOSLOW, C. E. : Babcock & Wilcox Co.

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8306290833 Deposition of CE Goslow on 820617 in New York, NY. Pp 431-565.

GOSLOW, C. E. : Babcock & Wilcox Co.

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8306290712 Deposition of DF Hallman on 820118 in New York, NY. Pp 1-82.

HALLMAN, D. F. : Babcock & Wilcox Co  
DATE ISS: 82/01/18, 82pp. , 48X: 19084-344, ODI: , TN: GBO1 IRRELEVANT

8306290716 Deposition of DF Hallman on 820119 in New York, NY. Pp 83-209.

HALLMAN, D. F. : Babcock & Wilcox Co.  
DATE ISS: 82/01/19, 128pp. , 48X: 19085-064, ODI: , TN: GBO1 1.2

8306290764 Deposition of DF Hallman on 820120 in New York, NY. Pp 210-353.

HALLMAN, D. F. : Babcock & Wilcox Co.  
DATE ISS: 82/01/20, 144pp. , 48X: 19085-192, ODI: , TN: GBO1 1.2, 1.4

8306290758 Deposition of DF Hallman on 820121 in New York, NY. Pp 354-458.

HALLMAN, D. F. : Babcock & Wilcox Co.  
DATE ISS: 82/01/21, 105pp. , 48X: 19085-336, ODI: , TN: GBO1 1.11

8306290752 Deposition of DF Hallman on 820122 in New York, NY. Pp 459-547.

HALLMAN, D. F. : Babcock & Wilcox Co.  
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8306290745 Deposition of DF Hallman on 820615 in New York, NY. Pp 549-687.

HALLMAN, D. F. : Babcock & Wilcox Co.  
DATE ISS: 82/06/15, 139pp. , 48X: 19086-168, ODI: , TN: GBO1 1.11

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8306290741 Deposition of DF Hallman on B20616 in New York, NY. Pp 688-838.

HALLMAN, D. F. : Babcock & Wilcox Co.

DATE ISS: 82/06/16, 151pp. , 4BX: 19086-307, ODI: , TN: 0B01 1.2, 1.4, 1.6, 1.11

8306290867 Deposition of HW Hartman on B20716 in Elizabethtown, PA. Pp 1-206.

HARTMAN, H. W. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/07/16, 206pp. , 4BX: 19088-299, ODI: , TN: 0B01 IRRELEVANT

8306290881 Deposition of JG Herbein on B20630 in New York, N. Y. Pp 1-184.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290887 Deposition of JG Herbein on B20701 in New York, N. Y. Pp 185-294.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290892 Deposition of JG Herbein on B20702 in New York, N. Y. Pp 295-395.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290729 Deposition of TF Illjes on B20810 in New York, NY. Pp 1-156.

ILLJES, T. F. : General Public Utilities - GPU Service Corp.

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8306290700 Deposition of ER Kane on 811218 in New York, NY. Pp 376-430.

KANE, E. R. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/12/18, 66pp. , 48X: 19093-257, ODI: , TN: GBO1 1.2, 1.6, 1.14

8306290987 Deposition of BA Karrasch on 810619 in New York, NY.  
Pp 325-398.

KARRASCH, B. A. : Babcock & Wilcox Co.  
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8306290974 Deposition of RW Keaten on 820105 in New York, NY. Pp 92-201.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
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8306290994 Deposition of RW Keaten on 820107 in New York, NY.  
Pp 345-485.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
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DATE ISS: 82/01/07, 142pp. , 48X: 19096-175, ODI: , TN: GBO1 IRRELEVANT

8306290900 Deposition of R Keaten on 820108 in New York, NY. Pp 488-626.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
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8306290907 Deposition of R Keaten on 820119 in New York, NY. Pp 628-764.  
Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
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B306290913 Deposition of R Keaten on B20120 in New York, NY. Pp 765-904.  
Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/01/20, 140pp. , 4BX: 19097-230, ODI: , TN: 0B01 1.2, 1.4, 1.5, 1.6, 1.7

B306290918 Deposition of R Keaten on B20121 in New York, NY. Pp 905-  
1,056. Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/01/21, 152pp. , 4BX: 19098-009, ODI: , TN: 0B01 1.7

B306290908 Deposition of JJ Kelly on B10504 in New York, N. Y. Pp 1-169.

KELLY, J. J. : Babcock & Wilcox Co.  
DATE ISS: 81/05/04, 169pp. , 4BX: 19098-161, ODI: , TN: 0B01 1.4

B306290915 Deposition of JJ Kelly on B10505 in New York, N. Y. Pp 170-314.

KELLY, J. J. : Babcock & Wilcox Co.  
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B306290920 Deposition of JJ Kelly on B10506 in New York, N. Y. Pp 315-452.

KELLY, J. J. : Babcock & Wilcox Co.  
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B306290925 Deposition of JJ Kelly on B10507 in New York, N. Y. Pp 453-555.

KELLY, J. J. : Babcock & Wilcox Co.  
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8306290744 Deposition of RE Kosiba on 810519 in New York, NY. Pp 682-757.

KOSIBA, R. E. : Babcock & Wilcox Co.

DATE ISS: 81/05/19, 76pp. , 48X: 19102-052, ODI: , TN: 0801

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8306290782 Deposition of DW LaBelle on 810603 in New York, NY.  
Pp. 129-251A.

LABELLE, D. W. : Babcock & Wilcox Co.

DATE ISS: 81/06/03, 124pp. , 48X: 19104-144, ODI: , TN: 0801

1.2

8306290836 Deposition of LC Lanese on 820324 in New York, NY. Pp 1-128.

LANESE, L. C. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/03/24, 128pp. , 48X: 19125-001, ODI: , TN: 0801

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8306290792 Deposition of JA Lind on 820622 in Rockville, MD. Pp 1-185.

LIND, J. A. : NUS Corp.

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1.2, 1.4, 1.5, 1.6, 1.8,  
1.9, 1.11

8306290796 Deposition of JA Lind on 820623 in Rockville, MD. Pp 186-412.

LIND, J. A. : NUS Corp.

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1.2, 1.4, 1.5, 1.6, 1.8,  
1.11

8306290787 Deposition of RL Long on 820520 in New York, NY. Pp 313-417.

LONG, R. L. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/20, 104pp. , 48X: 19695-131, ODI: , TN: 0801

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8306290793 Deposition of RL Long on 820521 in New York, NY. Pp 417A-478.

LONG, R. L. : General Public Utilities - GPU Service Corp.

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8306290800 Deposition of JH MacMillan on 820610 in New York, NY.  
Pp 134-324.

MACMILLAN, J. R. : Babcock & Wilcox Co.

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1.2, 1.11

8306290825 Deposition of BA Mehler on 810728 in New York, NY. Pp 1-172.

MEHLER, B. A. : Metropolitan Edison Co.

DATE ISS: 81/07/28, 172pp. , 48X: 19131-031, ODI: , TN: 6B01

1.2

8306290806 Deposition of BA Mehler on 810730 in New York, NY. Pp 364-679.

MEHLER, B. A. : Metropolitan Edison Co.

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8306290848 Deposition of C Michelson on 820319 in Washington, DC. Pp 152-308.

MICHELSON, C. : Director's Office

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1.2, 1.6

8306290837 Deposition of GP Miller on 820602 in New York, NY. Pp 1-128.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/06/02, 129pp. , 48X: 19134-160, ODI: , TN: 6B01

1.2

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8306290847 Deposition of GP Miller on 820607 in New York, NY. Pp 396-473.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290897 Deposition of GP Miller on 820608 in New York, NY. Pp 474-600.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290914 Deposition of GP Miller on 820610 in New York, NY. Pp 727-873.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/06/10, 147pp. , 48X: 19136-164, ODI: , TN: GB01 1.1

8306290880 Deposition of TD Murray on 820128 in Toledo, OH. Pp 1-165.

MURRAY, T. D. : Toledo Edison Co.

DATE ISS: 82/01/28, 167pp. , 48X: 19137-143, ODI: , TN: GB01 NOT REVIEWED

8306290856 Deposition of JD Phinney on 820113 in New York, NY. Pp 1-134.

PHINNEY, J. D. : Babcock & Wilcox Co.

DATE ISS: 82/01/13, 134pp. , 48X: 19138-154, ODI: , TN: GB01 NOT REVIEWED

8306290909 Deposition of WE Potts on 820107 in New York, NY. Pp 1-176.

POTTS, W. E. : General Public Utilities - GPU Service Corp.

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8306290912 Deposition of MJ Ross on 81117 in Harrisburg, PA. Pp 1-201.

ROSS, M. J. : Metropolitan Edison Co.

DATE ISS: 81/11/17, 201pp. , 48X: 19141-322, ODI: , TN: 6B01

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8306290902 Deposition of F Scheimann on 820223 in New York, NY. Pp 1-156.

SCHEIMANN, F. : General Public Utilities - GPU Service Corp.

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1.5

8306290942 Deposition of FJ Scheimann on 820225 in New York, NY. Pp 157-287.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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1.2

8306290957 Deposition of FJ Scheimann on 820226 in New York, NY. Pp 288-399.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290965 Deposition of FJ Scheimann on 820401 in New York, NY. Pp 400-519.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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1.2, 1.5

8306290870 Deposition of FJ Scheimann on 820427 in New York, NY. Pp 557-723.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290878 Deposition of FJ Scheimann on 820428 in New York, NY. Pp 724-881.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290884 Deposition of FJ Scheimann on 820608 in New York, NY. Pp 888-999.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290890 Deposition of FJ Scheimann on 820609 in New York, NY. Pp 1000-1068.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306300009 Deposition of JL Seelinger on 811019 in Palm Beach, FL. Pp 1-101.

SEELINGER, J. L. : United Technologies Corp.

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8306290948 Deposition of JL Seelinger on 811020 in Palm Beach, FL. Pp 102-248.

SEELINGER, J. L. : United Technologies Corp.

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1.2, 1.11

8306290941 Deposition of JL Seelinger on 811021 in Palm Beach, FL. Pp 249-413.

SEELINGER, J. L. : United Technologies Corp.

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1.4

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8306290737 Deposition of JL Seelinger on B11022 in Palm Beach, FL. Pp  
414-539.

SEELINGER, J. L. :United Technologies Corp.

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8306290932 Deposition of JL Seelinger on B11023 in Palm Beach, FL. Pp  
540-609.

SEELINGER, J. L. :United Technologies Corp.

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8306290820 Deposition of RJ Toole on B10622 in New York, NY.  
Pp 1-279.

TOOLE, R. J. :General Public Utilities - GPU Service Corp.

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8306290824 Deposition of RJ Toole on B10623 in New York, NY. Pp 280-506.

TOOLE, R. J. :General Public Utilities - GPU Service Corp.

DATE ISS: 81/06/23, 226pp. , 48X: 19152-345, ODI: , TN: GBO1 1.1, 1.2

8306290754 Deposition of RL Williams on B20812 in New York, NY.  
Pp 1-9B.

WILLIAMS, R. L. :Ebasco Services, Inc. (subs. of Enserch Corp.)

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8306290775 Deposition of RW Zechman on B20310 in New York, NY.  
Pp 1-156.

ZECHMAN, R. W. :General Public Utilities - GPU Service Corp.

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8306290781 Deposition of RW Zechman on 820311 in New York, NY.  
Pp 157-272.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290788 Deposition of RW Zechman on 820312 in New York, NY.  
Pp 273-376.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290794 Deposition of RW Zechman on 820324 in New York, NY.  
Pp 377-523.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290801 Deposition of RW Zechman on 820325 in New York, NY.  
Pp 524-640.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290749 Deposition of RW Zechman on 820326 in New York, NY. Pp  
642-728.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290753 Deposition of RW Zechman on 820429 in New York, NY. Pp  
729-916.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290761 Deposition of WH Zewe on 820520 in New York, NY. Pp 1-121.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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8306290766 Deposition of WH Zewe on 820521 in New York, NY. Pp 122-248.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/05/21, 126pp. , 48X: 19166-078, ODI: , TN: GB01 1.2, 1.5

8306290770 Deposition of W Zewe on 820524 in New York, NY. Pp 249-350.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/05/24, 101pp. , 48X: 19166-207, ODI: , TN: GB01 1.7

8306290746 Deposition of WH Zewe on 820525 in New York, NY. Pp 351-479.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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8306290751 Deposition of WH Zewe on 820526 in New York, NY. Pp 480-645.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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8306290756 Deposition of WH Zewe on 820527 in New York, NY. Pp 646-790.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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8306290760 Deposition of WH Zewe on 820528 in New York, NY. Pp 791-853.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

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CATEGORY 1

EXHIBITS

U. S. NUCLEAR REGULATORY COMMISSION  
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8307020119 Clarifies role of TMI training dept & svc provided by  
training administrators.

ZECHMAN, R.W. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:78/02/21, 2pp. ,48X:19240-344,ODI:B&W 0055 ,TN:GB01 NOT REVIEWED

8307020122 Defines Unit 2 control room operator training program,  
scheduled to start on 750811.

SEELINGER, J.L. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:75/08/06, 9pp. ,48X:19242-196,ODI:B&W 0057 ,TN:GB01 NOT REVIEWED

8307020124 Discusses elements of Unit 2 control room operator training  
program for individual to receive cold operator license. Memo  
is training dept Administrative Memo 12, Change 1.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/03/12, 3pp. ,48X:19242-233,ODI:B&W 0058 ,TN:GB01 NOT REVIEWED

8307050027 Outlines Unit 2 control room operators training program. Memo  
canceled on 780715.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/08/30, 2pp. ,48X:19242-236,ODI:B&W 0059 ,TN:GB01 IRRELEVANT

8307050041 Forwards outline of Unit 2 cold licensing reactor operator &  
senior reactor operator training program. Briefly describes  
program.

GOODMAN, D.A. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:77/04/04, 8pp. ,48X:19242-238,ODI:B&W 0060 ,TN:GB01 NOT REVIEWED

8307020022 Discusses incorporation of Unit 1 & other operating  
experience into Unit 2 training effort.

SEELINGER, J. :Metropolitan Edison Co.  
TSAGGARIS, L. :Metropolitan Edison Co.  
DATE ISS:77/04/06, 1p. ,48X:19208-296,ODI:B&W 0072 ,TN:GB01 IRRELEVANT

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8307020025 Advises that min 1 h training program being prepared to cover industry experience, Unit 1 experience & ROs from similar units, per J Seelinger 770406 request.

GOODMAN, D.A. :Metropolitan Edison Co.

TSAGGARIS, A. :Metropolitan Edison Co.

DATE ISS:77/04/12, 1p. ,48X:19208-297,ODI:B&W 0073 ,TN:GB01

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8307020027 Discusses dissemination of generic info to licensees by IE bulletins, circulars & info notices.

\* :Metropolitan Edison Co.

DATE ISS:81/06/11, 3pp. ,48X:19208-298,ODI:B&W 0075 ,TN:GB01

NOT REVIEWED

8307020034 Discusses results of QC audit of ANSI Std 18.1 requirements, notification of operator exam failure, receipt of info on transients at other B&W plants, industry comparison re NRC exams & NRC grading of exams.

BROWN, N.P. :General Public Utilities - GPU Service Corp.

:General Public Utilities - GPU Service Corp.

DATE ISS:81/06/11, 3pp. ,48X:19208-306,ODI:B&W 0078 ,TN:GB01

NOT REVIEWED

8307020037 "R Trip/Engineered Safeguards Incident, 780423."

\* :Babcock & Wilcox Co.

DATE ISS:81/06/12, 89pp. ,48X:19208-337,ODI:B&W 0079 ,TN:GB01

NOT REVIEWED

8307050510 Advises that licensee did not receive Insp Rept 50-346/78-06 re transient event prior to 790530 hearing. Documents encl illustrate actual notice of info on certain operating problems encountered at other plants.

ARNOLD, R.C. :General Public Utilities - GPU Service Corp.

KEMENY, J.G. :President's Commission on the Accident at Three Mile Island

DATE ISS:79/08/30, 5pp. ,48X:19324-064,ODI:B&W 0208 ,TN:GB01

NOT REVIEWED

8307070193 Forwards final minutes of Meeting 30 of General Ofc Review Board re TMI.

REPPERT, D.H. :General Public Utilities - GPU Service Corp.

BARTMAN, J.S. :General Public Utilities - GPU Service Corp.

DATE ISS:78/10/24, 11pp. ,48X:19325-060,ODI:B&W 0209 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070269 "Master Contract for Engineering & Technical Svcs."

ARNOLD :Metropolitan Edison Co.  
: DATE ISS:75/03/27, 13pp. ,48X:19325-170,ODI:B&W 0214 ,TN:GB01 NOT REVIEWED

8307070273 Rev C to "Proposal for Long-term Contract for TMI Nuclear Station Units I & II Operator Training."

\* :Babcock & Wilcox Co.  
: DATE ISS:75/03/07, 16pp. ,48X:19325-184,ODI:B&W 0215 ,TN:GB01 NOT REVIEWED

8307070277 "Master Contract for Engineering & Technical Svcs."

MILLER,C.G. :Metropolitan Edison Co.  
: DATE ISS:73/10/01, 10pp. ,48X:19325-228,ODI:B&W 0216 ,TN:GB01 NOT REVIEWED

8307070310 "Proposal for Supply of Long-Term Contract for TMI Nuclear Station Operator Training."

\* :Babcock & Wilcox Co.  
: DATE ISS:74/10/23, 14pp. ,48X:19325-247,ODI:B&W 0223 ,TN:GB01 NOT REVIEWED

8307070313 Proposes long-term training svc contract for continued support of training program.Proposal A4-61 Rev A encl.

HELLER,F.C. :Babcock & Wilcox Co.  
GUERIN,J.E. :Metropolitan Edison Co.  
DATE ISS:75/02/04, 17pp. ,48X:19325-289,ODI:B&W 0224 ,TN:GB01 NOT REVIEWED

8307070320 Proposes long-term training svc contract for continued support of training program.Proposal A4-61 Rev C encl.

HELLER,F.C. :Babcock & Wilcox Co.  
GUERIN,J.E. :Metropolitan Edison Co.  
DATE ISS:75/03/07, 17pp. ,48X:19325-348,ODI:B&W 0226 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070324 Recommends prompt action in approving B&W simulator training  
Contract Proposal A4-61 Rev B.

HETRICK, D.E. :General Public Utilities - GPU Service Corp.  
ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:75/02/28, 2pp. ,48X:19326-003,ODI:B&W 0227 ,TN:GB01

NOT REVIEWED

8307020075 "Final Rept of TMI-2 Accident Assessment Documentation -  
Training Programs & Procedure Review."

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:79/05/16, 25pp. ,48X:19244-348,ODI:B&W 0232 ,TN:GB01

NOT REVIEWED

8307020078 "Use of B&W Simulator Before & After TMI-2 Accident on  
790328."

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:81/07/21, 8pp. ,48X:19245-011,ODI:B&W 0233 ,TN:GB01

NOT REVIEWED

8307020081 "Pedagogical Review of Reactor Operator Training at TMI  
Nuclear Plant," post TMI-2 accident analysis.

WITZIG, W.F. :Pennsylvania State Univ.  
: |  
DATE ISS:80/07/31, 33pp. ,48X:19245-019,ODI:B&W 0234 ,TN:GB01

NOT REVIEWED

8307020084 Resume of BA Mehler.

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:79/07/20, 10pp. ,48X:19245-081,ODI:B&W 0235 ,TN:GB01

NOT REVIEWED

8307120620 Forwards final rept on 780423 reactor trip/ES of 780423  
incident.

SEELINGER, J.L. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:78/05/04, 89pp. ,48X:19501-267,ODI:B&W 0246 ,TN:GB01

1.1, 1.9

U. S. NUCLEAR REGULATORY COMMISSION  
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8307050320 Suggests areas in which evaluation of 790423 incident could  
be more accurate & complete. Concentration suggested in areas  
of malfunctioning safeties, flow testing of Mu-V-16s &  
poorly-designed alarm sys.  
FREDERICK, E. :General Public Utilities - GPU Service Corp.  
:Babcock & Wilcox Co.  
DATE ISS:78/05/03, 5pp. ,48X:19327-243,ODI:B&W 0264 ,TN:GB01 1.2

8307050526 Preliminary inquiry of TMI incident of 790328.

ZEWE, W.H. :General Public Utilities - GPU Service Corp.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/03, 50pp. ,48X:19327-282,ODI:B&W 0271 ,TN:GB01 1.2, 1.4, 1.6

8307060513 "Atomic Physics."

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/24, 903pp. ,48X:19272-237,ODI:B&W 0276 ,TN:GB01 1.2, 1.6

8307080024 Documentation discussing feedwater sys.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/24, 344pp. ,48X:19330-019,ODI:B&W 0277 ,TN:GB01 1.1, 1.2

8307080027 "B&W Videotape Training Manual." Cover page only.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/24, 1p. ,48X:19331-001,ODI:B&W 0278 ,TN:GB01 1.1, 1.4

8307120648 "B&W Videotape Training Manual," re integrated control sys.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/24, 130pp. ,48X:19502-077,ODI:B&W 0278 ,TN:GB01 NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
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8307120658 "B&W Videotape Training Manual," re detailed description  
of transient.

\* :Babcock & Wilcox Co.

DATE ISS:81/09/24, 4pp. ,48X:19502-207,ODI:B&W 0278A ,TN:GB01 NOT REVIEWED

8307080123 Forwards confidential info re cross-licensing status rept.

SEELINGER,J. :Metropolitan Edison Co.

HERBEIN,J. :Metropolitan Edison Co.

DATE ISS:75/04/14, 15pp. ,48X:19331-227,ODI:B&W 0289 ,TN:GB01 NOT REVIEWED

8307080130 Discusses Unit 2 control room operator training on Unit 1,  
for period 751201-760116.Lists areas to be covered.

\* :Metropolitan Edison Co.

:Metropolitan Edison Co.

DATE ISS:75/11/17, 1p. ,48X:19331-242,ODI:B&W 0290 ,TN:GB01 NOT REVIEWED

8307080136 Discusses yearly simulator training program per request.

ZECHMAN,R. :Metropolitan Edison Co.

SEELINGER,J. :Metropolitan Edison Co.

DATE ISS:78/06/07, 1p. ,48X:19331-243,ODI:B&W 0291 ,TN:GB01 NOT REVIEWED

8307080143 Discusses justification for acquiring funds to purchase  
simulator.

SEELINGER,J.L. :Metropolitan Edison Co.

ZECHMAN,D. :Metropolitan Edison Co.

DATE ISS:78/06/07, 2pp. ,48X:19331-244,ODI:B&W 0292 ,TN:GB01 NOT REVIEWED

8307120670 Forwards list of evolutions & emergencies to be conducted  
& responded to during simulator requalification training.

SEELINGER,J.L. :Metropolitan Edison Co.

ELLIOT,M.S. :Babcock & Wilcox Co.

DATE ISS:75/03/06, 4pp. ,48X:19502-214,ODI:B&W 0293 ,TN:GB01 1.2, 1.11

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080150 Forwards schedule for six 1-wk requalification training programs.

STREET, B.W. :Babcock & Wilcox Co.  
SEELINGER, J. :Metropolitan Edison Co.  
DATE ISS:75/03/11, 2pp. ,48X:19331-246, ODI:B&W 0294 ,TN:GB01 NOT REVIEWED

8307080161 Documentation on simulator.

\* :Babcock & Wilcox Co.  
DATE ISS:75/02/28, 42pp. ,48X:19331-285, ODI:B&W 0296 ,TN:GB01 NOT REVIEWED

8307080165 Discusses specific assignments for JR Floyd & JL Seelinger re STS.

MILLER, G.P. :Metropolitan Edison Co.  
FLOYD, J.R. :Metropolitan Edison Co.  
DATE ISS:77/03/03, 2pp. ,48X:19331-355, ODI:B&W 0297 ,TN:GB01 NOT REVIEWED

8307080196 Forwards memo indicating problem w/lack of attendance at requalification training. Prior to granting vacation for personnel, training schedule should be checked.

LAWYER, L.L. :Metropolitan Edison Co.  
DATE ISS:78/09/19, 2pp. ,48X:19332-021, ODI:B&W 0302 ,TN:GB01 1.7

8307120683 Provides documentation on third 5-wk requalification training program attendance. Figures show slight improvement.

BEEYS, M.L. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:78/09/01, 1p. ,48X:19501-362, ODI:B&W 0304 ,TN:GB01 1.2

8307070385 Draft transcript of investigative task force meeting w/ operating crew on duty in control room on morning of 790328.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:82/01/07, 234pp. ,48X:19321-015, ODI:B&W 0346 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070397 First draft "GPU Task Force Interim Summary Rept."

*	:General Public Utilities - GPU Service Corp. : DATE ISS:79/09/28, 56pp. ,48X:19321-250,ODI:B&W 0347 ,TN:GB01	1.2, 1.4, 1.5, 1.6
8308230585 Transcript of TMI Investigative Task Force Taped Interview 4 (Keaten Tapes) on 790824.Pp 1-45.		
*	:General Public Utilities - GPU Service Corp. : DATE ISS:79/08/24, 46pp. ,48X:20125-198,ODI:B&W 0347D ,TN:GB01	NOT REVIEWED
8308230597 Transcript of TMI Investigative Task Force Taped Interview 5 (Keaten Tapes) on 790919.Pp 1-61.		
*	:General Public Utilities - GPU Service Corp. : DATE ISS:79/09/19, 62pp. ,48X:20125-244,ODI:B&W 0347E ,TN:GB01	NOT REVIEWED
8308230601 Transcript of TMI Investigative Task Force Taped Interview 6 (Keaten Tapes) on 790919.Pp 1-60.		
*	:General Public Utilities - GPU Service Corp. : DATE ISS:79/09/19, 61pp. ,48X:20125-307,ODI:B&W 0347F ,TN:GB01	NOT REVIEWED
8308230606 Transcript of TMI Investigative Task Force Taped Interview 7 (Keaten Tapes) on 790919.Pp 1-63.		
*	:General Public Utilities - GPU Service Corp. : DATE ISS:79/09/19, 64pp. ,48X:20126-007,ODI:B&W 0347G ,TN:GB01	NOT REVIEWED
8308230612 Transcript of TMI Investigative Task Force Taped Interview 9 (Keaten Tapes) on 790919.Pp 1-30.		
*	:General Public Utilities - GPU Service Corp. : DATE ISS:79/09/19, 31pp. ,48X:20126-138,ODI:B&W 0347I ,TN:GB01	NOT REVIEWED

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8308230617 Transcript of TMI Investigative Task Force Taped Interview  
10 (Keaten Tapes) on 790920.Pp 1-64.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/09/20, 65pp. ,48X:20126-169,ODI:B&W 0347J ,TN:GB01

NOT REVIEWED

8308230619 Transcript of TMI Investigative Task Force Taped Interview  
11 (Keaten Tapes) on 790920.Pp 1-66.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/09/20, 67pp. ,48X:20126-234,ODI:B&W 0347K ,TN:GB01

NOT REVIEWED

8308230623 Transcript of TMI Investigative Task Force Taped Interview  
12 (Keaten Tapes) on 790920.Pp 1-59.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/09/20, 60pp. ,48X:20126-301,ODI:B&W 0347L ,TN:GB01

NOT REVIEWED

8308230626 Transcript of TMI Investigative Task Force Taped Interview  
13 (Keaten Tapes) on 790924.Pp 1-26.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/09/24, 27pp. ,48X:20126-359,ODI:B&W 0347M ,TN:GB01

NOT REVIEWED

8307070438 Second draft "GPU Task Force Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/10/06, 57pp. ,48X:19322-016,ODI:B&W 0349 ,TN:GB01

1.2, 1.3, 1.4, 1.6

8307080673 Forwards "GPU Task Force Interim Summary Rept," third draft  
re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48X:19402-181,ODI:B&W 0350 ,TN:GB01

1.2, 1.3, 1.4, 1.6, 1.8,  
1.10, 1.14

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8307080681 Forwards "GPU Task Force Interim Summary Rept" re findings & conclusions to date & presenting preliminary recommendations re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/29, 1p. ,48X:19402-339,ODI:B&W 0351 ,TN:GB01 1.2, 1.3, 1.4, 1.6, 1.8, 1.10, 1.14

8307080688 "GPU Accident Review Task Force Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/28, 41pp. ,48X:19403-019,ODI:B&W 0352 ,TN:GB01 1.2, 1.3, 1.4, 1.6, 1.8, 1.10, 1.14

8307080693 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:80/03/24, 41pp. ,48X:19403-068,ODI:B&W 0354 ,TN:GB01 1.2, 1.3, 1.4, 1.5

8307080695 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:80/05/12, 50pp. ,48X:19403-112,ODI:B&W 0355 ,TN:GB01 NOT REVIEWED

8307080698 "GPU Accident Review Task Force Final Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/12/15, 49pp. ,48X:19403-161,ODI:B&W 0356 ,TN:GB01 1.2, 1.4, 1.5, 1.6

8307080699 Forwards marked-up task force rept indicating significant differences from interim rept.W/o encl.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/09/02, 1p. ,48X:19404-017,ODI:B&W 0357 ,TN:GB01 NOT REVIEWED

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8307120734 Transcript of 790412 interview w/G Miller.Pp 1-58.

\* :Metropolitan Edison Co.  
:1  
DATE ISS:79/04/12, 58pp. ,48X:19502-230,ODI:B&W 0360 ,TN:GB01 1.2

8307080708 Transcript of task force interviews.

\* :General Public Utilities - GPU Service Corp.  
:1  
DATE ISS:79/09/19, 110pp. ,48X:19404-024,ODI:B&W 0361 ,TN:GB01 NOT REVIEWED

8307080709 Transcript of interview w/util crew not directly involved in  
790328 accident.

\* :General Public Utilities - GPU Service Corp.  
:1  
DATE ISS:82/01/21, 288pp. ,48X:19404-134,ODI:B&W 0362 ,TN:GB01 NOT REVIEWED

8307080717 Forwards results,conclusions & recommendations re Task 1,  
Subtask 4 & Task 2,Subtasks 5 & 7 concerning TMI-2 accident  
review.

KITTELSON,L.L. :Metropolitan Edison Co.  
TSAGGARIS,A. :Metropolitan Edison Co.  
DATE ISS:79/09/28, 21pp. ,48X:19405-064,ODI:B&W 0365 ,TN:GB01 NOT REVIEWED

8307080720 "Task 2 Rationale for Operation/Staff Response Subtask 8 -  
Define Why HPI was Modulated."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
:1  
DATE ISS:79/08/03, 3pp. ,48X:19405-084,ODI:B&W 0366 ,TN:GB01 NOT REVIEWED

8307080055 Forwards draft TMI-111. "Analysis of TMI-2 Operator  
Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
ARNOLD,R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/18, 1p. ,48X:19333-251,ODI:B&W 0374 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080063 Excerpt from "Lessons Learned From TMI In Reactor  
Instrumentation & Diagnostics."

\* :Babcock & Wilcox Co.

DATE ISS:83/07/06, 1p. ,48X:19334-004,ODI:B&W 0376 ,TN:GB01

NOT REVIEWED

8307080064 Procedure 054 "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.

DATE ISS:79/10/19, 43pp. ,48X:19334-005,ODI:B&W 0377 ,TN:GB01

NOT REVIEWED

8307080074 LER 79-014/01T: on 790502, reactor high pressure scram  
occurred. Caused by lack of procedural direction to operators  
w/reactor scrambled & recirculation pumps tripped. Procedures  
reviewed & changed. W/790516 ltr.

ROSS,D.A. :Jersey Central Power & Light Co.

GRIER,B.H. :Region 1, Office of Director

DATE ISS:79/05/16, 6pp. ,48X:19334-078,ODI:B&W 0379 ,TN:GB01

NOT REVIEWED

8307080125 Forwards rept re 790502 transient which resulted in  
unexpected low water level in reactor vessel.

FINFROCK,I.R. :Jersey Central Power & Light Co.

:Office of Nuclear Reactor Regulation, Director

DATE ISS:79/05/12, 2pp. ,48X:19334-132,ODI:B&W 0386 ,TN:GB01

NOT REVIEWED

8307080241 Second draft of GPU Task Force "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.

DATE ISS:79/10/06, 66pp. ,48X:19335-358,ODI:B&W 0402 ,TN:GB01

NOT REVIEWED

8307080244 Forwards third draft to, "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.

:General Public Utilities - GPU Service Corp.

DATE ISS:79/10/17, 1p. ,48X:19336-118,ODI:B&W 0403 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080247 Third draft of "Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:79/10/17, 73pp. ,48X:19336-119,ODI:B&W 0403 ,TN:GB01 NOT REVIEWED

8307080642 Draft training program assessment.

\* :Babcock & Wilcox Co.  
: ;  
DATE ISS:79/05/08, 8pp. ,48X:19336-339,ODI:B&W 0405 ,TN:GB01 NOT REVIEWED

8307080645 Discusses TMI Unit 1 restart training & procedures.  
Procedures should include expected temps down stream of  
stuck open primary relief valve.

BROUGHTON,G. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/22, 4pp. ,48X:19336-347,ODI:B&W 0406 ,TN:GB01 NOT REVIEWED

8307080649 Operational log. "Influence of Operator Action."

\* :Babcock & Wilcox Co.  
: ;  
DATE ISS:82/02/09, 7pp. ,48X:19336-351,ODI:B&W 0407 ,TN:GB01 NOT REVIEWED

8307110687 Resume of JR Floyd.

FLOYD,J.R. :Metropolitan Edison Co.  
: ;  
DATE ISS:82/02/18, 1p. ,48X:19442-176,ODI:B&W 0460 ,TN:GB01 NOT REVIEWED

8307110690 Discusses reactor operator training at B&W in Lynchburgh,VA.

\* :General Public Utilities - GPU Service Corp.  
HERBEIN :General Public Utilities - GPU Service Corp.  
DATE ISS:76/06/24, 3pp. ,48X:19442-117,ODI:B&W 0461 ,TN:GB01 NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
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8307110693 Discusses status of operator training progress for wk  
ending 770227. All groups have fallen way off regional  
curves. Program in trouble.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J. :Metropolitan Edison Co.  
DATE ISS:77/03/01, 11pp. ,48X:19442-180, ODI:B&W 0462 ,TN:GB01 1.7

8307120795 Summarizes results of 770714 oral exams for Unit 2 licensing  
candidates.

TSAGGARIS, A. :Metropolitan Edison Co.  
LAWYER, L.L. :Metropolitan Edison Co.  
DATE ISS:77/07/18, 5pp. ,48X:19502-327, ODI:B&W 0463 ,TN:GB01 NOT REVIEWED

8307110696 Progress rept sheet for C Keyser, D Boltz & R Heilman for  
May 10 through Jul 1.

SMITH, J. :General Public Utilities - GPU Service Corp.  
DATE ISS:82/02/18, 4pp. ,48X:19442-191, ODI:B&W 0464 ,TN:GB01 NOT REVIEWED

8307110699 Operational log. Summary of operational sequence of events on  
790328 accident.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:82/02/18, 241pp. ,48X:19442-195, ODI:B&W 0465 ,TN:GB01 NOT REVIEWED

8307090230 Vol II, "Accident."

\* :Babcock & Wilcox Co.  
DATE ISS:79/11/02, 318pp. ,48X:19412-126, ODI:B&W 0466 ,TN:GB01 NOT REVIEWED

8307090240 Marked-up handwritten notes on NRC Insp 77-04 on 770201-03.

SEELINGER, J.L. :Metropolitan Edison Co.  
DATE ISS:77/02/03, 7pp. ,48X:19413-087, ODI:B&W 0468 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090249 Proposed agenda for 771012-13 GORB briefing.

SEELINGER, J.L. ;Metropolitan Edison Co.  
BROUGHTON, T.G. ;Metropolitan Edison Co.  
DATE ISS:77/09/12, 2pp. ,48X:19413-127,ODI:B&W 0470 ,TN:GB01 NOT REVIEWED

8307090267 Resume of FJ Scheimann.

SCHEIMANN, F.J. ;Metropolitan Edison Co.  
DATE ISS:82/02/23, 2pp. ,48X:19413-172,ODI:B&W 0514 ,TN:GB01 NOT REVIEWED

8307090272 Job-related training program records for F Scheimann.

\* ;Metropolitan Edison Co.  
DATE ISS:82/02/23, 3pp. ,48X:19413-174,ODI:B&W 0515 ,TN:GB01 NOT REVIEWED

8307090278 Attendees at 740905, 06, 1129 & 1203 training programs re selected emergency procedures, operational QA, Tech Spec review & major operational evaluations.

SEELINGER, J. ;Metropolitan Edison Co.  
DATE ISS:74/09/06, 5pp. ,48X:19413-177,ODI:B&W 0516 ,TN:GB01 NOT REVIEWED

8307090281 Computer list of training courses, dates & instructors.

\* ;Metropolitan Edison Co.  
DATE ISS:75/12/31, 3pp. ,48X:19413-182,ODI:B&W 0517 ,TN:GB01 NOT REVIEWED

8307090287 Notices of second progress evaluation exam for, cold licensing. Matl to be covered in exam listed.

GOODMAN, D. ;Metropolitan Edison Co.  
NEUMANN, D. ;Metropolitan Edison Co.  
DATE ISS:77/03/25, 4pp. ,48X:19413-185,ODI:B&W 0518 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090294 Computerized list of lesson programs dates & employees.

\* :Metropolitan Edison Co.  
: |  
DATE ISS:78/03/28, 2pp. ,48X:19413-190,ODI:B&W 0520 ,TN:GB01 NOT REVIEWED

8307090304 Senior Operator License OP-3237 for FJ Scheimann at TMI-2.

COLLINS,P.F. : Assistant Director for Operating Reactors  
: |  
DATE ISS:78/05/03, 1p. ,48X:19413-194,ODI:B&W 0522 ,TN:GB01 NOT REVIEWED

8307090309 Printout for FJ Scheimann,indicating training courses completed.

SCHEIMANN,F.J. :Metropolitan Edison Co.  
: |  
DATE ISS:79/05/24, 2pp. ,48X:19413-195,ODI:B&W 0523 ,TN:GB01 NOT REVIEWED

8307090313 Administrative training records for F Scheimann.

SCHEIMANN,F.J. :Metropolitan Edison Co.  
: |  
DATE ISS:82/02/25, 10pp. ,48X:19413-225,ODI:B&W 0524 ,TN:GB01 NOT REVIEWED

8307060620 Drawings of integrated control sys subsystems,including reactor demand subsystem & feedwater subsystem.

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:82/02/25, 500pp. ,48X: - ,ODI:B&W 0525 ,TN:GB01 NOT REVIEWED

8307060615 "Horse Book Update."

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:82/02/25, 1133pp. ,48X:19305-302,ODI:B&W 0526 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090317 "Integrated Control Sys," videotape training manual.

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:82/02/25, 982pp. ,48X:19413-235,ODI:B&W 0527 ,TN:GB01 NOT REVIEWED

8307060602 "Unit 2 Reactor Protection Sys."

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:82/02/25, 306pp. ,48X:19303-001,ODI:B&W 0528 ,TN:GB01 NOT REVIEWED

8307060605 "Reactor Theory Review:1978-79 Requal Review Course."

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:79/12/31, 715pp. ,48X:19303-307,ODI:B&W 0529 ,TN:GB01 NOT REVIEWED

8307060515 Documentation on plant sys.

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:82/02/25, 956pp. ,48X:19275-060,ODI:B&W 0530 ,TN:GB01 NOT REVIEWED

8307060508 Documentation of plant sys.

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:82/02/25, 866pp. ,48X:19277-296,ODI:B&W 0531 ,TN:GB01 NOT REVIEWED

8307060562 "Sys Descriptions:Primary sys."

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:83/07/06, 66pp. ,48X:19308-355,ODI:B&W 0532 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060566 "Lecture Series in Nuclear Power Plant Operations."

\* :Pennsylvania State Univ.

DATE ISS:69/04/30, 775pp. ,48X:19309-120,ODI:B&W 0533 ,TN:GB01 NOT REVIEWED

8307060609 "Reactor Theory & Nuclear Physics."

SCHEIMANN,F.J. :Babcock & Wilcox Co.

DATE ISS:82/12/21, 680pp. ,48X:19283-117,ODI:B&W 0534 ,TN:GB01 NOT REVIEWED

8307060612 Rev 0 to nuclear power plant operations manual,Vol 2.

ALBERT,J.R. :Babcock & Wilcox Co.

DATE ISS:75/01/16, 649pp. ,48X:19285-077,ODI:B&W 0535 ,TN:GB01 NOT REVIEWED

8307060517 Documentation on plant sys.

\* :Babcock & Wilcox Co.

DATE ISS:82/02/25, 1,115pp. ,48X:19280-082,ODI:B&W 0536 ,TN:GB01 NOT REVIEWED

8307080576 Continued deposition of FJ Scheimann in Harrisburg,PA.Pp  
129-241.

SCHEIMANN,F.J. :Metropolitan Edison Co.

DATE ISS:79/07/25, 227pp. ,48X:19416-137,ODI:B&W 0537 ,TN:GB01 NOT REVIEWED

8307080749 Forwards outline of util training programs for TMI  
operations,technical & maint staff.

ZECHMAN,R.W. :Metropolitan Edison Co.

HERBEIN,J.C. :Metropolitan Edison Co.

DATE ISS:73/08/01, 13pp. ,48X:19418-137,ODI:B&W 0556 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080751 "Training & Certification of Met Ed TMI-2 Licensed Personnel," summary description.

\* :Metropolitan Edison Co.

DATE ISS:83/07/08, 29pp. ,48X:19418-178,ODI:B&W 0557 ,TN:GB01

NOT REVIEWED

8307110731 "Nuclear Power Preparatory Training Core Performance Course for Met Ed via Video Tape."

\* :NUS Corp.

DATE ISS:83/07/11, 228pp. ,48X:19478-060,ODI:B&W 0558 ,TN:GB01

1.2, 1.6

8307080758 Corrections to RW Zechman 790727 & 30 depositions.

ZECHMAN,R.W. :Metropolitan Edison Co.

DATE ISS:79/08/08, 3pp. ,48X:19418-252,ODI:B&W 0560 ,TN:GB01

NOT REVIEWED

8307110733 Investigation Task Force Interview re TMI.

\* :Babcock & Wilcox Co.

DATE ISS:82/03/11, 4pp. ,48X:19478-040,ODI:B&W 0561 ,TN:GB01

1.2

8307080762 Discusses E Frederick survey of TMI-2 requalification program for 791105-1214.Attendance poor.Support of senior operations personnel lacking.

ZECHMAN,R.W. :Metropolitan Edison Co.

LAWYER,L.L. :Metropolitan Edison Co.

DATE ISS:79/12/20, 2pp. ,48X:19418-284,ODI:B&W 0563 ,TN:GB01

1.7

8307080764 Forwards JL Book 770617 ltr re operator training.Training should be conducted in prof manner.Criticisms should be considered.

O'HANLON,J.P. :Metropolitan Edison Co.

MILLER,G.P. :Metropolitan Edison Co.

DATE ISS:77/06/18, 8pp. ,48X:19418-286,ODI:B&W 0564 ,TN:GB01

1.7, 1.14

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080766 Submits concerns & suggestions for reorganization of  
operator training dept personnel.

ZECHMAN, R.W. :Metropolitan Edison Co.  
LAWYER, L.L. :Metropolitan Edison Co.  
DATE ISS:79/09/17, 6pp. ,48X:19418-294, ODI:B&W 0565 ,TN:GB01 1.2

8307080768 Discusses training dept organization/staffing. Logical  
assignment between functional groups should be stressed &  
operator training section staff should be increased.

MCCORMICK, F.A. :Metropolitan Edison Co.  
ZECHMAN, R.W. :Metropolitan Edison Co.  
DATE ISS:79/09/03, 8pp. ,48X:19418-300, ODI:B&W 0566 ,TN:GB01 1.2

8307080770 Requests comments on encl Penn State initial draft rept  
"Pedagogical Review of Operator Training."

LAWYERS, S. :Metropolitan Edison Co.  
THORPE, J. :Metropolitan Edison Co.  
DATE ISS:80/01/24, 1p. ,48X:19418-308, ODI:B&W 0567 ,TN:GB01 IRRELEVANT

8307080773 Comments on Penn State review committee rept re operator  
training.

ZECHMAN, R.W. :Metropolitan Edison Co.  
SMITH, D. :Metropolitan Edison Co.  
DATE ISS:80/02/06, 3pp. ,48X:19418-350, ODI:B&W 0568 ,TN:GB01 NOT REVIEWED

8307060619 "Lecture Series in Nuclear Power Plant Operations Training."

\* :Babcock & Wilcox Co.  
DATE ISS:82/03/25, 723pp. ,48X:19287-249, ODI:B&W 0570 ,TN:GB01 NOT REVIEWED

8307060616 "Nuclear Energy Training: Plant Performance," Instructor  
Guide.

\* :NUS Corp.  
DATE ISS:82/03/26, 243pp. ,48X:19287-006, ODI:B&W 0571 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110740 "Nuclear Power Plant Operations Manual, Vol 2."

\* :Babcock & Wilcox Co.  
: DATE ISS:82/04/27, 9pp. ,48X:19478-044,ODI:B&W 0614 ,TN:GB01 NOT REVIEWED

8307110083 Application by ER Frederick for reactor operator license.

FREDERICK,E.R. :Metropolitan Edison Co.  
: Operator Licensing Branch  
DATE ISS:77/07/05, 4pp. ,48X:19444-175,ODI:B&W 0645 ,TN:GB01 IRRELEVANT

8307110088 "Evolutions & Emergencies in Which Trainee Participated,"  
760405-0709.

\* :Babcock & Wilcox Co.  
: DATE ISS:76/07/09, 2pp. ,48X:19444-179,ODI:B&W 0646 ,TN:GB01 1.2

8307110091 Reactor operator training program summary.

\* :Metropolitan Edison Co.  
: DATE ISS:81/11/25, 38pp. ,48X:19444-181,ODI:B&W 0646A ,TN:GB01 IRRELEVANT

8307110096 Provides list of personnel that have completed 1-wk  
operator training course at B&W nuclear power plant  
simulator. Simulator training summary sheets encl.

STREET,B.W. :Babcock & Wilcox Co.  
TSAGGARIS,L. :Metropolitan Edison Co.  
DATE ISS:77/06/14, 3pp. ,48X:19444-246,ODI:B&W 0647 ,TN:GB01 1.2

8307110104 Forwards rept on oral audit exams.Summary of items encl  
to assist in preparing for NRC oral exams.

MANGIN,A.M. :General Physics Corp.  
GOODMAN,D. :Metropolitan Edison Co.  
DATE ISS:77/07/21, 8pp. ,48X:19444-251,ODI:B&W 0649 ,TN:GB01 1.2



U. S. NUCLEAR REGULATORY COMMISSION  
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8307110109 Summarizes oral exam results of TMI-2 licensing candidates  
& provides action items for TMI training dept.

TSAGGARIS, A. :Metropolitan Edison Co.  
LAWYER, L. L. :Metropolitan Edison Co.  
DATE ISS:77/07/18, 6pp. ,48X:19444-287,ODI:B&W 0650 ,TN:GB01 1.2

8307110112 Provides info re discussion w/six auxiliary operators re  
level of knowledge in very basic areas. Lists areas that  
individuals request training.

FREDERICK, E. R. :Metropolitan Edison Co.  
ZECHMAN, R. W. :Metropolitan Edison Co.  
DATE ISS:79/09/07, 1p. ,48X:19444-292,ODI:B&W 0651 ,TN:GB01 1.2

8307110118 Documentation on reactor operator exam.

\* :Metropolitan Edison Co.  
DATE ISS:82/05/04, 69pp. ,48X:19444-293,ODI:B&W 0652 ,TN:GB01 IRRELEVANT

8307090157 "TMI Mock NRC Reactor Operator License Exam."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:77/07/11, 4pp. ,48X:19398-061,ODI:B&W 0653 ,TN:GB01 IRRELEVANT

8307110747 Transcript of oversight hearings on 790509, 10, 11 & 13 before  
Task Force of Subcommittee on Energy & Environ of Committee  
on Interior & Insular Affairs, in Washington, DC re accident  
at TMI.

\* :Babcock & Wilcox Co.  
DATE ISS:82/05/11, 88pp. ,48X:19477-265,ODI:B&W 0662 ,TN:GB01 NOT REVIEWED

8307110724 Requests formation of fire member task force to complete  
investigation of encl seven specific issues re 790328  
incident.

ARNOLD, R. C. :General Public Utilities - GPU Service Corp.  
KEATEN, R. W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/27, 5pp. ,48X:19445-337,ODI:B&W 0694 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110732 Submits questions re TMI-2 incident on 790328.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/06/13, 3pp. ,48X:19445-345,ODI:B&W 0697 ,TN:GB01 NOT REVIEWED

8307110735 Submits tasks & subtasks for task teams.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/09, 16pp. ,48X:19445-348,ODI:B&W 0698 ,TN:GB01 NOT REVIEWED

8307110739 Forwards first rough draft, "GPU Task Force Interim Summary Rept."

KEATON,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/28, 1p. ,48X:19446-002,ODI:B&W 0699 ,TN:GB01 NOT REVIEWED

8307110744 Requests copy of encl package re task force draft rept.

LONG,R.L. :Babcock & Wilcox Co.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/07, 6pp. ,48X:19446-116,ODI:B&W 0700 ,TN:GB01 NOT REVIEWED

8307110752 "GPU Task Force Investigative Rept."

BROUGHTON,T.G. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/27, 46pp. ,48X:19446-246,ODI:B&W 0702 ,TN:GB01 NOT REVIEWED

8307110757 "GPU Accident Review Task Force Final Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:80/03/24, 43pp. ,48X:19446-346,ODI:B&W 0703 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110763 Forwards TDR TMI-11, "Analysis of TMI-2 Operator Response,"  
for review. Comments requested by 790625.

BROUGHTON, T.G. : General Public Utilities - GPU Service Corp.  
LONG, R. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/06/21, 32pp. , 48X: 19447-062, ODI: B&W 0705 , TN: GB01

NOT REVIEWED

8307110769 "Analysis of TMI-2 Operator Response."

WALSH, P.S. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/05/20, 36pp. , 48X: 19447-122, ODI: B&W 0706 , TN: GB01

NOT REVIEWED

8307090353 Forwards response to 791025 notice of violation & notice of  
proposed issuance of civil penalties based on IE  
investigation of 790328 accident.

NODDOLD, R.C. : Metropolitan Edison Co.  
STELLO, V. : Office of Inspection & Enforcement, Office of the Director  
DATE ISS: 79/12/05, 97pp. , 48X: 19492-019, ODI: B&W 0707 , TN: GB01

IRRELEVANT

8307090022 Forwards draft "Loss of Feedwater Flow Leading to Accident  
of 790328," for master task force presentation.

LUCIEN, K. : Energy Incorporated  
DATE ISS: 79/09/01, 179pp. , 48X: 19448-240, ODI: B&W 0718 , TN: GB01

1.1

8307090026 Forwards TMI staff interview of H McGovern dtd 790504 &  
DA Berry notes on 790329 re 790328 incident.

ZODIACO, V.P. : General Public Utilities - GPU Service Corp.  
BLAKE, E.L. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/05/10, 531pp. , 48X: 19449-059, ODI: B&W 0719 , TN: GB01

NOT REVIEWED

8307090042 Handwritten sequence of events re TMI-2 incident. Comments  
from 790417 meeting w/Herbein & HMD also encl.

\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/04/20, 8pp. , 48X: 19450-236, ODI: B&W 0723 , TN: GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090054 Notes on operational aspects of 790328 event.

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:79/07/17, 17pp. ,48X:19450-246,ODI:B&W 0726 ,TN:GB01 NOT REVIEWED

8307090009 Draft IE investigation rept of certain aspects of accident  
at TMI-2 on 790328.

\* :Office of Inspection & Enforcement, Office of the Director  
: ;  
DATE ISS:79/07/16, 793pp. ,48X:19450-291,ODI:B&W 0727 ,TN:GB01 NOT REVIEWED

8307090014 "NRC Sequence of Events:Miscellaneous Notes."

\* :Office of Inspection & Enforcement, Office of the Director  
: ;  
DATE ISS:79/06/22, 2pp. ,48X:19453-022,ODI:B&W 0729 ,TN:GB01 NOT REVIEWED

8307120252 Discusses items & assignment of responsibilities needed to  
address NRC IE investigation draft rept findings.Initial  
response requested by 790822 & final response by 790912.

WALLACE,E.G. :General Public Utilities - GPU Service Corp.  
BEHRLE,W.H. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/06, 3pp. ,48X:19454-242,ODI:B&W 0730 ,TN:GB01 NOT REVIEWED

8307120270 Application by WH Zewe for senior reactor operator license.

ZEW,E,W.H. :Metropolitan Edison Co.  
COLLINS,P.F. : Operator Licensing Branch  
DATE ISS:77/07/05, 2pp. ,48X:19455-005,ODI:B&W 0735 ,TN:GB01 NOT REVIEWED

8307120274 Resume of W Zewe.

ZEW,E,W. :Metropolitan Edison Co.  
: ;  
DATE ISS:82/05/20, 2pp. ,48X:19455-007,ODI:B&W 0736 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120341 Transcript of interview w/W Zewe.

ZEWE, W. :Metropolitan Edison Co.

DATE ISS:82/05/28, 16pp. ,48x:19456-345,ODI:B&W 0761 ,TN:GB01

NOT REVIEWED

8307130326 Requests approval of encl Change Mod 2-0298, to connecting  
open light for Unit 2 RCS RC-RV2 to limit switch.

SHOVLIN, D.M. :Metropolitan Edison Co.

KLINGAMAN, R.M. :Metropolitan Edison Co.

DATE ISS:79/01/30, 17pp. ,48x:19501-001,ODI:B&W 0767 ,TN:GB01

NOT REVIEWED

8307120373 Describes Unit 2 control room operator training program,  
scheduled to begin on 750811. Program schedule encl.

SEELINGER, J.L. :Metropolitan Edison Co.

HERBEIN, J.G. :Metropolitan Edison Co.

DATE ISS:75/08/06, 9pp. ,48x:19457-014,ODI:B&W 0770 ,TN:GB01

1.8

8307120375 Discusses Unit 2 control room operator training program  
requirements for cold operators license.

TSAGGARIS, A. :Metropolitan Edison Co.

HERBEIN, J.G. :Metropolitan Edison Co.

DATE ISS:76/03/12, 3pp. ,48x:19457-023,ODI:B&W 0771 ,TN:GB01

1.2

8307120659 Discusses requalification program makeup assignments for  
onshift personnel & nonshift personnel. Implementation of  
program will reduce administrative burden.

TSAGGARIS, A. :Metropolitan Edison Co.

COLITZ, J. :Metropolitan Edison Co.

DATE ISS:76/01/28, 1p. ,48x:19457-026,ODI:B&W 0772 ,TN:GB01

1.7

8307120663 Forwards marked-up Unit 2 training FSAR. Comments on  
licensing encl.

TSAGGARIS, A. :Metropolitan Edison Co.

MILLER, G.P. :Metropolitan Edison Co.

DATE ISS:76/02/08, 6pp. ,48x:19457-027,ODI:B&W 0773 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120667 Discusses final training phase for Unit 2 operator  
licensing. License effort must be number one priority. Info  
package essential & must be completed.

MILLER, G.P. :Metropolitan Edison Co.  
LAWYER, L.L. :Metropolitan Edison Co.  
DATE ISS:77/06/02, 2pp. ,48X:19457-061,ODI:B&W 0774 ,TN:GB01 1.2, 1.16

8307120672 Advises that six shifts needed in operations & five to six  
shifts needed in maint to accomplish requalification program  
training.

LAWYER, L.L. :Metropolitan Edison Co.  
TROFFER, G.J. :Metropolitan Edison Co.  
DATE ISS:78/09/19, 1p. ,48X:19457-063,ODI:B&W 0775 ,TN:GB01 1.7

8307130329 Provides breakdown of requalification program attendance.  
During fifth 5-wk training cycle, attendance was 36% of all  
licensed personnel.

BEERS, M.L. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:78/11/02, 1p. ,48X:19500-359,ODI:B&W 0776 ,TN:GB01 1.7

8307120679 Submits info in response to memo re use of simulator for  
operator training. Requalification program needs rewrite.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/05/07, 3pp. ,48X:19457-064,ODI:B&W 0777 ,TN:GB01 1.2, 1.11

8307120684 Commitment info for Unit 2 FSAR.

\* :Metropolitan Edison Co.  
DATE ISS:75/10/31, 2pp. ,48X:19457-067,ODI:B&W 0778 ,TN:GB01 NOT REVIEWED

8307120688 Discusses GORB Unit 1.

\* :Metropolitan Edison Co.  
HARBIN :Metropolitan Edison Co.  
DATE ISS:82/06/08, 1p. ,48X:19457-069,ODI:B&W 0779 ,TN:GB01 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120695 Assjans responsibilities in development of Tech Specs for facility.  
  
MILLER,G.P. :Metropolitan Edison Co.  
FLOYD,J.R. :Metropolitan Edison Co.  
DATE ISS:77/03/03, 2pp. ,48X:19457-070,ODI:B&W 0780 ,TN:GB01 IRRELEVANT

8307090129 "Lecture Series in Nuclear Power Plant Operations Training."  
  
\* :Pennsylvania State Univ.  
DATE ISS:71/09/30, 2pp. ,48X:19453-026,ODI:B&W 0788 ,TN:GB01 NOT REVIEWED

8307090132 Summary of time spent during senior reactor operator self study program.  
  
SHERMAN,F.J. :Babcock & Wilcox Co.  
DATE ISS:82/06/08, 2pp. ,48X:19453-028,ODI:B&W 0789 ,TN:GB01 NOT REVIEWED

8307090135 Category H Exam Reactory Theory.  
  
SHERMAN,F.J. :Babcock & Wilcox Co.  
DATE ISS:78/04/05, 64pp. ,48X:19453-058,ODI:B&W 0790 ,TN:GB01 NOT REVIEWED

8307090139 Notes discussing heat transfer.  
  
\* :Babcock & Wilcox Co.  
DATE ISS:82/06/09, 7pp. ,48X:19453-097,ODI:B&W 0792 ,TN:GB01 NOT REVIEWED

8307130336 Discusses problems w/operator licensing exams of ltr-designated Individual VV.  
  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/12/09, 2pp. ,48X:19501-055,ODI:B&W 0796 ,TN:GB01 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307130338 Summarizes events re ltr-designated Individual VV participation in 1977/78 requalification program.

ZECHMAN, R.W. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:79/07/10, 3pp. ,48X:19501-057, ODI:B&W 0797 ,TN:GB01 1.7

8307130373 Discusses investigation, evaluation & recommendations re ltr-designated Individual VV operator license exam failure & possible cheating.

MILLER, G.P. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:79/07/27, 5pp. ,48X:19501-060, ODI:B&W 0798 ,TN:GB01 IRRELEVANT

8307130374 Certifies satisfactory rating of ltr-designated Individual VV based upon completion of accelerated requalification program w/score of 99.8.

MILLER, G.P. :Metropolitan Edison Co.  
COLLINS, P.F. :Office of Nuclear Reactor Regulation, Director  
DATE ISS:81/11/17, 1p. ,48X:19501-065, ODI:B&W 0799 ,TN:GB01 1.14

8307090192 Discusses Unit 2 staffing & licensing.

HERBEIN, J.G. :Metropolitan Edison Co.  
ARNOLD, R.C. :Metropolitan Edison Co.  
DATE ISS:75/03/31, 19pp. ,48X:19454-172, ODI:B&W 0839 ,TN:GB01 NOT REVIEWED

8307090197 Discusses cross licensing status rept.

SEELINGER, J. :Metropolitan Edison Co.  
HERBEIN, J. :Metropolitan Edison Co.  
DATE ISS:75/04/14, 16pp. ,48X:19454-191, ODI:B&W 0840 ,TN:GB01 NOT REVIEWED

8307130379 Forwards "TMI Mat Audit, 780109-20." One major area of concern was practice of bypassing chain of command from top to bottom, resulting in duplication of efforts.

TROFFER, G.J. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:78/02/14, 6pp. ,48X:19501-104, ODI:B&W 0843 ,TN:GB01 IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090223 Discusses exit remarks of J Buzzy following GP Miller senior reactor exam, Buzzy considers plant dirty & paper appears to be "falling apart" in control room.

ARNOLD, R.C. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/04/20, 4pp. ,48X:19454-236, ODI:B&W 0844 ,TN:GB01

NOT REVIEWED

8307130385 Suspends 1tr-designated Individual VV from work for period 790813-26, for failure to exercise sound judgement during 1978-79 requalification program.

MILLER, G.P. :Metropolitan Edison Co.  
VV :Metropolitan Edison Co.  
DATE ISS:79/08/08, 3pp. ,48X:19501-143, ODI:B&W 0845 ,TN:GB01

NOT REVIEWED

8307130395 Rev 2 to "TMI Nuclear Station Administrative Procedure 1006, Met Ed Operator Requalification Program."

\* :Metropolitan Edison Co.  
DATE ISS:77/04/11, 17pp. ,48X:19501-154, ODI:B&W 0882 ,TN:GB01

1.7

8307130378 Summary of second TMI mat audit review meeting re operator training, job classification & overtime, responsibility & accountability, policy establishment & promulgation, productivity & leadership.

TROFFER, G.J. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:83/07/13, 6pp. ,48X:19501-171, ODI:B&W 0883 ,TN:GB01

1.2

8307120084 Summary of TMI mat audit review fourth meeting on 780424.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:78/04/24, 12pp. ,48X:19458-127, ODI:B&W 0884 ,TN:GB01

1.2, 1.7

8307120088 Discusses simulator training costs. Revamp of requalification program in order.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/05/07, 3pp. ,48X:19458-139, ODI:B&W 0885 ,TN:GB01

1.2, 1.11

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- 8307120092 Discusses three problem areas in requalification program. Problems concern poor lesson attendance, inordinate time before matl is returned & not enough scheduled time in control room.  
TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/04/27, 1p. ,48X:19458-170,ODI:B&W 0886 ,TN:GB01 1.7, 1.14
- 8307120095 Requests B&W simulator training contract be executed as soon as possible. Requalification training scheduled to start on 750324.  
HERBEIN, J.G. :Metropolitan Edison Co.  
ARNOLD, R.C. :Metropolitan Edison Co.  
DATE ISS:75/03/03, 1p. ,48X:19458-171,ODI:B&W 0887 ,TN:GB01 NOT REVIEWED
- 8307120099 Submits simulator training schedule.  
SEELINGER, J. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:75/03/13, 2pp. ,48X:19458-172,ODI:B&W 0888 ,TN:GB01 NOT REVIEWED
- 8307120113 "Selection, Training, Qualification & Licensing of TMI Reactor Operating Personnel."  
EYCHISON, R. :President's Commission on the Accident at Three Mile Island  
DATE ISS:79/10/31, 184pp. ,48X:19458-178,ODI:B&W 0890 ,TN:GB01 NOT REVIEWED
- 8307120183 Transcript of IE TMI investigation interview w/TF Illjes on 790523 in Middletown, PA.  
ILLJES, T.F. :Metropolitan Edison Co.  
DATE ISS:79/05/23, 26pp. ,48X:19460-011,ODI:B&W 0904 ,TN:GB01 NOT REVIEWED
- 8307120187 Summary of TMI-2 Accident Review Task Force 790824 meeting.  
\* :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:79/08/24, 5pp. ,48X:19460-064,ODI:B&W 0905 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090342 Forwards third draft investigative task force summary report re TMI accident. Report reflects revisions discussed during 791011-12 meetings. Comments requested by 791022.

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
: General Public Utilities - GPU Service Corp.

DATE ISS: 79/10/17, 77pp. , 48X: 19400-353, ODI: B&W 0907 , TN: GB01

NOT REVIEWED

8307090345 Resume of AJ Dominguez.

DOMINGUEZ, A.J. : Pennsylvania Power & Light Co.

DATE ISS: 82/08/17, 1p. , 48X: 19401-124, ODI: B&W 0908 , TN: GB01

NOT REVIEWED

8307090351 "Pressurizer, Lecture Outline."

HAWKINS, T. : Babcock & Wilcox Co.

DATE ISS: 82/08/17, 13pp. , 48X: 19401-126, ODI: B&W 0910 , TN: GB01

NOT REVIEWED

8307090355 "DHR Sys, Lecture Outline."

POJE, S.G. : Babcock & Wilcox Co.

DATE ISS: 82/08/17, 6pp. , 48X: 19401-139, ODI: B&W 0911 , TN: GB01

NOT REVIEWED

8307090359 "ESF, Shift Technical Engineer Briefing Notes."

PERRY, M.J. : Babcock & Wilcox Co.

DATE ISS: 82/08/17, 36pp. , 48X: 19401-173, ODI: B&W 0912 , TN: GB01

NOT REVIEWED

8307090362 "Transient Analysis, Lecture Outline."

NELSON, M.A. : Babcock & Wilcox Co.

DATE ISS: 82/08/17, 67pp. , 48X: 19401-237, ODI: B&W 0913 , TN: GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090365 Rev 0 to Emergency Procedure EP 2202-1.5, "Pressurizer  
Svs Failure."

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:75/11/25, 12pp. ,48X:19401-360,ODI:B&W 0914 ,TN:GB01 NOT REVIEWED

8307090367 Forwards training schedule update for test personnel  
teaching assignments.

ULRICH,J.C. :General Public Utilities - GPU Service Corp.  
TOOLE,R.J. :General Public Utilities - GPU Service Corp.  
DATE ISS:76/06/11, 10pp. ,48X:19402-010,ODI:B&W 0915 ,TN:GB01 NOT REVIEWED

8307090369 "Index of Emergency & Abnormal Procedures."

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:82/08/17, 2pp. ,48X:19402-020,ODI:B&W 0916 ,TN:GB01 NOT REVIEWED

8307090381 Forwards Rev 0 to Draft Procedure DP 11202.06, "Loss of  
Reactor Coolant."

SUHRKE,K.E. :Babcock & Wilcox Co.  
MURRAY,T.D. :Toledo Edison Co.  
DATE ISS:73/04/27, 5pp. ,48X:19402-176,ODI:B&W 1020 ,TN:GB01 NOT REVIEWED

8307090384 Transcript of IE interview of H Hartman on 790522.

HARTMAN,H. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/05/22, 61pp. ,48X:19486-275,ODI:B&W 1021 ,TN:GB01 NOT REVIEWED

8307130382 Transcript of HW Hartman 791029 deposition in Lancaster,PA  
by NRC Special Inquiry Group.

HARTMAN,H.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/09, 59pp. ,48X:19501-209,ODI:B&W 1022 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307110794 Deposition of WH Zewe on 790726 in Harrisburg,PA.Pp 1-187.

ZEW, W.H. :Metropolitan Edison Co.

DATE ISS:79/07/26, 184pp. ,48X:19479-193,ODI:B&W 4006 ,TN:GB01

NOT REVIEWED

8307090279 Transcript of ACRS Subcommittee on TMI-2 790606 meeting in  
Middletown,PA.Pp 1-192.

\* :ACRS - Advisory Committee on Reactor Safeguards

DATE ISS:79/06/06, 228pp. ,48X:19487-104,ODI:B&W 4012 ,TN:GB01

NOT REVIEWED

8307120669 Summary of simulator cold licensing training for E Frederick  
during 760405-0709.

\* :Babcock & Wilcox Co.

DATE ISS:76/07/09, 2pp. ,48X:19462-302,ODI:B&W 4016 ,TN:GB01

NOT REVIEWED

8307120673 Simulators training summary sheet for ER Frederick from  
770606-10.

\* :Babcock & Wilcox Co.

DATE ISS:77/06/10, 1p. ,48X:19462-304,ODI:B&W 4017 ,TN:GB01

NOT REVIEWED

8307120755 Handwritten Test Log,Book 3.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:78/03/30, 3pp. ,48X:19495-298,ODI:B&W 4050 ,TN:GB01

NOT REVIEWED

8307120762 Handwritten Test Log,Book 2.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:77/09/08, 8pp. ,48X:19495-304,ODI:B&W 4052 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120789 Graph of drain tank pressure time after turbine trip.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/11, 1p. ,48X:19495-321,ODI:B&W 4054 ,TN:GB01 NOT REVIEWED

8307130113 Transcript of 790424 interview w/util.

\* :Director's Office, Office of Inspection and Enforcement  
: DATE ISS:79/04/24, 3pp. ,48X:19497-007,ODI:B&W 5005AA ,TN:GB01 NOT REVIEWED

8307010268 "Interim Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/05/25, 118pp. ,48X:19179-127,ODI:GPU 0004 ,TN:GB01 NOT REVIEWED

8307010270 "Interim Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/06/08, 61pp. ,48X:19179-244,ODI:GPU 0005 ,TN:GB01 NOT REVIEWED

8307010274 "Final Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/07/31, 234pp. ,48X:19179-316,ODI:GPU 0006 ,TN:GB01 NOT REVIEWED

8307020007 "Final Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
: DATE ISS:83/06/30, 54pp. ,48X:19228-221,ODI:GPU 0007 ,TN:GB01 1.2

U. S. NUCLEAR REGULATORY COMMISSION  
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8307010252 Requests input re establishment of vehicle for communicating understanding of how NSS behaves when responding to various incidents.

KUSIBA, E.E. :Babcock & Wilcox Co.  
WASCHER, R.E. :Babcock & Wilcox Co.  
DATE ISS:79/04/17, 1p. ,48X:19178-142,ODI:GPU 0049 ,TN:GB01 1.2

8307010255 Responds to 730406 ltr re technician water chemistry course. Attempting to have Met Ed give course. Cost control main obstacle to overcome.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
POCOCK, F.J. :Affiliation Unknown  
DATE ISS:73/04/11, 1p. ,48X:19178-143,ODI:GPU 0050 ,TN:GB01 NOT REVIEWED

8307010254 Discusses actions taken to prevent TMI-2 like event. Initiating event sequence described in 790730 memo used in requalification training programs.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
BANWARTH, C.S. :Babcock & Wilcox Co.  
DATE ISS:79/08/17, 2pp. ,48X:19178-146,ODI:GPU 0052 ,TN:GB01 1.2, 1.11

8307010256 Paper entitled "Post-TMI Plant Staff Training," presented at Nuclear Operating Experience Seminar in New Orleans, LA on 800309-11.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
DATE ISS:80/03/09, 5pp. ,48X:19178-148,ODI:GPU 0053 ,TN:GB01 1.2, 1.11

8307010253 Forwards training effectiveness upgrade program developed from staff rept for Kenny Commission, TMI-2 Lessons Learned NRC NUREG-0585 & Rogovin rept. Program will be initiated after approval.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
KOSIBA, R.E. :Babcock & Wilcox Co.  
DATE ISS:80/03/10, 10pp. ,48X:19178-154,ODI:GPU 0057 ,TN:GB01 1.2

8307010249 "Operations Manual for Nuclear Power Plant Simulator."

\* :Babcock & Wilcox Co.  
DATE ISS:81/02/11, 318pp. ,48X:19178-164,ODI:GPU 0058 ,TN:GB01 1.2, 1.11

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070460 Rev 1 to Procedure OP 1103 16, "OFR Unit 1 Heat Balance Calculation."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:71/12/06, 48pp. ,48X:19337-001,ODI:GPU 0059 ,TN:GB01 1.2, 1.11

8307070468 Forwards Rev 2 to "OFR Unit 1 Power Operations," & Rev 1 to "OFR Unit 1 Reactor Trip," in support of proposed INPO organization. INPO functions delineated.

ELLIOTT, M.S. :Babcock & Wilcox Co.  
LIND, J.A. :Babcock & Wilcox Co.  
DATE ISS:79/11/30, 7pp. ,48X:19337-058,ODI:GPU 0060 ,TN:GB01 1.11, 1.15

8307070473 Rev 2 to CP 1102 04 "OFR Unit 1 Power Operations."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:71/12/15, 5pp. ,48X:19337-065,ODI:GPU 0060 ,TN:GB01 1.11, 1.15

8307070476 Rev 1 to OP 1202 04 "OFR Unit 1 Reactor Trip."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:72/10/09, 6pp. ,48X:19337-070,ODI:GPU 0060 ,TN:GB01 1.11, 1.15

8307070481 Trip rept of 770927-29 visit to Toledo Edison Co re secondary sys & scheduling of training svcs.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:77/10/14, 1p. ,48X:19337-076,ODI:GPU 0061 ,TN:GB01 IRRELEVANT

8307070487 Discusses training svcs conducted for B&W operating plants in TMI-2 incident in response to 790518 memo. Course consisted of review of TMI-2 incident, observation of transient on simulator & hands-on recognition or voiding.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
KANE, E.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/21, 1p. ,48X:19337-077,ODI:GPU 0062 ,TN:GB01 1.2, 1.4, 1.6, 1.8



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

- 8307070501 Discusses requalification training program re operator ability to control plant under abnormal conditions. Lists recurring problems during operating period on simulator & parameter effects on plant operation.  
ELLIOTT, N.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:79/01/08, 2pp. ,48X:19337-079,ODI:GPU 0064 ,TN:GB01 1.7, 1.11
- 8307070507 Discusses results of requalification training to customer operating personnel & loss of feedwater temp signal input to integrated control, reducing feed flow.  
ELLIOTT, M.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:79/01/16, 1p. ,48X:19337-081,ODI:GPU 0065 ,TN:GB01 1.2
- 8307070519 Forwards rev to 790404 operating instructions for operator action to override ESF actuation sys & terminate HPI. Rev allows operator alternative to 20 minute operability period to preclude pressurizer from going solid.  
BRAZIL, G.J. :Babcock & Wilcox Co.  
HAM, R.E. :Babcock & Wilcox Co.  
DATE ISS:79/04/17, 2pp. ,48X:19337-162,ODI:GPU 0067 ,TN:GB01 1.4
- 8307070522 Discusses preparation of operating guidelines for small break in RCPB.  
ROY, D.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/28, 3pp. ,48X:19337-164,ODI:GPU 0068 ,TN:GB01 1.5
- 8307070538 "Operating Procedure Guidelines for Small Breaks."  
TAYLOR, J.H. :Babcock & Wilcox Co.  
:  
DATE ISS:79/05/05, 28pp. ,48X:19337-169,ODI:GPU 0069 ,TN:GB01 1.2, 1.5
- 8307070543 Forwards proposed rev to simulator std (ANSI 3.5) to be reviewed at ANS-3 800305 & 06 meetings. Listed individuals will attend meeting at C-E on 800220 & 21.  
ELLIOTT, M.S. :Babcock & Wilcox Co.  
:American Nuclear Society  
DATE ISS:80/02/26, 22pp. ,48X:19337-197,ODI:GPU 0070 ,TN:GB01 1.2, 1.11

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

- 8307070548 Submits preliminary rept of Safety Concern PSC 18-79 re plant operators panel instrumentation readout limited to 2500 psia, below Tech Spec limit. Analysis concludes condition not reportable per 10CFR50.55e or 10CFR21.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/05, 3pp. ,48X:19337-219, ODI:GPU 0071 ,TN:GB01 IRRELEVANT
- 8307070552 Submits preliminary rept of Safety Concern PSC 25-79 re sequence of events identified during simulator training which could lead to saturated conditions in reactor core. Concern not reportable per 10CFR50.55e or 10CFR21.  
ELLIOTT, N.S. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/09/06, 5pp. ,48X:19337-222, ODI:GPU 0072 ,TN:GB01 1.2, 1.11
- 8307120331 Recommends guidelines for customers re HPIS operation in light of recent events at Toledo site.  
  
KELLY, J.J. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:77/11/01, 4pp. ,48X:19512-330, ODI:GPU 0076 ,TN:GB01 1.2, 1.4
- 8307070572 Discusses concerns within ECCS analysis re potential for operator action to terminate HPI following initial stage of LOCA. Full injection flow must be maintained from start of emergency ESFF actuation sys.  
DUNN, B.M. :Babcock & Wilcox Co.  
TAYLOR, J. :Babcock & Wilcox Co.  
DATE ISS:78/02/07, 3pp. ,48X:19337-250, ODI:GPU 0078 ,TN:GB01 1.4
- 8307120340 Recommends procedure for termination HPI following LOCA. Scheme acceptable from standpoint of preventing adverse long adverse long-range problems & easier to implement.  
  
DUNN, B.M. :Babcock & Wilcox Co.  
TAYLOR, J. :Babcock & Wilcox Co.  
DATE ISS:78/02/16, 2pp. ,48X:19512-337, ODI:GPU 0079 ,TN:GB01 1.4
- 8307120354 Provides supplementary operating instructions for HPI sys due to 790328 incident at TMI-2.  
  
FAIRBURN, G.T. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/04, 2pp. ,48X:19512-356, ODI:GPU 0085 ,TN:GB01 1.2, 1.4

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120865 Discusses what guidelines should be given to customers re proper use of high pressure injection sys.

KELLY, J.J. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:77/11/01, 1p. ,48X:19464-313, ODI:GPU 0131 ,TN:GB01

NOT REVIEWED

8307120868 Discusses operation of high pressure injection sys during 771101 transient. Actions taken by operator correct.

WALTERS, J.F. :Babcock & Wilcox Co.  
KELLY, J.J. :Babcock & Wilcox Co.  
DATE ISS:77/11/10, 3pp. ,48X:19464-314, ODI:GPU 0132 ,TN:GB01

NOT REVIEWED

8307020250 Lists 10 lessons learned from TMI-2 incident. Total product, hardware, software & svcs, not adequate to prevent long duration loss of control of plant & most severe damage to core first lesson learned.

KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/11, 2pp. ,48X:19225-185, ODI:GPU 0147 ,TN:GB01

NOT REVIEWED

8307020253 Deposition of JJ Kelly on 790707 in New York, NY.

KELLY, J.J. :Babcock & Wilcox Co.  
DATE ISS:79/07/07, 71pp. ,48X:19225-237, ODI:GPU 0150 ,TN:GB01

NOT REVIEWED

8307020257 Supplemental Ro. NP-32-77-16: on 770924, main turbine shut down to repair leak in pressure sensing connection on steam line while spurious half drip occurred in steam feedwater rupture control sys. Cause unknown.

MURRAY, T.D. :Toledo Edison Co.  
KEPPLER, J.G. : Region 3, Chicago, Office of the Director  
DATE ISS:77/11/14, 59pp. ,48X:19226-013, ODI:GPU 0153 ,TN:GB01

1.6

8307020259 Forwards LER 77-016/0L1-0.

EVANS, J. :Toledo Edison Co.  
KEPPLER, J.G. : Region 3, Chicago, Office of the Director  
DATE ISS:77/10/07, 1p. ,48X:19226-072, ODI:GPU 0154 ,TN:GB01

1.6

U. S. NUCLEAR REGULATORY COMMISSION  
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8307020266 Responds to JJ Kelly 800221 question re development of new simulator code in reasonable schedule to support ATOG training. Proposed plan for possible simulator upgrade submitted.

KELLY, J. J. : Babcock & Wilcox Co.

WOMACK, E. A. : Babcock & Wilcox Co.

DATE ISS: 80/02/27, 2pp. , 48X: 19226-124, ODI: GPU 0157

, TN: GB01

NOT REVIEWED

8307080582 Lists top ten lessons learned from TMI-2.

KOSIBA, R. E. : Babcock & Wilcox Co.

MACMILLAN, J. H. : Babcock & Wilcox Co.

DATE ISS: 79/06/11, 2pp. , 48X: 19489-314, ODI: GPU 0213

, TN: GB01

NOT REVIEWED

8307080606 Submits customer svc dept monthly activities report for Jul 1979.

KOSIBA, R. E. : Babcock & Wilcox Co.

MACMILLAN, J. H. : Babcock & Wilcox Co.

DATE ISS: 79/08/09, 11pp. , 48X: 19489-335, ODI: GPU 0220

, TN: GB01

NOT REVIEWED

8307090019 Revised "Proposal for Long-Term Contract for TMI Nuclear Station Units I & II Operator Training."

\* : Babcock & Wilcox Co.

DATE ISS: 75/03/07, 17pp. , 48X: 19490-151, ODI: GPU 0275

, TN: GB01

NOT REVIEWED

8307090059 "Potential Lessons to be Learned From TMI-2."

LABELLE, D. W. : Babcock & Wilcox Co.

DATE ISS: 79/05/25, 2pp. , 48X: 19490-225, ODI: GPU 0287

, TN: GB01

1.2

8307090104 Requests review of proposed operating instruction re pressurizer relief valve. Procedure should be implemented for all operating reactors if approved.

SWANSON, E. W. : Babcock & Wilcox Co.

KANE, E. R. : Babcock & Wilcox Co.

DATE ISS: 79/04/05, 1p. , 48X: 19490-334, ODI: GPU 0296

, TN: GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307090107 Forwards operating instructions for isolation of stuck open PORV for review. Instruction should be forwarded to operating plant customers as changes to operating/emergency procedure.  
NEWTON, D.G. :Babcock & Wilcox Co.  
FAIRBURN, G.T. :Babcock & Wilcox Co.  
DATE ISS:79/04/08, 4pp. ,48X:19490-335, ODI:GPU 0297 ,TN:GB01 NOT REVIEWED
- 8307090138 Recommends that operating plant customers be informed of 780320 cooldown incident at Rancho Seco given suggestions on how to minimize plant thermal transient for loss of non-nuclear instrumentation.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:78/03/29, 2pp. ,48X:19491-013, ODI:GPU 0306 ,TN:GB01 NOT REVIEWED
- 8307090141 Understands that small group of key designers organized to review SMUD rapid cooldown transient & develop what could have been or could be done to reduce likelihood or limit consequences of recurrence.  
WOMACK, E.A. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:78/08/21, 10pp. ,48X:19491-016, ODI:GPU 0308 ,TN:GB01 1.2
- 8307060492 Outlines implications of incident including summarization of incident, B&W assessment of primary message from site & required short term actions. Detailed summary of site message encl.  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/30, 6pp. ,48X:19302-161, ODI:GPU 0384 ,TN:GB01 NOT REVIEWED
- 8307120692 "Loss of Reactor Coolant/RCS Pressure."  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:83/07/12, 8pp. ,48X:19461-001, ODI:GPU 0396 ,TN:GB01 IRRELEVANT
- 8307060641 Requests to be included on distribution list of repts issued re proposed work for I&C Human Engineering of 790718 TMI-2 concerns list.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
CRAIG, R.W. :Babcock & Wilcox Co.  
DATE ISS:79/07/27, 1p. ,48X:19340-014, ODI:GPU 0428 ,TN:GB01 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060643 Lists activities, including site program repts, weekly status repts, RADCAS, emergency operations, owners group meetings, operating experience seminar, plant data output, summary test repts, restart test repts & training contacts.  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:82/01/22, 1p. ,48X:19340-015,ODI:GPU 0429 ,TN:GB01 NOT REVIEWED

8307120764 Handwritten repts, "DHR Problem Associated W/Recovery From Very Small Break LOCA for C-E Sys 80 PWR."  
\* :Combustion Engineering, Inc.  
:  
DATE ISS:77/05/15, 50pp. ,48X:19461-058,ODI:GPU 0470 ,TN:GB01 NOT REVIEWED

8307060558 Operating instruction for stuck-open PORV, per IE Bulletin 79-05.  
NEWTON, D.G. :Babcock & Wilcox Co.  
:  
DATE ISS:79/04/08, 4pp. ,48X:19340-293,ODI:GPU 0496 ,TN:GB01 NOT REVIEWED

8307060633 Audit on 780217-0405 of training & qualification of station (& support) staff (nuclear).  
HEYSEK, W.G. :Metropolitan Edison Co.  
:  
DATE ISS:78/06/09, 3pp. ,48X:19341-039,ODI:GPU 0509 ,TN:GB01 NOT REVIEWED

8307070382 Discusses near-term design improvements identified in 790416 meeting w/ACRS. Mods will provide operators w/more positive indication of PORV position & saturated temp condition indicator for RCS.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DENTON, H.R. :Office of Nuclear Reactor Regulation, Director  
DATE ISS:79/04/26, 1p. ,48X:19341-109,ODI:GPU 0534 ,TN:GB01 NOT REVIEWED

8307070423 Transcript of 790605 press conference re TMI before, during & after 790328 accident. Pp 1-108A.  
\* :Babcock & Wilcox Co.  
:  
DATE ISS:79/07/05, 112pp. ,48X:19341-127,ODI:GPU 0539 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307070444 Requests input, providing instructions to operators re actions to be taken to maintain plant safety, per 791206 meeting. Instructions should be integrated into operator training program.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
PEARSON, R.G. :Affiliation Unknown  
DATE ISS:79/12/10, 2pp. ,48X:19341-255,ODI:GPU 0542 ,TN:GB01 1.2
- 8307070447 Forwards surveillance instructions sent to customers re previous PORV failures.  
  
HALLMAN, D.F. :Babcock & Wilcox Co.  
MULLIN, J.G. :Babcock & Wilcox Co.  
DATE ISS:79/09/10, 9pp. ,48X:19341-257,ODI:GPU 0544 ,TN:GB01 IRRELEVANT
- 8307070453 Rev 2 to Policies & Procedures NPG-0504-13, "Preparation of Site Support Documents."  
  
\* :Babcock & Wilcox Co.  
DATE ISS:77/06/01, 18pp. ,48X:19341-268,ODI:GPU 0546 ,TN:GB01 IRRELEVANT
- 8307070518 Plant operations exam. Simulator training evaluation encl.  
  
\* :Babcock & Wilcox Co.  
DATE ISS:74/11/03, 11pp. ,48X:19342-001,ODI:GPU 0563 ,TN:GB01 1.11
- 8307070526 Simulator training documentation for Met Ed, 790115-19. Classroom schedule encl.  
  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/01/19, 8pp. ,48X:19342-050,ODI:GPU 0568 ,TN:GB01 1.11
- 8307070529 Lists personnel who completed 3 days of 1 wk operator training course on B&W nuclear power plant simulator. Simulator training sheet & classroom schedule encl.  
  
LIND, J.A. :Babcock & Wilcox Co.  
ZECHMAN, D. :Metropolitan Edison Co.  
DATE ISS:79/04/03, 3pp. ,48X:19342-058,ODI:GPU 0569 ,TN:GB01 1.11

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120798 Suppl RO NP-32-77-16: on 770924, series of events occurred,  
resulting in depressurization of primary sys from normal  
pressure. Caused by steam feedwater rupture control sys  
spurious half trip.  
MURRAY, T.D. : Toledo Edison Co.  
KEPPLER, J.G. : Region 3, Office of Director  
DATE ISS: 77/11/14, 58pp. , 48X: 19494-103, ODI: GPU 2006 , TN: GB01 NOT REVIEWED

8307120796 Rev 1 to Operating Procedure 1202.04, "Reactor Trip."

\* : General Public Utilities - GPU Service Corp.  
:  
DATE ISS: 72/10/09, 5pp. , 48X: 19502-343, ODI: GPU 2022 , TN: GB01 NOT REVIEWED

8307120804 Lists items discusses at B&W Uses Group Nov 1977 meeting.

MILLER, G.P. : Metropolitan Edison Co.  
ROGERS, L.C. : Metropolitan Edison Co.  
DATE ISS: 77/11/16, 2pp. , 48X: 19502-352, ODI: GPU 2024 , TN: GB01 NOT REVIEWED

8307070292 Speech entitled "B&W Capabilities & Experience Supporting  
Plant Startup, Operations & Maint," presented at 780306-07  
nuclear operating experience seminar in Hershey, PA.

BAKER, R.J. : Babcock & Wilcox Co.  
:  
DATE ISS: 78/03/06, 37pp. , 48X: 19338-118, ODI: GPU 2027 , TN: GB01 NOT REVIEWED

8307080013 "Selection and Training of Nuclear Power Plant Personnel."

\* : American Nuclear Society  
:  
DATE ISS: 71/03/08, 15pp. , 48X: 19338-179, ODI: GPU 2055 , TN: GB01 NOT REVIEWED

8307120952 Operator License OP-3614 for WH Zewe at DPR-50.

COLLINS, P.F. : Atomic Energy Commission, Directorate of Licensing  
:  
DATE ISS: 74/08/08, 2pp. , 48X: 19503-188, ODI: GPU 2060 , TN: GB01 NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120942 "Shift Supervisor Training Program."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:77/03/22, 7pp. ,48X:19503-194,ODI:GPU 2061 ,TN:GB01 NOT REVIEWED

8307080016 Forwards revised, "Shift Foreman Development Program,"  
incorporating requested changes.

ROSS,M.J. :Metropolitan Edison Co.  
LAWYER,L.L. :Metropolitan Edison Co.  
DATE ISS:78/01/27, 15pp. ,48X:19338-194,ODI:GPU 2062 ,TN:GB01 NOT REVIEWED

8307120945 Forwards training evaluation & training summary for listed  
individuals for simulator training (short course).

STOLL,G. :Babcock & Wilcox Co.  
KLINGMAN,R.M. :Metropolitan Edison Co.  
DATE ISS:74/01/15, 21pp. ,48X:19503-201,ODI:GPU 2063 ,TN:GB01 NOT REVIEWED

8307080017 Transcript of President's Commission on Accident at TMI  
third meeting on 790530 in Washington,DC.Pp 1-210.W/o  
Pp 5-112.

\* :President's Commission on the Accident at Three Mile Island  
:  
DATE ISS:79/05/30, 102pp. ,48X:19338-209,ODI:GPU 2069 ,TN:GB01 NOT REVIEWED

8307110335 Requests ack,by initialing encl sign off sheet,of review &  
understanding of small break LOCA procedure changes.

FLOYD,J.R. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:78/05/10, 3pp. ,48X:19483-317,ODI:GPU 2074 ,TN:GB01 NOT REVIEWED

8307110337 Forwards results summary of 1978-79 requal written exam,for  
info.Post-oral packages forwarded to individuals having two  
or more categories less than 80%.

BEERS,M.L. :Metropolitan Edison Co.  
MILLER,G.P. :Metropolitan Edison Co.  
DATE ISS:79/05/01, 6pp. ,48X:19483-320,ODI:GPU 2075 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307110342 Application by WH Zewe for hot reactor operator license, Prof  
qualifications encl.

ZEWE, W.H. : Metropolitan Edison Co.  
COLLINS, P.F. : Atomic Energy Commission, Directorate of Licensing  
DATE ISS: 74/05/20, 6pp. , 48X: 19483-326, ODI: GPU 2076 , TN: GB01

NOT REVIEWED

8307110344 Application by WH Zewe for senior reactor operator license.

ZEWE, W.H. : Metropolitan Edison Co.  
COLLINS, P.F. : Atomic Energy Commission, Directorate of Licensing  
DATE ISS: 75/07/10, 4pp. , 48X: 19483-332, ODI: GPU 2077 , TN: GB01

NOT REVIEWED

8307110345 Application by WH Zewe for senior reactor operator license.

ZEWE, W.H. : Metropolitan Edison Co.  
COLLINS, P.F. : Operator Licensing Branch  
DATE ISS: 77/07/05, 4pp. , 48X: 19483-336, ODI: GPU 2078 , TN: GB01

NOT REVIEWED

8307120884 Forwards work completed in May 1979, investigating methods  
of detecting operation of PORV.

ROBERTS, R.C. : Babcock & Wilcox Co.  
: Babcock & Wilcox Co.  
DATE ISS: 79/06/11, 23pp. , 48X: 19499-319, ODI: GPU 2097 , TN: GB01

NOT REVIEWED

8307080071 Forwards IE Insp Repts 50-289/78-23 & 50-320/78-36 on  
781204-08 & 12-14 & notice of violation.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 79/01/09, 2pp. , 48X: 19358-066, ODI: GPU 2103 , TN: GB01

NOT REVIEWED

8307080372 "Investigation of TMI-2 Pressurizer PORV Discharge Pipe  
Temps."

SHELL, J.P. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 80/02/28, 52pp. , 48X: 19339-154, ODI: GPU 2109 , TN: GB01

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120913 "Integrated Control Sys Response Characteristics Training  
Manual Book 50."

FREDERICK, E.R. :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/12, 164pp. ,48X:19499-355,ODI:GPU 2151 ,TN:GB01

NOT REVIEWED

8307080388 Forwards simulator training summary sheet for operators  
completing 1-wk training course on 770610, including  
ML Beers, ER Frederick, JR Congdon, AW Miller, CO Adams & JL  
Seelinger.

STREET, B.W. :Babcock & Wilcox Co.

TSAGGARIS, L. :Metropolitan Edison Co.

DATE ISS:77/06/14, 4pp. ,48X:19339-211,ODI:GPU 2153 ,TN:GB01

NOT REVIEWED

8307080459 Operator attendance data listings & training program forms.

\* :Metropolitan Edison Co.

DATE ISS:78/12/31, 178pp. ,48X:19356-001,ODI:GPU 2154 ,TN:GB01

NOT REVIEWED

8307120921 Vol 9 to FSAR for TMI Unit 2.

\* :Metropolitan Edison Co.

DATE ISS:83/07/12, 5pp. ,48X:19500-172,ODI:GPU 2155 ,TN:GB01

NOT REVIEWED

8307050403 Revised Chapter 13 to FSAR, "Conduct of Operations."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:78/04/07, 67pp. ,48X:19230-001,ODI:GPU 2156 ,TN:GB01

NOT REVIEWED

8307050420 Requalification program, "Category Review."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/12/31, 59pp. ,48X:19230-167,ODI:GPU 2158 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050424 "Svs Training."

\* :Babcock & Wilcox Co.  
: DATE ISS:74/09/24, 161pp. ,48X:19230-226,ODI:GPU 2163 ,TN:GB01 NOT REVIEWED

8307050429 Listing of Generation Div resume for request period 810101-0601.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:81/06/23, 3pp. ,48X:19231-027,ODI:GPU 2166 ,TN:GB01 NOT REVIEWED

8307050434 Comments on 780816 meeting w/J. Holman of NRC re operator licensing exam. Operator Licensing Branch will only be able to come to plant twice each yr. due to shortage of manpower. More visits by request if required.

O'HANLON, J.P. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:78/08/18, 1p. ,48X:19231-030,ODI:GPU 2167 ,TN:GB01 NOT REVIEWED

8307050437 Listing of Generator Div resume for request period 770301 - 780321.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/03/23, 4pp. ,48X:19231-031,ODI:GPU 2168 ,TN:GB01 NOT REVIEWED

8307050442 Administrative form listing attendees of training course in Unit 1 requalification.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/02/28, 2pp. ,48X:19231-035,ODI:GPU 2169 ,TN:GB01 NOT REVIEWED

8307050447 Forwards schedule for requalification program for period 780508-0611.

GOODMAN, D.A. :Metropolitan Edison Co.  
FLOYD, J.R. :Metropolitan Edison Co.  
DATE ISS:78/04/11, 3pp. ,48X:19231-037,ODI:GPU 2171 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050454 Requests that each shift foreman review EP12 02 - 2&2A,  
"Station Blackout" & "Station Blackout W/Loss of Diesel  
Generators," w/shift.Encl ltr re Indian Point Unit 3 770713  
trip forwarded for review & info.  
O'HANLON,J.P. :Metropolitan Edison Co.  
FLOYD,J.R. :Metropolitan Edison Co.  
DATE ISS:77/07/22, 5pp. ,48X:19231-040,ODI:GPU 2172 ,TN:GB01 NOT REVIEWED

8307050461 Administrative forms listing attendees of training course in  
cold license training.  
  
\* :Babcock & Wilcox Co.  
:  
DATE ISS:76/03/29, 13pp. ,48X:19231-045,ODI:GPU 2173 ,TN:GB01 NOT REVIEWED

8307050494 Exam rept for operator license issued for ER Frederick  
written exam dtd 770817.Operating test administered 770914.  
  
\* : Operator Licensing Branch  
:  
DATE ISS:77/10/17, 1p. ,48X:19231-208,ODI:GPU 2181 ,TN:GB01 NOT REVIEWED

8307050499 Authorizes release of all info in NRC files re NRC reactor  
operator license written & oral exam results for FOIA  
request.  
  
FREDERICK,E.R. :Metropolitan Edison Co.  
: Division of Rules and Records  
DATE ISS:79/11/30, 84pp. ,48X:19231-209,ODI:GPU 2182 ,TN:GB01 NOT REVIEWED

8307070173 "Auxiliary Operators A Nuclear Training Program,730409-  
1010."  
  
\* :Metropolitan Edison Co.  
:  
DATE ISS:73/10/10, 12pp. ,48X:19372-206,ODI:GPU 2242 ,TN:GB01 NOT REVIEWED

8307070251 Provides list of recommended changes to shift supervisor  
development program,in light of NRC exams.  
  
HITZ,G.R. :Metropolitan Edison Co.  
MILLER,G.P. :Metropolitan Edison Co.  
DATE ISS:77/08/18, 13pp. ,48X:19372-270,ODI:GPU 2249 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307130051 "Nuclear Power Preparatory Training, Core Performance 4,  
Heat Transfer & Heat Generation."

\* :NUS Corp.  
:;  
DATE ISS:69/12/31, 4pp. ,48X:19497-236,ODI:GPU 2250 ,TN:GB01 NOT REVIEWED

8307050272 Rev 2 to Administrative Procedure 1006 "Operator  
Requalification Program."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:77/04/11, 17pp. ,48X:19222-079,ODI:GPU 2251 ,TN:GB01 NOT REVIEWED

8307050273 "Operator Requalification Program."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:78/04/07, 8pp. ,48X:19222-096,ODI:GPU 2252 ,TN:GB01 NOT REVIEWED

8307050276 Speech entitled "NRC Review of Licensed Operator  
Requalification Programs for Nuclear Power Plants,"  
presented at 8th Biennial Topical Conference on Reactor  
Operating Experience 770807-10 meeting in Chattanooga, TN.  
COOLEY, R.A. : Operator Licensing Branch  
:;

DATE ISS:77/08/07, 16pp. ,48X:19222-104,ODI:GPU 2253 ,TN:GB01 NOT REVIEWED

8307060591 Chart describing personnel positions from 1975-1979.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/12/31, 1p. ,48X:19372-166,ODI:GPU 2260 ,TN:GB01 NOT REVIEWED

8307060596 Chart describing auxiliary operator mode of progression.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/07/05, 1p. ,48X:19372-167,ODI:GPU 2261 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060600 Training program for 1977.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:77/12/31, 8pp. ,48X:19372-168,ODI:GPU 2262 ,TN:GB01 NOT REVIEWED

8307070018 Forwards schedule for lesson plan completion on Unit 2 sys.

TSAGGARIS,A. :Metropolitan Edison Co.  
FLOYD,J. :Metropolitan Edison Co.  
DATE ISS:76/08/02, 9pp. ,48X:19372-181,ODI:GPU 2265 ,TN:GB01 NOT REVIEWED

8307070027 Provides list of procedures scheduled to be simulated on each shift.

KUNDER,G.A. :Metropolitan Edison Co.  
TSAGGARIS,L. :Metropolitan Edison Co.  
DATE ISS:76/07/29, 3pp. ,48X:19372-189,ODI:GPU 2266 ,TN:GB01 NOT REVIEWED

8307070042 Discusses status of present auxiliary operator program & training proposals.

TSAGGARIS,A. :Metropolitan Edison Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:76/05/17, 5pp. ,48X:19372-194,ODI:GPU 2268 ,TN:GB01 NOT REVIEWED

8307070049 Generation Div-TMI Station Resumes.Pp 643-644.

\* :Metropolitan Edison Co.  
: :  
DATE ISS:81/06/23, 2pp. ,48X:19372-199,ODI:GPU 2269 ,TN:GB01 NOT REVIEWED

8307070055 Generation Div-TMI Station Resumes.Pp 509-510.

\* :Metropolitan Edison Co.  
: :  
DATE ISS:81/06/23, 2pp. ,48X:19372-201,ODI:GPU 2270 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070169 Generation Div-TMI Station Resumes.Pp 342-344.

\* :Metropolitan Edison Co.  
: DATE ISS:81/06/23, 3pp. ,48X:19372-203,ODI:GPU 2271 ,TN:GB01 NOT REVIEWED

8307070217 Auxiliary operator nuclear training program for Group 4.

\* :Metropolitan Edison Co.  
: DATE ISS:74/08/31, 17pp. ,48X:19372-218,ODI:GPU 2273 ,TN:GB01 NOT REVIEWED

8307070221 Special instructions for training program.

ZEW E,W. :Metropolitan Edison Co.  
: DATE ISS:72/12/31, 6pp. ,48X:19372-235,ODI:GPU 2274 ,TN:GB01 NOT REVIEWED

8307070243 Notifies that as part of Unit 2 control room operator partial training,Unit 2 control room operators have been assigned to work in Unit 1 control room from 751201-760116.

KUNDER,G.A. :Metropolitan Edison Co.  
SEELINGER,J. :Metropolitan Edison Co.  
DATE ISS:75/11/17, 2pp. ,48X:19372-264,ODI:GPU 2277 ,TN:GB01 NOT REVIEWED

8307070247 Forwards results of Unit 2 770413-14 progress exam & comparisons w/results of first exam.

GOODMAN,D.A. :Metropolitan Edison Co.  
MILLER,G.P. :Metropolitan Edison Co.  
DATE ISS:77/05/02, 4pp. ,48X:19372-266,ODI:GPU 2278 ,TN:GB01 NOT REVIEWED

8307070262 Forwards schedule to be followed for implementation of co-shift STS program for Unit 2 operations personnel.

BOLTZ,D.J. :Metropolitan Edison Co.  
MILLER,J.P. :Metropolitan Edison Co.  
DATE ISS:77/03/31, 3pp. ,48X:19372-283,ODI:GPU 2280 ,TN:GB01 NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
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8307070266 Requests approval to formally ask G Hitz to participate in shift supervisor training program to prepare for license.

MILLER,G.P. :Metropolitan Edison Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:77/03/22, 6pp. ,48X:19372-286,ODI:GPU 2281 ,TN:GB01 NOT REVIEWED

8307070271 Plant operations training,classroom & control room schedules.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:76/01/08, 15pp. ,48X:19372-292,ODI:GPU 2282 ,TN:FB01 NOT REVIEWED

8307070276 Forwards grade sheets for various exams given in second part of Unit 2 control room operator program.

ZECHMAN,R.W. :Metropolitan Edison Co.  
PERKS,W.E. :Metropolitan Edison Co.  
DATE ISS:75/12/07, 16pp. ,48X:19372-307,ODI:GPU 2283 ,TN:GB01 NOT REVIEWED

8307070283 "Category IV Containment Reactor Operator Study Assignment Sheets."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:79/06/08, 55pp. ,48X:19372-323,ODI:GPU 2284 ,TN:GB01 NOT REVIEWED

8307070289 Generation Div - TMI Station Resumes.Pp 168-169.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:81/06/23, 2pp. ,48X:19373-016,ODI:GPU 2285 ,TN:GB01 NOT REVIEWED

8307070307 "TMI Training Programs,1977."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:77/12/31, 17pp. ,48X:19373-088,ODI:GPU 2289 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070311 Discusses training dept orientation program &  
requalification exams.

ZECHMAN,R.W. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:79/03/08, 6pp. ,48X:19373-105,ODI:GPU 2290 ,TN:GB01 NOT REVIEWED

8307070319 Forwards schedule for Unit 2 prelicense training course.

GOODMAN,D.A. :Metropolitan Edison Co.  
BENSEL,R.W. :Metropolitan Edison Co.  
DATE ISS:77/07/08, 8pp. ,48X:19373-111,ODI:GPU 2291 ,TN:GB01 NOT REVIEWED

8307070325 Submits results of first weekly exam at simulator.

\* :Metropolitan Edison Co.  
FLOYD,J. :Metropolitan Edison Co.  
DATE ISS:77/01/18, 2pp. ,48X:19373-119,ODI:GPU 2292 ,TN:GB01 NOT REVIEWED

8307070332 Provides list of matl to be covered during written  
comprehensive exam for cold license.

ZECHMAN,R.W. :Metropolitan Edison Co.  
NEUMANN,D. :Metropolitan Edison Co.  
DATE ISS:77/01/27, 2pp. ,48X:19373-121,ODI:GPU 2293 ,TN:GB01 NOT REVIEWED

8307070336 Provides list of sys already covered in containment reactor  
operator & cross-license program.

TSAGGARIS,A. :Metropolitan Edison Co.  
FLOYD,J. :Metropolitan Edison Co.  
DATE ISS:76/10/29, 1p. ,48X:19373-123,UDI:GPU 2294 ,TN:GB01 NOT REVIEWED

8307070341 Forwards outline of 2-wk course to begin 760517 to prepare  
operators for final written exam.

TSAGGARIS,A. :Metropolitan Edison Co.  
MILLER,G.P. :Metropolitan Edison Co.  
DATE ISS:76/05/05, 3pp. ,48X:19373-124,ODI:GPU 2295 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070376 Discusses requalification training program.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:79/01/08, 2pp. ,48X:19373-162, ODI:GPU 2302 ,TN:GB01 NOT REVIEWED

8307070402 Power plant exam results summary sheets.

\* :NRC - No Detailed Affiliation Given  
:DATE ISS:78/11/17, 7pp. ,48X:19373-168, ODI:GPU 2305 ,TN:GB01 NOT REVIEWED

8307130076 "Spec for Nuclear Power Plant Training Simulator."

\* :Babcock & Wilcox Co.  
:DATE ISS:69/01/15, 263pp. ,48X:19497-249, ODI:GPU 2310 ,TN:GB01 NOT REVIEWED

8307110736 Discusses B&W requalification training program.

ELLIOTT, M.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:79/01/06, 2pp. ,48X:19482-181, ODI:GPU 2321 ,TN:GB01 NOT REVIEWED

8307110738 Resume of RJ Marzec.

MARZEC, R.J. :Affiliation Unknown  
:DATE ISS:83/07/09, 3pp. ,48X:19482-183, ODI:GPU 2322 ,TN:GB01 NOT REVIEWED

8307080028 "Training & Certification of Licensed Personnel."

\* :Metropolitan Edison Co.  
:DATE ISS:79/07/18, 104pp. ,48X:19359-347, ODI:GPU 2323 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307110749 B&W Simulator Model.

\* :Metropolitan Edison Co.  
: DATE ISS:83/07/09, 2pp. ,48X:19482-187,ODI:GPU 2329 ,TN:GB01 NOT REVIEWED

8307080106 Transcript of 820428 rept of Special Master re reopened  
restart proceedings, Pp 1-196.

\* :Atomic Safety and Licensing Board Panel  
: DATE ISS:82/04/28, 201pp. ,48X:19360-144,ODI:GPU 2334 ,TN:GB01 NOT REVIEWED

8307080115 Power plant exam results summary sheets.

\* :Metropolitan Edison Co.  
: DATE ISS:83/07/07, 59pp. ,48X:19360-345,ODI:GPU 2335 ,TN:GB01 NOT REVIEWED

8307080133 Discusses Category IV control room operator training  
program.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/02/20, 19pp. ,48X:19361-073,ODI:GPU 2337 ,TN:GB01 NOT REVIEWED

8307120619 Offer of proof for record on various points re R Marzec  
proposed testimony but excluded by court concerning IMI  
operator actions concerning HPI.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 6pp. ,48X:19495-146,ODI:GPU 2349 ,TN:GB01 NOT REVIEWED

8307080260 Forwards schedule & simulator training summary sheet for  
B Kemper.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
KANE, E.R. :Babcock & Wilcox Co.  
DATE ISS:80/02/29, 1p. ,48X:19361-163,ODI:GPU 2419 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080265 Provides list of personnel who have completed 2-wk operator training course on B&W nuclear power plant simulator. Simulator training summary sheet for each individual encl.

LIND, J.A. :Babcock & Wilcox Co.  
GRIFFITH, P. :Florida Power & Light Co.  
DATE ISS:80/01/08, 4pp. ,48X:19361-164, ODI:GPU 2420 ,TN:GB01

NOT REVIEWED

8307080276 "Nuclear Operator Requalification, Simulator & Classroom Approach."

ELLIOTT, N.S. :Babcock & Wilcox Co.  
DATE ISS:83/07/06, 8pp. ,48X:19361-180, ODI:GPU 2422 ,TN:GB01

NOT REVIEWED

8307080295 Discusses top 10 lessons learned from Unit 2 accident.

KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/11, 4pp. ,48X:19361-217, ODI:GPU 2426 ,TN:GB01

NOT REVIEWED

8307080483 "Emergency & Abnormal Procedures Quiz - Senior Reactor Operator."

KUNDER, S.A. :General Public Utilities - GPU Service Corp.  
DATE ISS:76/10/20, 3pp. ,48X:19361-313, ODI:GPU 2456 ,TN:GB01

NOT REVIEWED

8307080487 "Emergency & Abnormal Procedures Quiz - Senior Reactor Operator."

KUNDER, G. :General Public Utilities - GPU Service Corp.  
DATE ISS:77/01/09, 8pp. ,48X:19361-316, ODI:GPU 2457 ,TN:GB01

NOT REVIEWED

8307080506 Lists personnel who have completed 1 wk operator training course on B&W nuclear power plant simulator. Individual summary sheets encl.

LIND, J.A. :Babcock & Wilcox Co.  
ZECHMAN, D. :Metropolitan Edison Co.  
DATE ISS:79/01/22, 4pp. ,48X:19361-343, ODI:GPU 2460 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080515 "Simulator Training."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:78/01/25, 7pp. ,48X:19361-347,ODI:GPU 2461 ,TN:GB01 NOT REVIEWED

8307080520 Forwards IE Insp Rept 50-289/79-06 on 790221-23 & 26-28.No  
noncompliance noted.

BRUNNER,E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Suppor  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:79/03/21, 2pp. ,48X:19361-356,ODI:GPU 2462 ,TN:GB01 NOT REVIEWED

8307080732 Rev 0 to Policy NPC-0151-850, "Objectives &  
Responsibilities - Nuclear Svc."

MACMILLAN,J. :Babcock & Wilcox Co.  
:;  
DATE ISS:75/12/11, 2pp. ,48X:19491-160,ODI:GPU 2514 ,TN:GB01 NOT REVIEWED

8307120647 Responses to Questions 3 & 4 re operating procedures for  
loss of feed,loss of reactor coolant/loss of reactor  
coolant pressure & reactor trip.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/07/11, 7pp. ,48X:19495-180,ODI:GPU 2619 ,TN:GB01 NOT REVIEWED

8307090007 Summary of 790416 meeting re operational limits which should  
govern operator actions to secure or terminate HPI.

CARTIN,L.R. :Babcock & Wilcox Co.  
BRAZILL,G.J. :Babcock & Wilcox Co.  
DATE ISS:79/04/18, 4pp. ,48X:19491-348,ODI:GPU 2707 ,TN:GB01 NOT REVIEWED

8307120642 "Hours of Lecture or Lecture Equivalent Required in FSAR.  
Cvicle 5:Mar 1978 - Mar 1979."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:83/07/12, 2pp. ,48X:19504-349,ODI:GPU 3030 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120645 "Thirty Hours Classroom Attendance Required in FSAR.Cycle  
5:Mar 1978 - Mar 1979," chart.

\* :Metropolitan Edison Co.  
:

DATE ISS:83/07/12, 2pp. ,48X:19504-351,ODI:GPU 3031 ,TN:GB01

NOT REVIEWED

8307050411 Transcript of BM Dunn 790630 deposition.Pp 30-34,43-45,47,  
52-55,65-66,69-75,78,81-82 & 98-99.

DUNN,B.M. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/06/30, 29pp. ,48X:19232-185,ODI:GPU 6021 ,TN:GB01

NOT REVIEWED

8307050419 Transcript of BM Dunn 790702 deposition.Pp 104-105,157,  
164-167,169,171-172,175-176,179-182,199,203-206,208-212 &  
219-220.

DUNN,B.M. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/07/02, 30pp. ,48X:19232-214,ODI:GPU 6022 ,TN:GB01

NOT REVIEWED

8307050426 Transcript of NS Elliott 790705 deposition.Pp 78-82,146-147,  
156-157 & 159-167.

\* :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/07/05, 19pp. ,48X:19232-251,ODI:GPU 6024 ,TN:GB01

NOT REVIEWED

8307050431 Transcript of NS Elliott 791017 deposition.Pp 9-10,13-15,  
17-19 & 22-28.

ELLIOTT,N.S. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/10/17, 16pp. ,48X:19232-270,ODI:GPU 6025 ,TN:GB01

NOT REVIEWED

8307050476 Transcript of JJ Kelly 790707 deposition.Pp 6,9-11,13-15,  
21-22,25-29,34-41 & 44.

KELLY,J.J. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/07/07, 25pp. ,48X:19233-145,ODI:GPU 6033 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070185 Partial deposition of EA Womack on 790630.

WOMACK, E.A. : Babcock & Wilcox Co.

DATE ISS: 79/06/30, 30pp. , 48X: 19357-116, ODI: GPU 6054 , TN: GB01

NOT REVIEWED

8307070234 Partial transcript of IE TMI investigation interview of  
C Faust on 790421.

FAUST, C. : General Public Utilities - GPU Service Corp.

DATE ISS: 79/04/21, 82pp. , 48X: 19357-289, ODI: GPU 6059A , TN: GB01

NOT REVIEWED

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OUT OF SEQUENCE EXHIBITS

8307050366 Transcript of Zewe 790919 testimony.

ZEWE, : General Public Utilities - GPU Service Corp.

DATE ISS: 79/09/19, 2pp. , 48X: 19232-067, ODI: GPU 6003 AA , TN: GB01

1.2



CATEGORY 2  
TRIAL TESTIMONY

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290419 Transcript of 821101 trial between util & B&W in  
New York, NY. Pp 1-189.

\* :U.S. District Court, Southern District of New York  
:;  
DATE ISS:82/11/01, 189pp. ,48X:19022-001,ODI: ,TN:GB02

2.5

8307260457 Testimony of M Derivan on 821103 in New York, NY. Pp 397-537.

DERIVAN, M. :Toledo Edison Co.  
:;  
DATE ISS:82/11/03, 140pp. ,48X:19023-036,ODI: ,TN:GB02

NOT REVIEWED

8306290407 Testimony of MJ Derivan on 821104 in New York, NY. Pp 538-687.

DERIVAN, M. J. :Toledo Edison Co.  
:;  
DATE ISS:82/11/04, 150pp. ,48X:19023-176,ODI: ,TN:GB02

NOT REVIEWED

8306290671 Testimony of BM Dunn on 830120 in New York, NY. Pp 7,289-  
7,424.

DUNN, B. M. :Babcock & Wilcox Co.  
:;  
DATE ISS:83/01/20, 136pp. ,48X:19041-313,ODI: ,TN:GB02

NOT REVIEWED

8307260610 Testimony of ER Frederick on 821202 in New York, NY. Pp 3,181-  
3,215.

FREDERICK, E. R. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/12/02, 35pp. ,48X:19030-169,ODI: ,TN:GB02

NOT REVIEWED

8306290499 Testimony of ER Frederick on 821206 in New York, NY. Pp 3,216-  
3,377.

FREDERICK, E. R. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/12/06, 161pp. ,48X:19030-204,ODI: ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290502 Testimony of ER Frederick on 821207 in New York, NY. Pp 3,378-3,559.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/07, 181pp. , 4RX: 19031-004, ODI: , TN: GB02

NOT REVIEWED

8306290541 Testimony of ER Frederick on 821208 in New York, NY. Pp 3,560-3,733.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/08, 174pp. , 4RX: 19031-186, ODI: , TN: GB02

NOT REVIEWED

8306290543 Testimony of ER Frederick on 821209 in New York, NY. Pp 3,734-3,906.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/09, 172pp. , 4RX: 19031-361, ODI: , TN: GB02

NOT REVIEWED

8306290557 Testimony of ER Frederick on 821210 in New York, NY. Pp 3,907-3,989.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/10, 83pp. , 4RX: 19032-173, ODI: , TN: GB02

NOT REVIEWED

8306290560 Testimony of ER Frederick on 821213 in New York, NY. Pp 3,990-4085.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/13, 97pp. , 4RX: 19032-257, ODI: , TN: GB02

NOT REVIEWED

8306290437 Testimony of DF Hallman on 821112 in New York, NY. Pp 1,267-1,337.

HALLMAN, D.F. : Babcock & Wilcox Co.

DATE ISS: 82/11/12, 71pp. , 4RX: 19025-183, ODI: , TN: GB02

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U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290440 Testimony of DF Hallman on 821115 in New York, NY. Pd 1,338-1395.

HALLMAN, D.F. :Babcock & Wilcox Co.

DATE ISS:82/11/15, 68pp. ,4RX:19025-254,001: ,TN:GB02

NOT REVIEWED

8307260388 Testimony of J Herbein on 830118 in New York, NY. Pd 7,095-7,123.

HERBEIN, J. :General Public Utilities - GPU Service Corp.

DATE ISS:83/01/18, 29pp. ,4RX:19041-118,001: ,TN:GB02

NOT REVIEWED

8307260429 Testimony of E Kane on 821214 in New York, NY. Pd 4,370-4,388.

KANE, E. :Babcock & Wilcox Co.

DATE ISS:82/12/14, 19pp. ,4RX:19033-276,001: ,TN:GB02

NOT REVIEWED

8306290617 Testimony of E Kane on 821215 in New York, NY. Pd 4,389-4,414.

KANE, E. :Babcock & Wilcox Co.

DATE ISS:82/12/15, 27pp. ,4RX:19695-078,001: ,TN:GB02

NOT REVIEWED

8307260277 Testimony of BA Karrasch on 821115 in New York, NY. Pd 1,396-1,454.

KARRASCH, B.A. :Babcock & Wilcox Co.

DATE ISS:82/11/15, 69pp. ,4RX:19025-312,001: ,TN:GB02

NOT REVIEWED

8306290589 Testimony of RT Lahey on 821221 in New York, NY. Pd 5,103-5,203.

LAHEY, R.T. :Rensselaer Polytechnic Inst.

DATE ISS:82/12/21, 101pp. ,4RX:19035-290,001: ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290591 Testimony of RT Lahey on 821222 in New York, NY. Pp 5,280-  
5,370.

LAHEY, R.T. : Rensselaer Polytechnic Inst.

DATE ISS: 82/12/22, 91pp. , 48X:19036-105, ODI: , TN:GB02

NOT REVIEWED

8306290630 Testimony of RJ Marzec on 830105 in New York, NY. Pp 5,950-  
6,081.

MARZEC, R.J. : Duke Power Co.

DATE ISS: 83/01/05, 132pp. , 48X:19038-053, ODI: , TN:GB02

NOT REVIEWED

8306290634 Testimony of RJ Marzec on 830106 in New York, NY. Pp 6,082-  
6,232.

MARZEC, R.J. : Duke Power Co.

DATE ISS: 83/01/06, 151pp. , 48X:19038-186, ODI: , TN:GB02

NOT REVIEWED

8306290638 Testimony of RJ Marzec on 830107 in New York, NY. Pp 6,233-  
6,359.

MARZEC, R.J. : Duke Power Co.

DATE ISS: 83/01/07, 127pp. , 48X:19038-337, ODI: , TN:GB02

NOT REVIEWED

8306290642 Testimony of RJ Marzec on 830110 in New York, NY. Pp 6,379-  
6,481.

MARZEC, R.J. : Duke Power Co.

DATE ISS: 83/01/10, 103pp. , 48X:19039-121, ODI: , TN:GB02

NOT REVIEWED

8307260613 Testimony of C Michelson on 821223 in New York, NY. Pp 5,481-  
5,588.

MICHELSON, C. : Director's Office

DATE ISS: 82/12/23, 108pp. , 48X:19036-308, ODI: , TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307260071 Testimony of C Michelson on 830104 in New York, NY. Pp 5,912-5921.

MICHELSON, C. : Director's Office

DATE ISS: 83/01/04, 10pp. , 48X: 19038-015, ODI: , TN: GB02

NOT REVIEWED

8307260427 Testimony of J Phinney on 821214 in New York, NY. Pp 4,263-4,283.

PHINNEY, J. : Babcock & Wilcox Co.

DATE ISS: 82/12/14, 21pp. , 48X: 19033-169, ODI: , TN: GB02

NOT REVIEWED

8307210407 Testimony of L Rogers on 821212. Pp 5371-5446.

ROGERS, L. : Babcock & Wilcox Co.

DATE ISS: 82/12/12, 76pp. , 48X: 19695-001, ODI: , TN: GB02

NOT REVIEWED

8306290624 Testimony of L Rogers on 821223 in New York, NY. Pp 5,447-5,481.

ROGERS, L. : Babcock & Wilcox Co.

DATE ISS: 82/12/23, 36pp. , 48X: 19036-273, ODI: , TN: GB02

NOT REVIEWED

8306290575 Testimony of TF Scott on 821214 in New York, NY. Pp 4,179-4,217.

SCOTT, T.F. : Babcock & Wilcox Co.

DATE ISS: 82/12/14, 40pp. , 48X: 19696-246, ODI: , TN: GB02

2.5

8307260447 Testimony of Sieglitz on 830103 in New York, NY. Pp 5,701-5,753.

SIEGLITZ, R. : General Public Utilities - GPU Service Corp.

DATE ISS: 83/01/03, 53pp. , 48X: 19037-166, ODI: , TN: GB02

2.5

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NRC SPECIAL REPORT

8306290637 Testimony of R Sieglitz on 830104 in New York, NY. Pp 5,754-5911.

SIEGLITZ, R. : General Public Utilities - GPU Service Corp.

DATE ISS: 83/01/04, 147pp. , 48X: 19037-219, ODI: , TN: GB02

IRRELEVANT

8307260585 Testimony of E Swanson on 821215 in New York, NY. Pp 4,415-4,486.

SWANSON, E. : Babcock & Wilcox Co.

DATE ISS: 82/12/15, 70pp. , 48X: 19033-322, ODI: , TN: GB02

IRRELEVANT

8307260575 Testimony of J Taylor on 821109 in New York, NY. Pp 964-1,030.

TAYLOR, J. : Babcock & Wilcox Co.

DATE ISS: 82/11/09, 67pp. , 48X: 19024-241, ODI: , TN: GB02

2.5

8307260176 Testimony of EA Womack on 821216 in New York, NY. Pp 4,612-4,662.

WOMACK, E. A. : Babcock & Wilcox Co.

DATE ISS: 82/12/16, 51pp. , 48X: 19034-157, ODI: , TN: GB02

2.5

8307260240 Testimony of WH Zewe on 821117 in New York, NY. Pp 1,792-1,875.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/17, 84pp. , 48X: 19026-347, ODI: , TN: GB02

2.5

8306290441 Testimony of WH Zewe on 821118 in New York, NY. Pp 1,876-2,039.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/18, 163pp. , 48X: 19027-069, ODI: , TN: GB02

2.5

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290450 Testimony of WH Zewe on 821119 in New York, NY. Po 2,040-  
2,137. Po 2,040-2,061 withheld.

ZEW, W.H. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/11/19, 75pp. ,48X:19027-233, ODI: ,TN:GB02 2.5

8306290452 Testimony of WH Zewe on 821122 in New York, NY. Po 2,138-  
2,311.

ZEW, W.H. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/11/22, 173pp. ,48X:19027-311, ODI: ,TN:GB02 2.5

8306290453 Testimony of WH Zewe on 821123 in New York, NY. Po 2,312-  
2,574.

ZEW, W.H. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/11/23, 162pp. ,48X:19028-123, ODI: ,TN:GB02 2.5

8306290463 Testimony of WH Zewe on 821201 in New York, NY.  
Po 2,924-3,040.

ZEW, W.H. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/12/01, 116pp. ,48X:19029-273, ODI: ,TN:GB02 2.1, 2.2, 2.3, 2.4, 2.5,  
2.8

8306290472 Testimony of WH Zewe on 821202 in New York, NY. Po 3,041-  
3,180.

ZEW, W.H. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/12/02, 140pp. ,48X:19030-029, ODI: ,TN:GB02 2.5

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CATEGORY 2  
DEPOSITIONS

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307150007 Deposition of J Albert on 820421 in New York, NY. Pp 1-162.

ALBERT, J. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/04/21, 162pp. , 48X: 19529-001, ODI: , TN: GB02 NOT REVIEWED

8307110145 Deposition of RC Arnold on 820629 in New York, NY. Pp 1-287.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/29, 289pp. , 48X: 19489-024, ODI: , TN: GB02 2.5

8307120735 Deposition of RC Arnold on 820630 in New York, NY. Pp  
146 & 224-228.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/30, 6pp. , 48X: 19495-291, ODI: B&W 4044 , TN: GB02 2.5

8307120726 Continued deposition of RC Arnold on 820701 in New York, NY.  
Pp 288-471.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/07/01, 184pp. , 48X: 19465-070, ODI: , TN: GB02 2.5

8306290855 Deposition of G Billingsley on 820218 in New York, N. Y.  
Pp 1-157.

BILLINGSLEY, G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/02/18, 159pp. , 48X: 19058-087, ODI: , TN: GB02 2.4, 2.7

8306290859 Deposition of G Billingsley on 820219 in New York, N. Y.  
Pp 158-331.

BILLINGSLEY, G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/02/19, 173pp. , 48X: 19058-246, ODI: , TN: GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290862 Deposition of G Billingsley on B20225 in New York, N. Y.  
Pp 332-413.

BILLINGSLEY, G. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/02/25, 81pp. , 48X: 19059-058, ODI: , TN: GB02

NOT REVIEWED

8306290826 Deposition of ND Brown on B10721 in New York, N. Y. Pp 601-710.

BROWN, N. D. : Metropolitan Edison Co.

DATE ISS: 81/07/21, 111pp. , 48X: 19061-237, ODI: , TN: GB02

2.5

8306290962 Deposition of LR Cartin on B20413 in New York, NY. Pp 1-113.

CARTIN, L. R. : Babcock & Wilcox Co.

DATE ISS: 82/04/13, 113pp. , 48X: 19064-025, ODI: , TN: GB02

2.2, 2.5

8306290966 Deposition of LR Cartin on B20414 in New York, NY. Pp 114-214.

CARTIN, L. R. : Babcock & Wilcox Co.

DATE ISS: 82/04/14, 100pp. , 48X: 19064-140, ODI: , TN: GB02

2.5

8306290934 Deposition of AJ Dominguez on B20817 in New York. Pp 1-120.

DOMINGUEZ, A. J. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/08/17, 122pp. , 48X: 19065-133, ODI: , TN: GB02

2.7

8306290938 Deposition of BM Dunn on B10311 in New York, NY. Pp 1-133.

DUNN, B. M. : Babcock & Wilcox Co.

DATE ISS: 81/03/11, 133pp. , 48X: 19065-256, ODI: , TN: GB02

2.5

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

B306290943 Deposition of BM Dunn on 810312 in New York, NY. Pp 134-261.

DUNN, B. M. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/03/12, 130pp. , 48X: 19066-02B, ODI: , TN: 0B02 2.5

B306290949 Deposition of BM Dunn on 810313 in New York, NY. Pp 262-389.

DUNN, B. M. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/03/13, 129pp. , 48X: 19066-159, ODI: , TN: 0B02 2.5

B306290704 Deposition of F Faist on 820323 in New York, NY. Pp 1-137.  
Supporting documentation encl.

FAIST, F. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/03/23, 148pp. , 48X: 19072-052, ODI: , TN: 0B02 2.5

B306290713 Deposition of CC Faust on 810819 in New York, NY. Pp 129-412.

FAUST, C. C. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/08/19, 283pp. , 48X: 19072-331, ODI: , TN: 0B02 NOT REVIEWED

B307060447 Deposition of CC Faust on 810820 in New York, NY. Pp 276-412.

FAUST, C. C. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/08/20, 136pp. , 48X: 19301-291, ODI: , TN: 0B02 NOT REVIEWED

B306290701 Deposition of CC Faust on 810821 in New York, NY. Pp 413-566.

FAUST, C. C. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/08/21, 153pp. , 48X: 19073-275, ODI: , TN: 0B02 2.5

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290703 Deposition of CC Faust on 810924 in New York, NY. Pp 569-712.

FAUST, C. C. : Metropolitan Edison Co.  
:   
DATE ISS: 81/09/24, 143pp. , 48X: 19074-068, ODI: , TN: 0B02 2.4, 2.5

8306290705 Deposition of CC Faust on 810925 in 810925. Pp 713-898.

FAUST, C. C. : Metropolitan Edison Co.  
:   
DATE ISS: 81/09/25, 185pp. , 48X: 19074-212, ODI: , TN: 0B02 2.5, 2.7

8306290727 Deposition of JR Floyd on 820219 in New York, NY. Pp 160-293.  
Supporting documentation encl.

FLOYD, J. R. : Metropolitan Edison Co.  
:   
DATE ISS: 82/02/19, 134pp. , 48X: 19076-241, ODI: , TN: 0B02 2.4, 2.5

8306290733 Deposition of JR Floyd on 820428 in New York, NY. Pp 294-422.

FLOYD, J. R. : Metropolitan Edison Co.  
:   
DATE ISS: 82/04/28, 128pp. , 48X: 19077-014, ODI: , TN: 0B02 NOT REVIEWED

8306290736 Deposition of JR Floyd on 820429 in New York, NY. Pp 433-538.

FLOYD, J. R. : Metropolitan Edison Co.  
:   
DATE ISS: 82/04/29, 105pp. , 48X: 19077-144, ODI: , TN: 0B02 2.5

8306290738 Deposition of JR Floyd on 820430 in New York, NY. Pp 529-626.

FLOYD, J. R. : Metropolitan Edison Co.  
:   
DATE ISS: 82/04/30, 97pp. , 48X: 19077-250, ODI: , TN: 0B02 2.5

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290717 Deposition of ER Frederick on B20505 in New York, NY.  
Pp 129-281.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/05, 152pp. , 48X: 19078-116, ODI: , TN: 0802 2.5

8306290719 Deposition of ER Frederick on B20506 in New York, NY. Pp  
282-420.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/06, 138pp. , 48X: 19078-269, ODI: , TN: 0802 2.5

8306290780 Deposition of ER Frederick on B20512 in New York, NY.  
Pp 775-883.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/12, 108pp. , 48X: 19080-042, ODI: , TN: 0802 NOT REVIEWED

8306290786 Deposition of ER Frederick on B20513 in New York, NY.  
Pp 884-982.

FREDERICK, E. R. : Metropolitan Edison Co.

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8306290816 Deposition of C Goslow on B20107 in New York, NY. Pp 1-153.

GOSLOW, C. : Babcock & Wilcox Co.

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8306290823 Deposition of C Goslow on B20108 in New York, NY. Pp 154-306.

GOSLOW, C. : Babcock & Wilcox Co.

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8306290828 Deposition of CE Goslow on B20112 in New York, NY. Pp 307-430.

GOSLOW, C. E. : Babcock & Wilcox Co.

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8306290833 Deposition of CE Goslow on B20617 in New York, NY. Pp 431-565.

GOSLOW, C. E. : Babcock & Wilcox Co.

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8306290712 Deposition of DF Hallman on B20118 in New York, NY. Pp 1-82.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290716 Deposition of DF Hallman on B20119 in New York, NY. Pp 83-209.

HALLMAN, D. F. : Babcock & Wilcox Co.

DATE ISS: 82/01/19, 128pp. , 48X: 19085-064, ODI: , TN: 0B02

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8306290764 Deposition of DF Hallman on B20120 in New York, NY. Pp 210-353.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290758 Deposition of DF Hallman on B20121 in New York, NY. Pp 354-458.

HALLMAN, D. F. : Babcock & Wilcox Co.

DATE ISS: 82/01/21, 105pp. , 48X: 19085-336, ODI: , TN: 0B02

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8306290752 Deposition of DF Hallman on 820122 in New York, NY. Pp 459-547.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290745 Deposition of DF Hallman on 820615 in New York, NY. Pp 549-687.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290741 Deposition of DF Hallman on 820616 in New York, NY. Pp 688-838.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290881 Deposition of JG Herbein on 820630 in New York, N. Y. Pp 1-184.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290887 Deposition of JG Herbein on 820701 in New York, N. Y. Pp 185-294.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290892 Deposition of JG Herbein on 820702 in New York, N. Y. Pp 295-395.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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2.5, 2.7



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8307270534 Continued deposition of RC Jones on B10702 in New York, NY.  
Pp 278-358.

JONES, R. C. : Babcock & Wilcox Co.

DATE ISS: 81/07/02, 81pp. , 48X: 19788-084, ODI: , TN: 0B02

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8306290698 Deposition of ER Kane on B11217 in New York, NY. Pp 252-373.

KANE, E. R. : Babcock & Wilcox Co.

DATE ISS: 81/12/17, 122pp. , 48X: 19093-134, ODI: , TN: 0B02

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8306290700 Deposition of ER Kane on B11218 in New York, NY. Pp 376-430.

KANE, E. R. : Babcock & Wilcox Co.

DATE ISS: 81/12/18, 66pp. , 48X: 19093-257, ODI: , TN: 0B02

2.5

8306290976 Deposition of BA Karrasch on B10616 in New York, NY. Pp 1-9B.

KARRASCH, B. A. : Babcock & Wilcox Co.

DATE ISS: 81/06/16, 98pp. , 48X: 19093-313, ODI: , TN: 0B02

NOT REVIEWED

8306290980 Deposition of BA Karrasch on B10617 in New York, NY.  
Pp 99-219.

KARRASCH, B. A. : Babcock & Wilcox Co.

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8306290987 Deposition of BA Karrasch on B10619 in New York, NY.  
Pp 325-398.

KARRASCH, B. A. : Babcock & Wilcox Co.

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8306290990 Deposition of BA Karrasch on 810929 in New York, NY.  
Pp 399-493.

KARRASCH, B. A. : Babcock & Wilcox Co.

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8306290993 Deposition of BA Karrasch on 810930 in New York, NY.  
Pp 494-594.

KARRASCH, B. A. : Babcock & Wilcox Co.

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8306290900 Deposition of R Keaten on 820108 in New York, NY. Pp 488-626.

KEATEN, R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/01/08, 137pp. , 48X: 19096-317, ODI: , TN: GB02

2.1, 2.5

8306290907 Deposition of R Keaten on 820119 in New York, NY. Pp 628-764.  
Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/01/19, 137pp. , 48X: 19097-093, ODI: , TN: GB02

2.5

8306290913 Deposition of R Keaten on 820120 in New York, NY. Pp 765-904.  
Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/01/20, 140pp. , 48X: 19097-230, ODI: , TN: GB02

2.5

8306290918 Deposition of R Keaten on 820121 in New York, NY. Pp 905-  
1,056. Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/01/21, 152pp. , 48X: 19098-009, ODI: , TN: GB02

2.5

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8306290915 Deposition of JJ Kelly on B10505 in New York, N. Y. Pp 170-314.

KELLY, J. J. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/05/05, 145pp. , 48X: 19098-331, ODI: , TN: 0B02 2.5, 2.7

8306290920 Deposition of JJ Kelly on B10506 in New York, N. Y. Pp 315-452.

KELLY, J. J. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/05/06, 138pp. , 48X: 19099-113, ODI: , TN: 0B02 2.5

8306290925 Deposition of JJ Kelly on B10507 in New York, N. Y. Pp 453-555.

KELLY, J. J. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/05/07, 103pp. , 48X: 19099-250, ODI: , TN: 0B02 2.5, 2.8

8306290802 Deposition of G Kunder on B20702 in New York, NY. Pp 438-610.

KUNDER, G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/07/02, 163pp. , 48X: 19103-205, ODI: , TN: 0B02 NOT REVIEWED

8306290785 Deposition of DW LaBelle on B10604 in New York, NY.  
Pp 252-340.

LABELLE, D. W. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/06/04, 89pp. , 48X: 19104-268, ODI: , TN: 0B02 NOT REVIEWED

8306290836 Deposition of LC Lanese on B20324 in New York, NY. Pp 1-12B.

LANESE, L. C. : General Public Utilities - GPU Service Corp.  
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DATE ISS: 82/03/24, 128pp. , 48X: 19125-001, ODI: , TN: 0B02 NOT REVIEWED

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8306290787 Deposition of RL Long on 820520 in New York, NY. Pp 313-417.

LONG, R. L. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/05/20, 104pp. , 48X: 19695-131, ODI: , TN: 0802 2.5

8306290800 Deposition of JH MacMillan on 820610 in New York, NY.  
Pp 134-324.

MACMILLAN, J. R. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/06/10, 190pp. , 48X: 19129-186, ODI: , TN: 0802 2.5

8306290825 Deposition of BA Mehler on 810728 in New York, NY. Pp 1-172.

MEHLER, B. A. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/07/28, 172pp. , 48X: 19131-031, ODI: , TN: 0802 2.5

8307110121 Deposition of BA Mehler on 810731 in New York, NY. Pp 565-679.

MEHLER, B. A. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/07/31, 115pp. , 48X: 19488-271, ODI: , TN: 0802 IRRELEVANT

8306290842 Deposition of C Michelson on 820318 in Washington, DC. Pp 1-151. Supporting documentation encl.

MICHELSON, C. : Director's Office  
: :  
DATE ISS: 82/03/18, 152pp. , 48X: 19133-079, ODI: , TN: 0802 NOT REVIEWED

8306290848 Deposition of C Michelson on 820319 in Washington, DC. Pp 152-308.

MICHELSON, C. : Director's Office  
: :  
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8306290851 Deposition of AW Miller on B11201 in Middletown, PA. Pp 1-131.

MILLER, A. W. : General Public Utilities - GPU Service Corp.

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8306290837 Deposition of GP Miller on B20602 in New York, NY. Pp 1-128.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290841 Deposition of GP Miller on B20603 in New York, NY. Pp 129-273.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290845 Deposition of GP Miller on B20604 in New York, NY. Pp 274-395.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290847 Deposition of GP Miller on B20607 in New York, NY. Pp 396-473.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/06/07, 78pp. , 48X: 19135-195, ODI: , TN: 0802

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8306290897 Deposition of GP Miller on B20608 in New York, NY. Pp 474-600.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/06/08, 127pp. , 48X: 19135-273, ODI: , TN: 0802

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8306290922 Deposition of GP Miller on 820611 in New York, NY. Pp 874-1,066.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/06/11, 192pp. , 48X: 19136-312, ODI: , TN: 0B02

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8306290880 Deposition of TD Murray on 820128 in Toledo, OH. Pp 1-165.

MURRAY, T. D. : Toledo Edison Co.

DATE ISS: 82/01/28, 167pp. , 48X: 19137-143, ODI: , TN: 0B02

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8306290885 Deposition of RC Noll on 820714 in New York, NY. Pp 1-138.

NOLL, R. C. : Metropolitan Edison Co.

DATE ISS: 82/07/14, 138pp. , 48X: 19137-310, ODI: , TN: 0B02

2.5, 2.9

8306290856 Deposition of JD Phinney on 820113 in New York, NY. Pp 1-134.

PHINNEY, J. D. : Babcock & Wilcox Co.

DATE ISS: 82/01/13, 134pp. , 48X: 19138-154, ODI: , TN: 0B02

2.5

8306290853 Deposition of JD Phinney on 820114 in New York, NY. Pp 136-270.

PHINNEY, J. D. : Babcock & Wilcox Co.

DATE ISS: 82/01/14, 135pp. , 48X: 19138-288, ODI: , TN: 0B02

2.5

8306290909 Deposition of WE Potts on 820107 in New York, NY. Pp 1-176.

POTTS, W. E. : General Public Utilities - GPU Service Corp.

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2.4, 2.5

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8306290927 Deposition of WE Potts on B20108 in New York, NY. Pp 177-251.

POTTS, W. E. : General Public Utilities - GPU Service Corp.  
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DATE ISS: 82/01/08, 77pp. , 48X: 19140-018, ODI: , TN: GB02 2.5

8306290912 Deposition of MJ Ross on B11117 in Harrisburg, PA. Pp 1-201.

ROSS, M. J. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/11/17, 201pp. , 48X: 19141-322, ODI: , TN: GB02 2.5

8306290902 Deposition of F Scheimann on B20223 in New York, NY. Pp 1-156.

SCHEIMANN, F. : General Public Utilities - GPU Service Corp.  
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DATE ISS: 82/02/23, 157pp. , 48X: 19143-235, ODI: , TN: GB02 2.5

8306290942 Deposition of FJ Scheimann on B20225 in New York, NY. Pp 157-287.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.  
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DATE ISS: 82/02/25, 131pp. , 48X: 19144-030, ODI: , TN: GB02 2.5

8306290957 Deposition of FJ Scheimann on B20226 in New York, NY. Pp 288-399.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.  
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8306290965 Deposition of FJ Scheimann on B20401 in New York, NY. Pp 400-519.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.  
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DATE ISS: 82/04/01, 120pp. , 48X: 19144-273, ODI: , TN: GB02 2.3, 2.5

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8306290866 Deposition of FJ Scheimann on 820402 in New York, NY. Pp 520-556.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290870 Deposition of FJ Scheimann on 820427 in New York, NY. Pp 557-723.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290878 Deposition of FJ Scheimann on 820428 in New York, NY. Pp 724-881.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290884 Deposition of FJ Scheimann on 820608 in New York, NY. Pp 888-999.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290890 Deposition of FJ Scheimann on 820609 in New York, NY. Pp 1000-1068.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/06/09, 69pp. , 48X: 19146-145, ODI: , TN: 0B02 2.5

8306290948 Deposition of JL Seelinger on 811020 in Palm Beach, FL. Pp 102-248.

SEELINGER, J. L. : United Technologies Corp.

DATE ISS: 81/10/20, 147pp. , 48X: 19147-054, ODI: , TN: 0B02 2.5



Category 8 - Radiation Protection

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Hearing Item	Title
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Certification Item

26	Transfer of Containment Liquids
43	Liquid Radwaste
44	Gaseous Radwaste Leak Test
45	Fuel Handling Building Isolation
46	Fuel Handling Building Ventilation Modification
47	Hittman System
48	Trash Segregation
49	Monitoring System
50	Independent TMI-2 Sampling System
51	Liquid and Gaseous Radwaste Systems
52	Solid Radwaste System
68	Health Physics Qualifications Review
79	Integrity of Systems Outside Containment
80	Plant Shielding
83	Post-Accident Sampling
84	Radiation Monitors
85	Gaseous Effluent Monitors (Noble Gas)
86	Radioiodine/Particulate Sampling
87	Iodine Instrumentation
114	In-Plant Instrument Ranges - Effluent
115	In-Plant Instrument Range - Sampling
133	Emergency Planning Health Physics Matters

Long-Term Action

II.B.2 (LT-3)	Plant Shielding
II.B.3 (LT-3)	Post-Accident Sampling

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Category 9 - Emergency Planning

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Hearing Item	Title
Certification Item	
42	Emergency Preparedness
92	On-Site Technical Support Center
93	On-Site Operational Support Center
133	Emergency Planning Health Physics Matters
134	Emergency Action Levels (EALs)
135	Alert EAL
136	Dose Projection
137	Emergency Response Training
138	EOF Staffing Requirements
139	County and PEMA EP Brochure Review
140	EP Brochure
141	EP Brochures to Local Transients
142	Major Employer Briefings
143	Siren System Test
144	Communications Drill
145	School District Plans
149	Agricultural Brochure
152	Dauphin County Plan

Long-Term Action

III.A.1.2 (LT-3) Onsite Technical Support Center

LT-4 Improvements in Emergency Preparedness

- (a) Modify emergency plans to address changing capabilities of plant instrumentation
  - (b) Extend the capability to take appropriate emergency actions for population around the site to a distance of ten miles
-



TABLE 1 RESTART CERTIFICATION ITEMS

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
<u>Commission Order of 8/9/79</u>					
<u>EFW Reliability</u>					
1	Auto Initiation of EFW	Provide automatic initiation of the motor driven EFW pumps on loss of both feedwater pumps or loss of four RCPs. (See also items 81 and 121).	NUREG-0680 Inspection Report (IR-80-26) IR-81-28 IR-82-01 IR-82-26	Complete. Test during power escalation testing (PET) to be implemented by license condition.	No (Reg. I) PET (9/83) Note 1
2	EFW Valves Fail Open	Modify the EFW control valves such that they fail open on loss of air.	NUREG-0680 IR-80-26 IR-81-22 IR-81-28 IR-82-01 IR-82-06	Complete	Yes
3	Auto EFW Load on Diesels	Provide automatic block loading of the motor driven EFW pumps on the diesel.	NUREG-0680 IR-80-26 IR-81-14 IR-81-28 IR-82-01 IR-82-26 IR-83-14	Complete	Yes
4	EFW Tech Specs	Incorporate EFW in the TMI-1 Technical Specifications per IE Bulletin 79-05A, Item 8. Staff verify that EFW capacity Technical Specification requirements are in accordance with accident analyses.	License Amendment (AMD) 78. IR-81-17 IR-81-21 IR-83-14	Complete	Yes

A (Table 1)-1

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
5	EFW Flow Indication (Control Grade)	Provide indication in the control room of EFW flow to each steam generator. (See also item 82).	NUREG-0680 IR-82-17 IR-83-01 IR-83-02 IR-83-06	Licensee installing safety grade system per long-term requirement. Installed modification unsatisfactory, replacement modification pending (8/83). Estimate review completion 8/83 (NRR).	No (Reg. I) 9/83
6	EFW Procedures	Provide procedures and training to assure that EFW is available and properly applied when required. Procedures will identify the need to verify proper operation when EFW is initiated.	NUREG-0680	Complete	Yes
7	EFW Alignment	To assure that EFW will be aligned in a timely manner to inject on all EFW demand events when in surveillance test mode, procedures will be implemented and training conducted to provide an operator at the necessary location in communications with the control room during the surveillance mode to carry out alignment changes necessary upon EFW demand events.	NUREG-0680 IR-81-21	Complete	Yes
8	EFW Auto-Start Annunciation	Design review and modifications, as necessary, will be conducted to provide control room annunciation for all auto start conditions of the EFW system.	NUREG-0680 IR-81-28 IR-82-01	Complete	Yes
<u>Reliability Analysis</u>					
9	CST Level Alarm	Provide redundant level indication and control room alarms for the primary EFW system water supply.	NUREG-0680 IR-82-01 IR-82-19 IR-82-26	Complete	Yes

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
10	Endurance Test	Perform a 48-hour endurance test on all EFW system pumps.	IR-81-28	Complete	Yes
11	Transfer of EFW Supply	Revise emergency procedures to assure proper transfer of EFW supply to alternate sources when required.	NUREG-0680	Complete	Yes
12	EFW to Intact OTSG	Provide automatic termination of EFW flow to a depressurized steam generator and automatic supply to the intact steam generator. (See also item 122).	NUREG-0680	Complete	N/A Note 2
13	Auto EFW Protection on Loss of Water Source	Evaluate the need for automatic protection of EFW system pumps on loss of unprotected primary EFW system water source (following a seismic event or tornado).	NUREG-0680	Complete	N/A Note 2
14	EFW Initiation Independent of AC	Verify that EFW system initiation and operation is assured independent of alternating current power source for at least two hours.	NUREG-0680 IR-82-01 IR-83-19	Complete - Test during PET to be implemented by license condition.	No (Reg. 1) PET (9/83) Note 1
15	Cross-Tie Break	Perform volumetric nondestructive examination (NDE) of 10 welds in the EFW pump discharge lines.	IR-81-26 IR-82-19	Complete	Yes
16	EFW Independent of ICS	Develop and implement operating procedures for initiating and controlling EFW independent of Integrated Control System (ICS) control.	NUREG-0680 IR-81-22 IR-81-28 IR-82-03	Complete	Yes
17	Small Break Analysis	Complete analyses for potential small breaks and develop and implement operating instructions to define operator action.	NUREG-0680 IR-83-11	Complete	Yes

A (Table 1)-3

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
18	Operator Retraining	Augment the retraining of all Reactor Operators and Senior Reactor Operators assigned to the control room, including training in the areas of natural circulation and small break loss-of-coolant accidents, including revised procedures and the TMI-2 accident. All operators will also receive training at the B&W simulator on the TMI-2 accident and the licensee will conduct a 100 percent reexamination of all operators in these areas. NRC will administer complete examinations to all licensed personnel in accordance with 10 CFR 55.20-23.	NUREG-0680 Board Notification BN-82-21 of 3/5/82.	Complete	N/A Note 2
	<u>IE Bulletins</u>				
19	Accident Understanding	Review TMI-2 accident circumstances and chronology per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
20	Plant Transient Review	Review past transients and provide details of significant deviations from expected performance per IE Bulletin 79-05A.	NUREG-0680 IR-83-02	Complete	Yes
21	Transient Procedures	Review procedures for coping with transients and accidents per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
22	Operating Procedures	Review procedures to ensure operators do not override automatic ESF initiation per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
23	Valve Position Review	Perform a complete safety-related system valve lineup prior to plant restart. (See also item 116).	NUREG-0680	Perform verification at HFT (8/83)	No (Reg. I) 9/83 Note 3

A (Table 1)-4



TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
24	EFW Valve Procedures	Prepare and implement procedures to assure critical EFW valves remain in the correct position.	NUREG-0680	Complete	Yes
25	EFW Operability	Prepare and implement procedures to assure operability of two 100% capacity EFW flow paths per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
26	Transfer of Containment Liquids	Review systems and procedures to assure that undesired inadvertent pumping of radioactive liquids and gases will not occur per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
27	Safety System Operability	Review and modify procedures to verify operability of safety systems prior to removing redundant systems from service per IE Bulletin 79-05A.	NUREG-0680	Complete	Yes
28	Personnel Actions TMI-2	Advise operating and maintenance personnel of the extreme seriousness and consequences of the simultaneous blocking of both auxiliary feedwater trains at the Three Mile Island Unit 2 plant and other actions taken during the early phases of the accident.	NUREG-0680	Complete	Yes
29	Prompt Reporting	Review prompt reporting procedures for NRC notification to assure very early notification of serious events.	NUREG-0680	Complete	Yes
30	Natural Circulation	Develop procedures and train personnel on methods of establishing and maintaining natural circulation per IE Bulletin 79-05B.	NUREG-0680	Complete	Yes
31	Vessel Integrity	Modify procedures of Item 22 above to consider vessel integrity per IE Bulletin 79-05B.	NUREG-0680	Complete	Yes

A (Table 1)-5

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
32	PORV Setpoint	Perform analyses and modifications to reduce the likelihood of PORV actuations during anticipated transients per IE Bulletin 79-05B.	NUREG-0680 AMD. 78 IR-81-21 IR-82-15 IR-83-09	Complete	Yes
33	Manual Reactor Trip	Provide procedures and training for prompt manual reactor trip for transients resulting in pressure increases per IE Bulletin 79-05B.	NUREG-0680	Complete	Yes
34	Anticipatory Reactor Trip	Provide for NRC approval a design review and schedule for implementation of a safety grade automatic anticipatory reactor scram for loss of feedwater, turbine trip or significant reduction in steam generator level . (IE Bulletin 79-05B).	NUREG-0680 AMD 78 IR-80-31 IR-81-03 IR-81-11 IR-81-21 IR-81-28 IR-82-06 IR-82-14 IR-82-26	Complete - Test during PET to be implemented by license condition.	No (Reg. I) PET (12/83) Note 1
35	Prompt Reporting	Review prompt reporting procedures to assure NRC is notified within one hour of the time the reactor is not in a controlled condition per IE Bulletin 79-05B.	NUREG-0680	Complete	Yes
36	Tech Spec Changes	Propose changes as required to those Technical Specifications which must be modified as a result of implementing IE Bulletin 79-05B.	AMD 78 IR-82-19	Complete	No (Reg. I) 8/83

A (Table 1)-6

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
37	RCP Trips	Upon reactor trip and initiation of HPI, immediately trip all RCPs. Provide two license operators to do this. (IE Bulletin 79-05C).	NUREG-0680	Complete	Yes
38	Small LOCA Analyses	Perform and submit a report of small LOCA analyses per IE Bulletin 79-05C.	NUREG-0680	Complete	N/A Note 2
39	Operator Action-RCP Trips	Based on the analyses of item 38, develop guidelines for operator action for LOCA and non-LOCA transients per IE Bulletin 79-05C.	NUREG-0680	Complete	N/A Note 2
40	Reactor Trip Training	Based on the guidelines developed for item 39, revise emergency procedures and train all operators. (IE Bulletin 79-05C).	NUREG-0680	Complete	Yes
41	Inadequate Core Cooling	Provide analyses and develop guidelines and procedures related to inadequate core cooling per IE Bulletin 79-05C.	NUREG-0680	Complete	Yes
42	Emergency Preparedness	Improve emergency preparedness per order item 3 of Commission Order dated 8/9/79.	NUREG-0746 IR-81-20	Complete	Yes
	<u>Separation of TMI-1 and TMI-2</u>				
43	Liquid Radwaste	Isolate specific liquid radwaste connections between units.	NUREG-0680 IR-82-21 IR-83-01	Complete	Yes

A (Table 1)-7

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
44	Gaseous Radwaste Leak Test	Perform a helium leak test of the gaseous waste processing system.	NUREG-0680 IR-82-21 IR-83-11	Complete	Yes
45	Fuel Handling Building Isolation	Modify the TMI-1 fuel handling building layout to isolate the fuel handling floor from the auxiliary building and control building.	NUREG-0680 IR-82-21	Complete	Yes
46	Fuel Handling Building Ventilation Modification	Modify auxiliary building and fuel handling building ventilation system by adding two leak tight dampers.	NUREG-0680 IR-82-21	Complete	Yes
47	Hittman System	Install interim (Hittman) radwaste solidification system.	NUREG-0680 IR-81-34 IR-82-03 IR-82-21	Complete	Yes
48	Trash Segregation	Segregate trash during collection to insure TMI-1 and TMI-2 wastes remain separate.	NUREG-0680 IR-82-21	Complete	Yes
49	Monitoring System	Verify complete separation of TMI-1 and TMI-2 process and effluent radiological monitoring systems.	NUREG-0680	Complete	N/A Note 2
50	Independent TMI-2 Sampling System	Construct an independent radioactive liquid sampling system for TMI-2.	NUREG-0680 IR-82-21	Complete	Yes
	<u>Waste Management</u>				
51	Liquid and Gaseous Radwaste Systems	Demonstrate that the waste management capability including storage and processing for liquid and gaseous wastes is adequate to assure safe operation of TMI-1 and that TMI-1 waste handling capability is not relied on by operations at TMI-2.	NUREG-0680	Complete	N/A Note 2

A (Table 1)--8

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
52	Solid Radwaste System	Demonstrate that the waste management capability including storage and processing for solid wastes is adequate to assure safe operation of TMI-1 and that TMI-1 waste handling capability is not relied on by operations at TMI-2 (Expand low activity solid waste storage).	NUREG-0680 IR-82-21 IR-83-01	Complete	Yes
	<u>Managerial Capability</u>				
53	Training of Operating Staff	Perform retraining of operating staff per numerous requirements summarized in NUREG-0680 page C6-5.	NUREG-0680	Complete	N/A Note 2
54	Facility Procedures	Revise facility procedures to conform with requirements of CLI 80-5, IE Bulletins 79-05A,B,C and NUREG-0578.	NUREG-0680	Complete	Yes
55	Operational Quality Assurance Program	Demonstrate the adequacy of the Operational Quality Assurance Program.	NUREG-0680	Complete	Yes
56	Plant Maintenance	Demonstrate the adequacy of the plant maintenance support organization.	NUREG-0680 IR-80-19 IR-80-21	Complete	Yes
57	Command and Administrative Structure Review	Determine whether the licensees command and administrative structure at both the plant and corporate levels, is appropriately organized to assure safe operation of TMI-1.	NUREG-0680 IR-80-19	Complete	Yes

A (Table 1)-9

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
58	Operations and Technical Staff Qualifications Review	Determine whether the operations and technical staff of TMI-1 is qualified to operate Unit 1 safely (adequacy of the facility's maintenance program should be considered).	NUREG-0680 IR-80-21	Complete	Yes
59	Radwaste Operator Qualifications	Determine whether the TMI-1 Radiation Waste system is appropriately staffed with qualified individuals to ensure safe operation of the facility.	NUREG-0680 IR-80-21	Complete	Yes
60	Finance & Technical Department Relationship	Determine whether the relationship between licensee's corporate finance and technical departments is such as to prevent financial considerations from having an improper impact upon technical decisions.	NUREG-0680	Complete	Yes
61	Qualifications of Safety Review Groups	Determine whether the licensee has made adequate provision for groups of qualified individuals to provide safety review of and operational advice regarding TMI-1.	NUREG-0680	Complete	Yes
62	Comparison of TMI-1 Infractions with Industry-wide Statistics	Determine what, if any, conclusions regarding licensee's ability to operate TMI-1 safely can be drawn from a comparison of the number and type of past infractions of NRC regulations attributable to the Three Mile Island Units with industry-wide infraction statistics.	NUREG-0680	Complete	N/A Note 2

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
63	Comparison of TMI-1 LERs with Industry-wide Statistics	Determine what, if any, conclusions regarding licensee's ability to operate TMI-1 safely can be drawn from a comparison of the number and type of past Licensee Event Reports ("LER") and the licensee's operating experience at the Three Mile Island Units with industry-wide statistics on LER's and operating experience.	NUREG-0680	Complete	N/A Note 2
64	Review of Management Actions During the TMI-2 Accident	Determine whether the actions of Licensee's corporate or plant management (or any part or individual member thereof) in connection with the accident at TMI-2 reveal deficiencies in the corporate or plant management that must be corrected before TMI-1 can be operated safely.	NUREG-0680 IR-83-10	Item to remain open pending resolution of GPU management integrity/competency issue.	Inspection TBD
65	Technical Capability Review	Determine whether licensee possesses sufficient in-house technical capability to ensure the simultaneous safe operation of TMI-1 and clean-up of TMI-2.	NUREG-0680 IR-80-19	Complete	Yes
66	Management & Technical Capability	Assess management and technical capability and the training of the operations staff (Training Manual).	NUREG-0680 IR-80-19 IR-81-33 IR-82-16	Complete	Yes
67	Safety Review	Licensee make acceptable provisions for reviews and audits of changes to plant design and procedures (EP-013 and AP-1032). (See also item 106)	IR-80-19 IR-81-33 IR-82-09 IR-82-16 IR-82-18 IR-83-02	Complete	Yes

A (Table 1)-11

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
68	Health Physics Qualifications Review	Determine whether the TMI-1 Health Physics program is appropriately organized and staffed with qualified individuals to ensure safe operation of the facility.	NUREG-0680 IR-83-04	Complete	Yes
69	Training for Mitigating Core Damage	Complete training program prior to exceeding 5% power.	NRC letter 4/22/81 IR-81-33 IR-83-06	Complete	Yes
70	Training Program Description	Prepare program description for training per item 69.	NRC letter 4/22/81	Complete	N/A Note 2
71	Inspector Views	Resolve inspector concerns regarding quality of plant management, corporate management, staffing, organization and resources.	NUREG-0600 IR-80-19 IR-80-21 IR-80-22 NUREG-0680 IR-83-15	Complete	Yes
<u>Lessons Learned-Short Term</u>					
<u>2.1.1 Emergency Power Supply</u>					
72	Pressurizer Heaters	Provide redundant emergency power for the minimum number of pressurizer heaters required to maintain natural circulation in the event of a loss of offsite power. (See also item 110).	NUREG-0680 IR-81-08 IR-81-28 IR-82-01 IR-82-19 IR-82-26	Complete	Yes



TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
73	Pressurizer Level, Relief and Block Valves	Provide emergency power to the control and motive power systems for the power-operated relief valve and associated block valve and to the pressurizer level indication instrument channels.	NUREG-0680	Complete	Yes
74	Relief Valve Testing Program Description	Commit to provide performance verification by full scale prototypical testing for all relief and safety valves.	NUREG-0680	Complete	N/A Note 2
75	Valve Position Indication	Provide in the control room either a reliable, direct position indication for the PORV and SRVs or reliable flow indication devices downstream of the valves.	NUREG-0680 IR-80-04 IR-80-05 IR-81-28 IR-81-22 IR-82-21 IR-82-26 IR-81-04 IR-81-24 IR-82-19	Complete	Yes
76	Inadequate Core Cooling	Perform analyses and implement procedures and training for prompt recognition of low reactor coolant level and inadequate core cooling using existing reactor instrumentation (flow, temperature, power, etc.) or short-term modifications of existing instruments. (See also item 113) (Note: License condition required by ALAB-729, p.176)	NUREG-0680 NUREG-0752 NRC letter 6/14/83 IR-81-10 IR-81-14 IR-81-24 IR-81-28 IR-82-01 IR-82-07 IR-82-10 IR-82-14 IR-82-17 IR-82-19 IR-82-26	Complete - Test during PET to be implemented by license condition.	No (Reg. 1) PET (9/83-12/83) Note 1

A (Table 1)-13

Table 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
77	Containment Isolation	Provide containment isolation on diverse signals, review isolation provisions for non-essential systems and revise as necessary, and modify containment isolation designs as necessary to eliminate the potential for inadvertent reopening upon reset of the isolation signal.	NUREG-0680 NRC letter 4/22/81 IR-80-05 IR-80-31 IR-81-04 IR-81-05 IR-82-01 IR-82-07 IR-82-19 IR-82-24 IR-82-26 IR-83-02 IR-83-14	Complete	No (Reg. I) 8/83
78	Dedicated Hydrogen Penetrations	Provide dedicated penetrations and isolation systems that meet redundancy and signal failure requirements.	NUREG-0680 IR-80-17 IR-82-06 IR-82-26 IR-83-05	Complete	Yes
79	Integrity of Systems Outside Containment	Perform leakage rate tests on systems outside containment that process primary coolant and could contain high level radioactive materials. Develop and implement a periodic testing and preventative maintenance programs.	NUREG-0680 IR-83-14	Estimated review completion 8/83 (NRR). Test during HFT (8/83).	No (Reg. I) 9/83 Note 3
80	Plant Shielding	Perform a design review of the shielding of systems processing primary coolant outside of containment. Determine any areas or equipment that are vital for post-accident occupancy or operation and assure that access and performance will not be unduly impaired due to radiation from these systems.	NUREG-0680	Complete	N/A Note 2

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
81	EFW Auto-Initiation	Provide automatic initiation of all EFW systems. (See also items 1 and 121).	NUREG-0680 IR-80-26 IR-82-01 IR-81-28 IR-82-26	Complete - Test during PET to be implemented by license condition.	No (Reg. I) PET (9/83) Note 1
82	EFW Flow Indication (Control Grade)	Provide indication in the control room of EFW flow for each steam generator. (See also item 5).	NUREG-0680 IR-02-17 IR-83-01 IR-83-02 IR-83-06	Licensee installing safety grade system per long-term requirement. Installed modification unsatisfactory, replacement modification pending (8/83). Estimated review completion 8/83 (NRR).	No (Reg. I) 9/83
83	Post-Accident Sampling	Review and upgrade the capability to obtain samples from the reactor cooling system and containment atmosphere under high radioactivity conditions. Provide the capability for chemical and spectrum analysis of high-level samples on site.	NUREG-0680	Complete	No. (Reg. I) 8/83
84	Radiation Monitors	Install safety-grade in containment radiation monitors.	NUREG-0680 IR-83-04	Complete	No (Reg. I) 8/83
85	Gaseous Effluent Monitors (Noble Gas)	Install high-range gaseous effluent monitors. (See also item 114).	NUREG-0680 IR-83-04	Review complete. Licensee estimates 8/83 modification completion.	No (Reg. I) 8/83
86	Radioiodine/Particulate Sampling	Install expanded range radioiodine/particulate sampling system. (See also item 115)	NUREG-0680 IR-82-26 IR-83-04	Complete	No (Reg. I) 8/83

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
87	Iodine Instrumentation	Provide instrumentation for accurately determining in-plant airborne radioiodine concentrations to minimize the need for unnecessary use of respiratory protection equipment.	NUREG-0680	Complete	No (Reg. I) 8/83
88	Shift Supervisor	Review plant administrative and management procedures and revise as necessary to assure that reactor operations command and control responsibilities and authority are properly defined.	NUREG-0680	Complete	Yes
89	Shift Technical Advisor	Provide on shift a qualified person (the shift technical advisor) with a bachelor's degree or equivalent in a science or engineering discipline and with specific training in the plant response to off-normal events and in accident analysis of the plant.	NUREG-0680	Complete	N/A Note 2
90	Shift turnover	Review revise and evaluate effectiveness of plant procedures as necessary to assure that a shift turnover checklist is provided and required to be completed and signed by the on-coming and off-going individuals responsible for command of operations in the control room.	NUREG-0680 IR-82-18	Complete	Yes
91	Control Room Access	Assure that access to the control room under normal and accident conditions is limited to those persons necessary to the safe command and control of operations.	NUREG-0680	Complete	Yes
92	Onsite Technical Support Center	A separate technical support center shall be provided for use by plant management, technical, and engineering support personnel.	NUREG-0680 NUREG-0746 IR-83-02	Complete	Yes
93	Onsite Operational Support Center	Establish and maintain an operational support center outside the control room.	NUREG-0680 NUREG-0746	Complete	Yes

A (Table 1)-16

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
<u>ASLB Management PID of 8/27/81</u>					
94	Human Factors Components	Implement Human Factors items cited in GPU letter dated 1/21/81, (Hukill to Reid) that were to be done prior to restart and prior to 1983.	IR-82-17	Estimated review completion 8/83 (NRR).	No (NRR) 8/83
95	Accuracy of Maintenance Records	Staff perform inspections and licensee perform actions described in Section II.D of 8/27/81 PID.	IR-81-27 IR-83-02	Complete	Yes
96	Overtime Policy	Verify continued implementation of policy set forth in GPU memo of February 1980 (PID paragraph 343).	IR-81-01	Estimated review completion 8/83 (NRR).	No (NRR) 8/83
97	IOSRG	Document proper staffing of Independent Off-Site Review Group (IOSRG).		Estimated review completion 8/83 (NRR/Reg. I).	No (NRR/Reg. I) 8/83
98	Category T	Licensee administer Category T examinations to license candidates.	Board Notification BN-82-21 of 3/5/82	Complete	N/A Note 2
99	TMI-2 Accident Training	Licensee demonstrate that all licensee operators received three days additional training on TMI-2 accident.	IR-82-16	Complete	Yes Note 2
100	Simulator Examinations	Licensee demonstrate that all operators not previously NRC licensed have completed an NRC exam at B&W simulator.	BN-82-21 of 3/5/82	Complete	N/A Note 2
101	CRT Simulator	Licensee demonstrate that a CRT part-task simulator which displays temperature and pressure, is available at TMI-1.	IR-81-33	Complete	Yes
102	Replica Simulator	Licensee prepare for bids and distribute specifications for a TMI-1 exact replica simulator. Make reasonable effort to install by 1985.	NRC letter 12/22/82	Complete	N/A Note 2

A (Table 1)-17

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
103	Contract for Basic Principles Trainer	Licensee demonstrate that a basic principles trainer for TMI-1 is contracted to be installed in 1982.	NRC letter 12/22/82	Complete	N/A Note 2
104	Emergency Director/ Support Director Training	Licensee demonstrate that members of senior management (since July 1, 1979) who are designated to act as Emergency Directors or Emergency Support Director, have received a formal training course.	IR-83-02	Complete	Yes
105	License Conditions for Shift Manning	At time of restart, staff impose and enforce license conditions per PID Section II.M.9(a)-(g) for operation at TMI-1 concerning shift manning.	--	NRR issue license condition.	No (Reg. I) 8/83
106	Operating Information Management System	Licensee provide and maintain a management system to perform functions per PID Section II.M.10(a)-(c). (See also item 67).	IR-80-19 IR-81-33 IR-82-09 IR-82-16 IR-82-18 IR-83-02	Complete	Yes
<u>ASLB Plant Design, Procedures, and Modifications PID of 12/14/81</u>					
107	Natural and Forced Circulation	Install new shield walls between the HPI piping and motor control centers.	NUREG-0680 IR-82-13	Complete	Yes
108	Abnormal Transients Operating Guidelines	Staff review revised ATOG program and report to Commission on reasonable progress.	NRC letter 10/26/82	Complete	N/A Note 2
109	Pressurizer Heaters	Demonstrate reactor coolant pressure control using HPI system.	IR-83-01	Complete	Yes

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
110	Connecting Pressurizer Heaters to Diesel - Procedures	Staff verify procedures for reconnecting pressurizer heaters. (See also item 72). (Note: License condition required per ALAB-729).	NUREG-0680	Complete	No (Reg. 1) 8/83
111	Connecting Pressurizer Heaters to Diesel - Demonstration	Licensee demonstrate connection of heaters to emergency buses; staff monitor test and evaluate results. (Note: Staff advise Commission if test disables emergency power supply. (ALAB-729)).	IR-83-01	Complete - Test during HFT (9/83).	No (Reg. 1) 9/83 Note 3
112	Computers - Operator Reliance	Staff verify that operators do not rely solely on computer information for making operational decisions	IR-82-18	Complete	Yes
113	Computers - Incore Thermocouple Backup	Install and have operational data logging or recording instrument displays of certain in-core temperature information (before 5% power -lic. condition). System must be safety-grade per ALAB-729, p. 176. (See also item 76).	NUREG-0680 NUREG-0752 IR-81-10 IR-81-28 IR-81-14 IR-81-24 IR-82-01 IR-82-07 IR-82-10 IR-82-14 IR-82-17 IR-82-19 IR-82-26	Licensee filing estimated 8/83. NRR estimates 8/83 review completion. NRR issue license conditions before 5% power. Test during PET.	No (Reg. 1) PET (9/83) Note 1
114	In-Plant Instrument Ranges - Effluent	Install extended range noble gas effluent monitors. (See also item 85).	NUREG-0680 IR-83-04	Complete - Licensee estimates 8/83 modification completion.	No (Reg. 1) 8/83
115	In-Plant Instrument Range - Sampling	Install expanded sampling system capability for monitoring radioiodine and particulates. (See also item 86).	NUREG-0680 IR-82-26 IR-83-04	Complete	No (Reg. 1) 8/83

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
116	Safety-System Status Panel - Valve Lineup	Licensee perform complete review of safety system valve lineup. Staff perform independent verification. (See also item 23).	--	Perform verification at HFT (8/83)	No (Reg. I) 9/83 Note 3
117	Safety-System Status Panel - Administrative Controls	Staff review licensee compliance with NUREG-0737 requirement to upgrade administrative controls for monitoring and verifying system status prior to restart.	NRC Letter 4/22/81 IR-82-16 IR-83-02	Complete	Yes
118	Control Room Design Review	Licensee perform NUREG-0752 recommended corrections, staff review modifications against criteria of NUREG-0752 and Supplement 1. (See also item 125).	NUREG-0752 IR-81-24 IR-82-17 IR-82-19 IR-82-26 IR-83-09 IR-83-14	Complete	Yes
119	Additional LOCA Analysis	Install HPI system cavitating venturis and cross-connect.	IR-81-19 IR-82-07 IR-82-10 IR-82-26	Complete - Test during HFT. (8/83)	No (Reg. I) 9/83 Note 3
120	Pressurizer Level Instrumentation	Upgrade pressurizer level instrumentation by providing redundant vital power supplies.	IR-82-26	Complete	Yes
121	EFW Reliability	Provide auto initiation of EFW. (See also items 1 and 81). (Note: System need not be safety grade at restart so long as an operator is dispatched to EFW station.) (ALAB-729).	NUREG-0680 IR-80-26 IR-81-28 IR-82-01 IR-82-26	Complete - Test during PET to be implemented by license condition.	No (Reg. I) PET (9/83) Note 1

A (Table 1)-20



TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
122	Prevent EFW Isolation by Rupture Detection System Failure	Licensee propose means for preventing feedwater isolation due to failure in rupture detection system. (Reasonable progress). (See also item 153).	NRC letter 11/10/82 IR-83-01	Complete	Yes
123	Evaluate Organization and Management Improvements	Perform evaluation per Item I.B.1.2 of NUREG-0694.	NRC letter 4/22/81	Complete	N/A Note 2
124	NSSS Vendor Review of Procedures	Perform review per Item I.C.7 of NUREG-0694.	NRC letter 4/22/81 IR-82-16	Complete	Yes
125	Control Room Design Review	Perform review per Item I.D.1 of NUREG-0694. (See also item 118).	NUREG-0752 IR-81-24 IR-82-17 IR-82-19 IR-82-26 IR-83-09	Complete	Yes
126	Training During Low Power Testing	Perform training per Item I.G.1 of NUREG-0694.	NRC letter 4/22/81 NRC letter 12/21/82 IR-81-33	Complete - Test during PET to be implemented by license condition.	No (Reg. I) PET (9/83 -12/83) Note 1
127	Pilot Monitoring of Selected Emergency Procedures	Perform monitoring per Item I.C.8 of NUREG-0694.	NRC letter 4/22/81	Complete	N/A Note 2

A (Table 1)-21

TABLE 1 CONTINUED

<u>Number</u>	<u>Item</u>	<u>Definition</u>	<u>Completion Documentation</u>	<u>Review Status/Remarks</u>	<u>NRC Inspection Complete</u>
128	Equipment Qualification	Staff certify to Commission a report on licensee's compliance with CLI-80-21 with respect to radiation.	1/28/82 staff filing to Commission	Complete	N/A Note 2
129	Equipment Qualification	Comply with six equipment qualification conditions of PID paragraph 1163.	NRC letter 10/8/82 IR-83-02	Complete	Yes
130	Flood Level Calculations	Staff perform an independent review of licensee's calculations of flood level in the reactor building. Staff conduct review of operational limitations that must be imposed.	NRC letters 7/26/82, 7/19/83 IR-81-28 IR-82-03 IR-82-07 IR-82-26 IR-82-06 IR-82-19	Complete	Yes
131	Position on Cold Shutdown	Licensee environmentally qualify a single path to cold shutdown or bring the matter to the attention of the Commission.	1/28/82 staff filing to Commission	Complete	N/A Note 2
132	Ventilation Separation Program	Licensee submit to the staff a program designed to test the adequacy of its phase I ventilation separation program such that staff can certify that a satisfactory test program has been implemented.	NRC letter 3/9/83	Complete	Yes

A (Table 1)-22

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
<u>ASLB Emergency Planning PID of 12/14/81</u>					
133	Emergency Planning Health Physics Matters	(1) Complete 1 training cycle of the Emergency Plan training program. (2) Verify upgrade of Reactor Building alarm. (3) Include high range noble gas monitor readings and an radioiodine effluent analyses in the dose assessment scheme. (4) Implement procedures for collecting and analyzing absorbent media for radioiodine and gaseous effluents under accident conditions (Paragraphs 1404, 1479).		Review scheduled for 8/83 completion (IE).	No (IE) 8/83
134	EALs	Verify and document that the General Emergency and reactor coolant system activity Emergency Action Levels (EALs) have been revised to be consistent with NUREG-0654.	NRC letter 7/25/83	Complete	Yes
135	Alert EAL	Verify and document that the reactor coolant system EAL for an Alert precisely conforms to the 300 MCi/ml equivalent I-131 criteria in NUREG-0654.	NRC letter 7/25/83	Complete	Yes
136	Dose Projection	Verify and document revision of procedures for off-site dose projection to include a curve of estimated containment leak rate as a function of containment design pressure and actual measured pressure.	NRC letter 7/25/83	Complete	Yes

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
137	Emergency Response Training	<p>(1) Verify and document completion of one full iteration of Emergency Organization Training for offsite support organizations including local fire depts, ambulance services, local police depts. State Police and Middletown police get specific training.</p> <p>(2) Verify and document Radiation Management Corp. Annual Training of Hospital and ambulance personnel.</p> <p>(3) Verify and document formal training course on plant design features for licensee senior management who joined the licensee since 6/9/79 and who will serve as Emergency Director or Emergency support Director.</p>	IR-83-13	Review scheduled for 8/83 completion (IE).	No (IE) 8/83
138	EOF Staffing Requirements	Implement EOF Support Director staffing requirements of PID 2010a and 1381 for restart.	NRC letter 7/25/83	Staff review complete. Commission reviewing ASLAB decision (CLI-83-7).	Yes
139	County and PEMA EP Brochure Review	The staff shall review any changes made in the final risk county brochures and the PEMA Pamphlet on emergency preparedness, and advise the Commission prior to restart of the impact of the revisions on the intended purpose of these documents.	NRC letter 7/25/83	Complete	Yes (FEMA)

A (Table 1)-24

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
140	EP Brochure	Updated PEMA and 5 risk county brochures distributed (Public Information on Emergency Preparedness).	NRC letter 7/25/83	Complete	Yes (FEMA)
141	EP Brochures to Transient Locations	Updated county brochures distributed to transient (hotels, motels, parks, employers) locations.	NRC letter 7/25/83	Complete	Yes (FEMA)
142	Major Employer Briefings	At least be underway for licensee briefings to major employers and operators of transient locations.	NRC letter 7/25/83	Complete	Yes (FEMA)
143	Siren System Test	Siren System audibility test. Staff certify results and need for supplemental alerting.	MRC letter 7/25/83	Complete	Yes (FEMA)
144	Communications	Conduct communications drill to stress system.	NRC letter 7/25/83	Complete	Yes (FEMA)
145	School District Plans	Staff certify when plans for EP-Z school districts are completed and reviewed for adequacy.	NRC letter 7/25/83	Complete	Yes (FEMA)
		<u>ASLB Reopened Proceeding on Cheating PID of 7/14/82</u>			
146	Operator Certification	Verify and document implementation of a procedure for certification of operators by signed statements from Training Personnel that operator candidates (to obtain or renew a license) have completed training requirements.	NRC letter 7/29/83	Complete	Yes

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
147	Qualifications of Instructors	Licensee establish criteria for qualifications of instructors.	NRC letter 7/28/83	Complete	Yes
148	Supervision of Start-up and Test Director	Any participation by Start-up and Test Director in start-up and test at TMI-1 is to be directly supervised by a qualified GPU official.	IR-82-19	Complete	Yes
<u>ASLAB Imposed Emergency Planning Requirements</u>					
149	Agricultural Brochure	Commonwealth agriculture brochure shall be distributed to all farmers in 10 mile plume exposure EPZ.		Review scheduled for 8/83 completion (IE).	No (FEMA)
<u>ASLB Management PID of 8/27/81 (Additional Items)</u>					
150	Feedback of Operating Experience	NUREG-0737, I.C.5 "Procedure for Feedback of Operating Experience to Plant Staff" must be enforced at TMI-1 if restart is permitted.		Estimated review completion 8/83.	TBD (NRR/Reg. I)
151	Start-up Test Program	Staff certify to Commission whether licensee has Startup Test Program which will provide additional operator training to satisfy the issue of whether to treat TMI-1 differently from other operating reactors because of the prolonged shutdown.		Estimated review completion 8/83. (NRR)	No (NRR/Reg. I) 8/83

TABLE 1 CONTINUED

Number	Item	Definition	Completion Documentation	Review Status/Remarks	NRC Inspection Complete
<u>ASLB Emergency Planning PID of 12/14/81 ADDITIONAL ITEMS</u>					
152	Dauphin County Plan	Staff certify to Commission that Dauphin County plan has been revised so that there is no suggestion in the plan that school students will be returned to their homes by bus in the early stages of an accident.	NRC letter 7/25/83	Complete	Yes (FEMA)
<u>ALAB-729 Items</u>					
153	Main Steam Rupture Detection System Long-Term Solution	Licensee submit proposed long-term solution to Commission prior to restart. (See also item 122).	NRC letter 11/10/82 IR-83-01	Licensee submittal complete. NRR acknowledgment ltr. estimated 8/83. Commission review TBD.	N/A Note 2
154	Subcooling Margin Instrumentation Error	Ensure subcooling margin instrument error does not exceed 20 F.	IR-83-14	Licensee submittal estimated 8/83. Review completion estimated 9/83 (NRR).	No (Reg. I) 9/83.

NOTES:

1. Power escalation test (PET) would commence immediately upon completion of hot functional testing (HFT) and extend for approximately 12 weeks.
2. N/A indicates completion of item involved only staff review of design or statistical information, licensee commitment, etc. Physical inspection of facility is not necessary.
3. Hot functional test (HFT), including steam generator testing and systems verification, will extend for approximately six-seven weeks. Plant readiness for HFT is estimated week of 8/8/83.



Table 2 Three Mile Island Restart "Long-Term (LT) Actions"

Item No.	Title (Commission Order Item*)	Licensee Action	NRC Action /Branch
1	II.K.2.9 (LT-1) Integrated Control System Failure Mode Effects Analysis	Complete	NUREG-0680, Supp. 3 Safety Evaluation Report (SER) 08/02/82
2	I.C.1 (LT-2) Procedures for Transients and Accidents (abnormal transient operating guidelines)	See GPU letter 04/14/83	NUREG-0737, Supp. 1
3	II.K.3.30, 31 (LT-3) Small-Break Loss-of-Coolant Accident Methods and Plant Unique Analysis	Complete	Reactor Systems Branch
4	II.D.1 (LT-3) Relief and Safety Valve Testing	Additional submittal pending (est. 09/83)	Mechanical Engineering Branch
5	II.F.2 (LT-3) Instrumentation for Inadequate Core Cooling	Complete	Core Performance Branch
6	II.E.4.1 (LT-3) Dedicated Hydrogen Penetrations	Complete	NUREG-0680, Supp. 3
7	II.B.2 (LT-3) Plant Shielding	Modifications due at next refueling	SER 03/28/83
8	II.E.1.2 (LT-3) Automatic Initiation of Auxiliary Feedwater (AFW)	Short-term modifications complete; long-term modifications at next refueling	Auxiliary Systems Branch
9	II.E.1.2 (LT-3) AFW Flow Indication	Complete	NUREG-0680, Supp. 3
10	II.B.3 (LT-3) Postaccident Sampling	Installation complete; submittal of additional information pending (est. 09/83)	Chemical Engineering Branch

\*Commission Order and Notice of Hearing dated August 9, 1979 (see NUREG-0680, Appendix C).

Table 2 (Continued)

Item No.	Title (Order Item*)	Licensee Action	NRC Action /Branch
11	II.F.1.3 (LT-3) High Range Radiation Monitors	Complete	NUREG-0680, Supp. 3
12	II.F.1.4 (LT-3) Containment Pressure Monitor	Installation complete; submittal of additional information pending (est. 09/83)	Containment Systems Branch
13	II.F.1.5 (LT-3) Containment Water Level Monitor	Installation complete; submittal of additional information pending (est. 09/83)	Containment Systems Branch
14	II.F.1.6 (LT-3) Containment Hydrogen Monitor	Installation complete; submittal of additional information pending (est. 09/83)	Containment Systems Branch
15	II.B.1 (LT-3) Reactor Coolant System Vents	Submittal complete; loop and pressurizer vents installed; reactor vessel hood vent at next refueling	Reactor Systems Branch
16	I.A.1.1 (LT-3) Shift Technical Advisor	Complete	NUREG-0680, Supp. 3
17	III.A.1.2 (LT-3) Onsite Technical Support Center (TSC)	Submittal complete; TSC operational 6 months after restart	Operating Reactors Branch #5
18	Modify Emergency Plans To Address Changing Capabilities of Plant Instrumentation (LT-4a)	See GPU letter 04/15/83	RG 1.97/ Operating Reactors Branch #5 NUREG-0737, Supp. 1
19	Extend the Capability To Take Appropriate Emergency Actions for Population Around the Site to a Distance of 10 Miles (LT-4b)	Complete	NUREG-0746

\*Commission Order and Notice of Hearing dated August 9, 1979 (see NUREG-0680, Appendix C).

APPENDIX B

LAWSUIT RECORD BY CATEGORY



CATEGORY 1  
TRIAL TESTIMONY

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290419 Transcript of 821101 trial between util & B&W in  
New York, NY. Pp 1-189.

\* :U.S. District Court, Southern District of New York  
: DATE ISS:82/11/01, 189pp. ,48x:19022-001,ODI: ,TN:GB01

IRRELEVANT

8307260457 Testimony of M Derivan on 821103 in New York, NY. Pp 397-537.

DERIVAN, M. :Toledo Edison Co.  
: DATE ISS:82/11/03, 140pp. ,48x:19023-036,ODI: ,TN:GB01

NOT REVIEWED

8306290407 Testimony of MJ Derivan on 821104 in New York, NY. Pp 538-687.

DERIVAN, M.J. :Toledo Edison Co.  
: DATE ISS:82/11/04, 150pp. ,48x:19023-176,ODI: ,TN:GB01

NOT REVIEWED

8307260610 Testimony of ER Frederick on 821202 in New York, NY. Pp 3,181-  
3,215.

FREDERICK, F.R. :General Public Utilities - GPU Service Corp.  
: DATE ISS:82/12/02, 35pp. ,48x:19030-169,ODI: ,TN:GB01

1.2

8306290499 Testimony of ER Frederick on 821206 in New York, NY. Pp 3,216-  
3,377.

FREDERICK, F.R. :General Public Utilities - GPU Service Corp.  
: DATE ISS:82/12/06, 161pp. ,48x:19030-204,ODI: ,TN:GB01

1.1, 1.2, 1.4, 1.5, 1.7,  
1.11

8306290502 Testimony of ER Frederick on 821207 in New York, NY. Pp 3,378-  
3,559.

FREDERICK, F.R. :General Public Utilities - GPU Service Corp.  
: DATE ISS:82/12/07, 181pp. ,48x:19031-004,ODI: ,TN:GB01

1.1, 1.2, 1.3, 1.4, 1.5,  
1.6, 1.8

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290541 Testimony of ER Frederick on 821208 in New York, NY. Pp 3,560-3,733.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/08, 174pp. , 48X:19031-186, ODI: , TN:GB01

1.2, 1.4, 1.6, 1.8, 1.12, 1.16

8306290543 Testimony of ER Frederick on 821209 in New York, NY. Pp 3,734-3,906.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/09, 172pp. , 48X:19031-361, ODI: , TN:GB01

1.2, 1.3, 1.4, 1.5, 1.6

8306290560 Testimony of ER Frederick on 821213 in New York, NY. Pp 3,990-4085.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/13, 97pp. , 48X:19032-257, ODI: , TN:GB01

1.2, 1.3, 1.4, 1.5, 1.6, 1.8, 1.11

8306290437 Testimony of DF Hallman on 821112 in New York, NY. Pp 1,267-1,337.

HALLMAN, D.F. : Babcock & Wilcox Co.

DATE ISS: 82/11/12, 71pp. , 48X:19025-183, ODI: , TN:GB01

NOT REVIEWED

8306290440 Testimony of DF Hallman on 821115 in New York, NY. Pp 1,338-1395.

HALLMAN, D.F. : Babcock & Wilcox Co.

DATE ISS: 82/11/15, 68pp. , 48X:19025-254, ODI: , TN:GB01

NOT REVIEWED

8307260388 Testimony of J Herbein on 830118 in New York, NY. Pp 7,095-7,123.

HERBEIN, J. : General Public Utilities - GPU Service Corp.

DATE ISS: 83/01/18, 29pp. , 48X:19041-118, ODI: , TN:GB01

1.7, 1.15

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290666 Testimony of JG Herbein on 830119 in New York, NY. Pd 7,124-7,156.

HERBEIN, J.G. :General Public Utilities - GPU Service Corp.

DATE ISS:83/01/19, 62pp. ,48X:19041-147, ODI: ,TN:GB01

1.7, 1.14

8307260429 Testimony of E Kane on 821214 in New York, NY. Pd 4,370-4,388.

KANE, E. :Babcock & Wilcox Co.

DATE ISS:82/12/14, 19pp. ,48X:19033-276, ODI: ,TN:GB01

NOT REVIEWED

8306290591 Testimony of RT Lahey on 821222 in New York, NY. Pd 5,280-5,370.

LAHEY, R.T. :Rensselaer Polytechnic Inst.

DATE ISS:82/12/22, 91pp. ,48X:19036-105, ODI: ,TN:GB01

NOT REVIEWED

8307260187 Testimony of J. Lind on 821216 in New York, NY. Pd 4,662-4,746.

LIND, J. :Babcock & Wilcox Co.

DATE ISS:82/12/16, 85pp. ,48X:19034-207, ODI: ,TN:GB01

NOT REVIEWED

8307260612 Testimony of J Lind on 821221 in New York, NY. Pd 5,204-5,279.

LIND, J. :Babcock & Wilcox Co.

DATE ISS:82/12/21, 76pp. ,48X:19036-029, ODI: ,TN:GB01

NOT REVIEWED

8306290630 Testimony of RJ Marzee on 830105 in New York, NY. Pd 5,950-6,081.

MARZEC, R.J. :Duke Power Co.

DATE ISS:83/01/05, 132pp. ,48X:19038-053, ODI: ,TN:GB01

NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290634 Testimony of RJ Marzec on 830106 in New York, NY. Pp 6,082-6,232.

MARZEC, R.J. :Duke Power Co.

DATE ISS:83/01/06, 151pp. ,4RX:19038-186,ODI: ,TN:GB01

NOT REVIEWED

8306290638 Testimony of RJ Marzec on 830107 in New York, NY. Pp 6,233-6,359.

MARZEC, R.J. :Duke Power Co.

DATE ISS:83/01/07, 127pp. ,4RX:19038-337,ODI: ,TN:GB01

NOT REVIEWED

8306290642 Testimony of RJ Marzec on 830110 in New York, NY. Pp 6,379-6,481.

MARZEC, R.J. :Duke Power Co.

DATE ISS:83/01/10, 103pp. ,4RX:19039-121,ODI: ,TN:GB01

NOT REVIEWED

8307260345 Testimony of B Mehler on 830118 in New York, NY. Pp 6,954-6,994.

MEHLER, B. :General Public Utilities - GPU Service Corp.

DATE ISS:83/01/18, 41pp. ,4RX:19040-339,ODI: ,TN:GB01

NOT REVIEWED

8307260077 Testimony of Seelinger on 830104 in New York, NY. Pp 5,912-5949.

SEELINGER, J. :United Technologies Corp.

DATE ISS:83/01/04, 14pp. ,4RX:19038-025,ODI: ,TN:GB01

NOT REVIEWED

8307260216 Testimony of Seelinger on 830107 in New York, NY. Pp 6,359-6,378.

SEELINGER, J. :United Technologies Corp.

DATE ISS:83/01/07, 20pp. ,4RX:19039-101,ODI: ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307260447 Testimony of Sieglitz on 830103 in New York, NY. Pd 5,701-5,753.

SIEGLITZ, R. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 83/01/03, 53pp. , 48X: 19037-166, ODI: , TN: GB01

NOT REVIEWED

8306290637 Testimony of R Sieglitz on 830104 in New York, NY. Pd 5,754-5911.

SIEGLITZ, R. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 83/01/04, 147pp. , 48X: 19037-219, ODI: , TN: GB01

IRRELEVANT

8307260585 Testimony of E Swanson on 821215 in New York, NY. Pd 4,415-4,486.

SWANSON, E. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/12/15, 70pp. , 48X: 19033-322, ODI: , TN: GB01

NOT REVIEWED

8307260240 Testimony of WH Zewe on 821117 in New York, NY. Pd 1,792-1,875.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/11/17, 84pp. , 48X: 19026-347, ODI: , TN: GB01

NOT REVIEWED

8306290441 Testimony of WH Zewe on 821118 in New York, NY. Pd 1,876-2,039.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/11/18, 163pp. , 48X: 19027-069, ODI: , TN: GB01

NOT REVIEWED

8306290450 Testimony of WH Zewe on 821119 in New York, NY. Pd 2,040-2,137. Pd 2,040-2,061 withheld.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/11/19, 75pp. , 48X: 19027-233, ODI: , TN: GB01

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U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290452 Testimony of WH Zewe on 821122 in New York, NY. Pp 2,138-  
2,311.

ZEW, W.H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/22, 173pp. , 4RX: 19027-311, ODI: , TN: GB01

NOT REVIEWED

8306290462 Testimony of WH Zewe on 821124 in New York, NY. Pp 2,575-  
2,680.

ZEW, W.H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/24, 105pp. , 4RX: 19028-285, ODI: , TN: GB01

NOT REVIEWED

8306290466 Testimony of WH Zewe on 821129 in New York, NY. Pp 2,681-  
2,830.

ZEW, W.H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/29, 149pp. , 4RX: 19029-030, ODI: , TN: GB01

NOT REVIEWED

8306290463 Testimony of WH Zewe on 821201 in New York, NY.  
Pp 2,924-3,040.

ZEW, W.H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/01, 116pp. , 4RX: 19029-273, ODI: , TN: GB01

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8306290472 Testimony of WH Zewe on 821202 in New York, NY. Pp 3,041-  
3,180.

ZEW, W.H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/02, 140pp. , 4RX: 19030-029, ODI: , TN: GB01

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CATEGORY 1  
DEPOSITIONS

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110145 Deposition of RC Arnold on B20629 in New York, NY. Pp 1-287.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/06/29, 289pp. , 48X: 19489-024, ODI: , TN: GBO1 1.2

8307120726 Continued deposition of RC Arnold on B20701 in New York, NY.  
Pp 288-471.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/07/01, 184pp. , 48X: 19465-070, ODI: , TN: GBO1 1.2, 1.7

8306290872 Deposition of TG Broughton on B20209 in New York, NY.  
Pp 553-714.

BROUGHTON, T. G. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/02/09, 163pp. , 48X: 19059-293, ODI: , TN: GBO1 NOT REVIEWED

8306290838 Deposition of ND Brown on B10608 in New York, N. Y. Pp 1-139.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/06/08, 140pp. , 48X: 19062-234, ODI: , TN: GBO1 1.7, 1.14

8306290844 Deposition of ND Brown on B10609 in New York, N. Y. Pp 140-255.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/06/09, 118pp. , 48X: 19063-011, ODI: , TN: GBO1 1.2, 1.11

8306290831 Deposition of ND Brown on B10610 in New York, N. Y. Pp 258-386.

BROWN, N. D. : General Public Utilities - GPU Service Corp.  
DATE ISS: 81/06/10, 129pp. , 48X: 19061-347, ODI: , TN: GBO1 1.2, 1.7, 1.14, 1.15

U. S. NUCLEAR REGULATORY COMMISSION  
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8306290832 Deposition of ND Brown on 810611 in New York, N. Y. Pp 387-507.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/06/11, 121pp. , 48X: 19062-113, ODI: , TN: 6B01 IRRELEVANT

8306290822 Deposition of MD Brown on 810612 in New York, N. Y. Pp 508-600.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/06/12, 108pp. , 48X: 19061-143, ODI: , TN: 6B01 1.2, 1.4

8306290826 Deposition of ND Brown on 810721 in New York, N. Y. Pp 601-710.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/07/21, 111pp. , 48X: 19061-237, ODI: , TN: 6B01 1.2

8306290934 Deposition of AJ Dominguez on 820817 in New York. Pp 1-120.

DOMINGUEZ, A. J. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/08/17, 122pp. , 48X: 19065-133, ODI: , TN: 6B01 1.2

8306290938 Deposition of BM Dunn on 810311 in New York, NY. Pp 1-133.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/03/11, 133pp. , 48X: 19065-256, ODI: , TN: 6B01 IRRELEVANT

8306290943 Deposition of BM Dunn on 810312 in New York, NY. Pp 134-261.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/03/12, 130pp. , 48X: 19066-028, ODI: , TN: 6B01 1.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290949 Deposition of BM Dunn on 810313 in New York, NY. Pp 262-389.

DUNN, B. M. : Babcock & Wilcox Co.

DATE ISS: 81/03/13, 129pp. , 48X: 19066-159, ODI: , TN: 0B01

NOT REVIEWED

8306290929 Deposition of BM Dunn on 810319 in New York, NY. Pp 390-499.

DUNN, B. M. : Babcock & Wilcox Co.

DATE ISS: 81/03/19, 114pp. , 48X: 19066-289, ODI: , TN: 0B01

NOT REVIEWED

8306290681 Deposition of NS Elliott on 810205 in New York, NY. Pp 1-146.

ELLIOTT, N. S. : Babcock & Wilcox Co.

DATE ISS: 81/02/05, 146pp. , 48X: 19070-001, ODI: , TN: 0B01

1.2, 1.6, 1.8, 1.9

8306290685 Deposition of NS Elliott on 810206 in New York, NY. Pp 147-314.

ELLIOTT, N. S. : Babcock & Wilcox Co.

DATE ISS: 81/02/06, 167pp. , 48X: 19070-147, ODI: , TN: 0B01

1.2, 1.6, 1.9

8306290689 Deposition of NS Elliott on 810211 in New York, NY. Pp 315-471.

ELLIOTT, N. S. : Babcock & Wilcox Co.

DATE ISS: 81/02/11, 156pp. , 48X: 19070-315, ODI: , TN: 0B01

1.2, 1.6

8306290692 Deposition of NS Elliott on 810212 in New York, NY. Pp 472 - 607.

ELLIOTT, N. S. : Babcock & Wilcox Co.

DATE ISS: 81/02/12, 135pp. , 48X: 19071-111, ODI: , TN: 0B01

1.2, 1.4, 1.6, 1.8, 1.11



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290696 Deposition of NS Elliott on B10213 in New York, NY. Pp 608 -  
773.

ELLIOTT, N. S. : Babcock & Wilcox Co.

DATE ISS: 81/02/13, 166pp. , 48X: 19071-248, ODI: , TN: 0B01 1.1, 1.3, 1.4

8306290704 Deposition of F Faist on B20323 in New York, NY. Pp 1-137.  
Supporting documentation encl.

FAIST, F. : Babcock & Wilcox Co.

DATE ISS: 82/03/23, 148pp. , 48X: 19072-052, ODI: , TN: 0B01 IRRELEVANT.

8306290709 Deposition of CC Faust on B10818 in New York, NY. Pp 1-127.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/08/18, 127pp. , 48X: 19072-203, ODI: , TN: 0B01 1.2, 1.14

8306290713 Deposition of CC Faust on B10819 in New York, NY. Pp 129-412.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/08/19, 283pp. , 48X: 19072-331, ODI: , TN: 0B01 1.2

8307060447 Deposition of CC Faust on B10820 in New York, NY. Pp 276-412.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/08/20, 136pp. , 48X: 19301-291, ODI: , TN: 0B01 1.9

8306290701 Deposition of CC Faust on B10821 in New York, Ny. Pp 413-566.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/08/21, 153pp. , 48X: 19073-275, ODI: , TN: 0B01 1.2, 1.4

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290703 Deposition of CC Faust on 810924 in New York, NY. Pp 569-712.

FAUST, C. C. : Metropolitan Edison Co.  
DATE ISS: 81/09/24, 143pp. , 48X: 19074-068, ODI: , TN: 6B01 1.2, 1.4, 1.6, 1.8

8306290705 Deposition of CC Faust on 810925 in 810925. Pp 713-898.

FAUST, C. C. : Metropolitan Edison Co.  
DATE ISS: 81/09/25, 185pp. , 48X: 19074-212, ODI: , TN: 6B01 1.2, 1.4, 1.6, 1.8

8306290723 Deposition of JR Floyd on 820218 in New York, NY. Pp 1-159.

FLOYD, J. R. : Metropolitan Edison Co.  
DATE ISS: 82/02/18, 159pp. , 48X: 19076-082, ODI: , TN: 6B01 NOT REVIEWED

8306290727 Deposition of JR Floyd on 820219 in New York, NY. Pp 160-293.  
Supporting documentation encl.

FLOYD, J. R. : Metropolitan Edison Co.  
DATE ISS: 82/02/19, 134pp. , 48X: 19076-241, ODI: , TN: 6B01 1.7

8306290733 Deposition of JR Floyd on 820428 in New York, NY. Pp 294-422.

FLOYD, J. R. : Metropolitan Edison Co.  
DATE ISS: 82/04/28, 128pp. , 48X: 19077-014, ODI: , TN: 6B01 NOT REVIEWED

8306290736 Deposition of JR Floyd on 820429 in New York, NY. Pp 433-538.

FLOYD, J. R. : Metropolitan Edison Co.  
DATE ISS: 82/04/29, 105pp. , 48X: 19077-144, ODI: , TN: 6B01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290738 Deposition of JR Floyd on 820430 in New York, NY. Pp 529-626.

FLOYD, J. R. : Metropolitan Edison Co.

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8306290714 Deposition of ER Frederick on 820504 in New York, NY. Pp 1-128.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/04, 128pp., 48X: 19077-348, ODI: , TN: 6B01

1.2, 1.6, 1.8

8306290717 Deposition of ER Frederick on 820505 in New York, NY. Pp 129-281.

FREDERICK, E. R. : Metropolitan Edison Co.

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1.2, 1.4, 1.5, 1.6

8306290719 Deposition of ER Frederick on 820506 in New York, NY. Pp 282-420.

FREDERICK, E. R. : Metropolitan Edison Co.

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1.2, 1.4

8306290720 Deposition of ER Frederick on 820507 in New York, NY. Pp 421-563.

FREDERICK, E. R. : Metropolitan Edison Co.

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1.2, 1.4, 1.6

8306290769 Deposition of ER Frederick on 820510 in New York, NY. Pp 564-684.

FREDERICK, E. R. : Metropolitan Edison Co.

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1.2, 1.4, 1.5, 1.6

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8306290780 Deposition of ER Frederick on B20512 in New York, NY.  
Pp 775-883.

FREDERICK, E. R. : Metropolitan Edison Co.

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8306290786 Deposition of ER Frederick on B20513 in New York, NY.  
Pp 884-982.

FREDERICK, E. R. : Metropolitan Edison Co.

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8306290816 Deposition of C Goslow on B20107 in New York, NY. Pp 1-153.

GOSLOW, C. : Babcock & Wilcox Co.

DATE ISS: 82/01/07, 153pp. , 48X: 19082-185, ODI: , TN: GBO1 NOT REVIEWED

8306290823 Deposition of C Goslow on B20108 in New York, NY. Pp 154-306.

GOSLOW, C. : Babcock & Wilcox Co.

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8306290828 Deposition of CE Goslow on B20112 in New York, NY. Pp 307-430.

GOSLOW, C. E. : Babcock & Wilcox Co.

DATE ISS: 82/01/12, 124pp. , 48X: 19083-131, ODI: , TN: GBO1 NOT REVIEWED

8306290833 Deposition of CE Goslow on B20617 in New York, NY. Pp 431-565.

GOSLOW, C. E. : Babcock & Wilcox Co.

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8306290712 Deposition of DF Hallman on 820118 in New York, NY. Pp 1-82.

HALLMAN, D. F. : Babcock & Wilcox Co

DATE ISS: 82/01/18, 82pp. , 48X: 19084-344, ODI: , TN: GBO1

IRRELEVANT

8306290716 Deposition of DF Hallman on 820119 in New York, NY. Pp 83-209.

HALLMAN, D. F. : Babcock & Wilcox Co.

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1.2

8306290764 Deposition of DF Hallman on 820120 in New York, NY. Pp 210-353.

HALLMAN, D. F. : Babcock & Wilcox Co.

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1.2, 1.4

8306290758 Deposition of DF Hallman on 820121 in New York, NY. Pp 354-458.

HALLMAN, D. F. : Babcock & Wilcox Co.

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1.11

8306290752 Deposition of DF Hallman on 820122 in New York, NY. Pp 459-547.

HALLMAN, D. F. : Babcock & Wilcox Co.

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1.2, 1.11

8306290745 Deposition of DF Hallman on 820615 in New York, NY. Pp 549-687.

HALLMAN, D. F. : Babcock & Wilcox Co.

DATE ISS: 82/06/15, 139pp. , 48X: 19086-168, ODI: , TN: GBO1

1.11

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8306290741 Deposition of DF Hallman on 820616 in New York, NY. Pp 688-838.

HALLMAN, D. F. : Babcock & Wilcox Co.

DATE ISS: 82/06/16, 151pp. , 48X: 19086-307, ODI: , TN: 0B01 1.2, 1.4, 1.6, 1.11

8306290867 Deposition of HW Hartman on 820716 in Elizabethtown, PA. Pp 1-206.

HARTMAN, H. W. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/07/16, 206pp. , 48X: 19088-299, ODI: , TN: 0B01 IRRELEVANT

8306290881 Deposition of JG Herbein on 820630 in New York, N. Y. Pp 1-184.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290887 Deposition of JG Herbein on 820701 in New York, N. Y. Pp 185-294.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290892 Deposition of JG Herbein on 820702 in New York, N. Y. Pp 295-395.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290729 Deposition of TF Illjes on 820810 in New York, NY. Pp 1-156.

ILLJES, T. F. : General Public Utilities - GPU Service Corp.

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8306290700 Deposition of ER Kane on B1121B in New York, NY. Pp 376-430.

KANE, E. R. : Babcock & Wilcox Co.  
DATE ISS: 81/12/18, 66pp. , 48X: 19093-257, ODI: , TN: G801 1.2, 1.6, 1.14

8306290987 Deposition of BA Karrasch on B10619 in New York, NY.  
Pp 325-398.

KARRASCH, B. A. : Babcock & Wilcox Co.  
DATE ISS: 81/06/19, 74pp. , 48X: 19094-276, ODI: , TN: G801 NOT REVIEWED

8306290974 Deposition of RW Keaten on B20105 in New York, NY. Pp 92-201.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/01/05, 116pp. , 48X: 19095-277, ODI: , TN: G801 1.5

8306290994 Deposition of RW Keaten on B20107 in New York, NY.  
Pp 345-485.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
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8306290900 Deposition of R Keaten on B20108 in New York, NY. Pp 488-626.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
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8306290907 Deposition of R Keaten on B20119 in New York, NY. Pp 628-764.  
Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
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8306290913 Deposition of R Keaten on 820120 in New York, NY. Pp 765-904.  
Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
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8306290918 Deposition of R Keaten on 820121 in New York, NY. Pp 905-  
1,056. Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
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8306290908 Deposition of JJ Kelly on 810504 in New York, N. Y. Pp 1-169.

KELLY, J. J. : Babcock & Wilcox Co.  
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8306290915 Deposition of JJ Kelly on 810505 in New York, N. Y. Pp 170-314.

KELLY, J. J. : Babcock & Wilcox Co.  
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8306290920 Deposition of JJ Kelly on 810506 in New York, N. Y. Pp 315-452.

KELLY, J. J. : Babcock & Wilcox Co.  
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8306290925 Deposition of JJ Kelly on 810507 in New York, N. Y. Pp 453-555.

KELLY, J. J. : Babcock & Wilcox Co.  
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8306290744 Deposition of RE Kosiba on 810519 in New York, NY. Pp 682-757.

KOSIBA, R. E. : Babcock & Wilcox Co.

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8306290782 Deposition of DW LaBelle on 810603 in New York, NY.  
Pp. 129-251A.

LABELLE, D. W. : Babcock & Wilcox Co.

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1.2

8306290836 Deposition of LC Lanese on 820324 in New York, NY. Pp 1-128.

LANESE, L. C. : General Public Utilities - GPU Service Corp.

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8306290792 Deposition of JA Lind on 820622 in Rockville, MD. Pp 1-185.

LIND, J. A. : NUS Corp.

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1.2, 1.4, 1.5, 1.6, 1.8,  
1.9, 1.11

8306290796 Deposition of JA Lind on 820623 in Rockville, MD. Pp 186-412.

LIND, J. A. : NUS Corp.

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1.2, 1.4, 1.5, 1.6, 1.8,  
1.11

8306290787 Deposition of RL Long on 820520 in New York, NY. Pp 313-417.

LONG, R. L. : General Public Utilities - GPU Service Corp.

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8306290793 Deposition of RL Long on 820521 in New York, NY. Pp 417A-478.

LONG, R. L. : General Public Utilities - GPU Service Corp.

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8306290800 Deposition of JH MacMillan on 820610 in New York, NY.  
Pp 134-324.

MACMILLAN, J. R. : Babcock & Wilcox Co.

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1.2, 1.11

8306290825 Deposition of BA Mehler on 810728 in New York, NY. Pp 1-172.

MEHLER, B. A. : Metropolitan Edison Co.

DATE ISS: 81/07/28, 172pp. , 48X: 19131-031, ODI: , TN: GBO1

1.2

8306290806 Deposition of BA Mehler on 810730 in New York, NY. Pp 364-679.

MEHLER, B. A. : Metropolitan Edison Co.

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8306290848 Deposition of C Michelson on 820319 in Washington, DC. Pp 152-308.

MICHELSON, C. : Director's Office

DATE ISS: 82/03/19, 156pp. , 48X: 19133-232, ODI: , TN: GBO1

1.2, 1.6

8306290837 Deposition of GP Miller on 820602 in New York, NY. Pp 1-128.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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1.2

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8306290847 Deposition of GP Miller on 820607 in New York, NY. Pp 396-473.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290897 Deposition of GP Miller on 820608 in New York, NY. Pp 474-600.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290914 Deposition of GP Miller on 820610 in New York, NY. Pp 727-873.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/06/10, 147pp. , 48X: 19136-164, ODI: , TN: GB01 1.1

8306290880 Deposition of TD Murray on 820128 in Toledo, OH. Pp 1-165.

MURRAY, T. D. : Toledo Edison Co.

DATE ISS: 82/01/28, 167pp. , 48X: 19137-143, ODI: , TN: GB01 NOT REVIEWED

8306290856 Deposition of JD Phinney on 820113 in New York, NY. Pp 1-134.

PHINNEY, J. D. : Babcock & Wilcox Co.

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8306290909 Deposition of WE Potts on 820107 in New York, NY. Pp 1-176.

POTTS, W. E. : General Public Utilities - GPU Service Corp.

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8306290912 Deposition of MJ Ross on 811117 in Harrisburg, PA. Pp 1-201.

ROSS, M. J. : Metropolitan Edison Co.

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8306290902 Deposition of F Scheimann on 820223 in New York, NY. Pp 1-156.

SCHEIMANN, F. : General Public Utilities - GPU Service Corp.

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1.5

8306290942 Deposition of FJ Scheimann on 820225 in New York, NY. Pp 157-287.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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1.2

8306290957 Deposition of FJ Scheimann on 820226 in New York, NY. Pp 288-399.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290965 Deposition of FJ Scheimann on 820401 in New York, NY. Pp 400-519.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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1.2, 1.5

8306290870 Deposition of FJ Scheimann on 820427 in New York, NY. Pp 557-723.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290878 Deposition of FJ Scheimann on 820428 in New York, NY. Pp 724-881.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290884 Deposition of FJ Scheimann on 820608 in New York, NY. Pp 888-999.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290890 Deposition of FJ Scheimann on 820609 in New York, NY. Pp 1000-1068.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306300009 Deposition of JL Seelinger on 811019 in Palm Beach, FL. Pp 1-101.

SEELINGER, J. L. : United Technologies Corp.

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8306290948 Deposition of JL Seelinger on 811020 in Palm Beach, FL. Pp 102-248.

SEELINGER, J. L. : United Technologies Corp.

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1.2, 1.11

8306290941 Deposition of JL Seelinger on 811021 in Palm Beach, FL. Pp 249-413.

SEELINGER, J. L. : United Technologies Corp.

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8306290937 Deposition of JL Seelinger on 811022 in Palm Beach, FL. Pp  
414-539.

SEELINGER, J. L. :United Technologies Corp.

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8306290932 Deposition of JL Seelinger on 811023 in Palm Beach, FL. Pp  
540-609.

SEELINGER, J. L. :United Technologies Corp.

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8306290820 Deposition of RJ Toole on 810622 in New York, NY.  
Pp 1-279.

TOOLE, R. J. :General Public Utilities - GPU Service Corp.

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1.2, 1.4

8306290824 Deposition of RJ Toole on 810623 in New York, NY. Pp 280-506.

TOOLE, R. J. :General Public Utilities - GPU Service Corp.

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1.1, 1.2

8306290754 Deposition of RL Williams on 820812 in New York, NY.  
Pp 1-98.

WILLIAMS, R. L. :Ebasco Services, Inc. (subs. of Enserch Corp.)

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8306290775 Deposition of RW Zechman on 820310 in New York, NY.  
Pp 1-156.

ZECHMAN, R. W. :General Public Utilities - GPU Service Corp.

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8306290781 Deposition of RW Zechman on 820311 in New York, NY.  
Pp 157-272.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290788 Deposition of RW Zechman on 820312 in New York, NY.  
Pp 273-376.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290794 Deposition of RW Zechman on 820324 in New York, NY.  
Pp 377-523.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290801 Deposition of RW Zechman on 820325 in New York, NY.  
Pp 524-640.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290749 Deposition of RW Zechman on 820326 in New York, NY. Pp  
642-728.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290753 Deposition of RW Zechman on 820429 in New York, NY. Pp  
729-916.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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8306290761 Deposition of WH Zeve on 820520 in New York, NY. Pp 1-121.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/05/20, 121pp. , 48X: 19165-318, ODI: , TN: 0B01 IRRELEVANT

8306290766 Deposition of WH Zeve on 820521 in New York, NY. Pp 122-248.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/05/21, 126pp. , 48X: 19166-078, ODI: , TN: 0B01 1.2, 1.5

8306290770 Deposition of W Zeve on 820524 in New York, NY. Pp 249-350.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/05/24, 101pp. , 48X: 19166-207, ODI: , TN: 0B01 1.7

8306290746 Deposition of WH Zeve on 820525 in New York, NY. Pp 351-479.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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8306290751 Deposition of WH Zeve on 820526 in New York, NY. Pp 480-645.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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8306290756 Deposition of WH Zeve on 820527 in New York, NY. Pp 646-790.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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8306290760 Deposition of WH Zewe on 820528 in New York, NY. Pp 791-853.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

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CATEGORY 1

EXHIBITS

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8307020119 Clarifies role of TMI training dept & svc provided by  
training administrators.

ZECHMAN, R.W. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:78/02/21, 2pp. ,48X:19240-344,ODI:B&W 0055 ,TN:GB01

NOT REVIEWED

8307020122 Defines Unit 2 control room operator training program,  
scheduled to start on 750811.

SEELINGER, J.L. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:75/08/06, 9pp. ,48X:19242-196,ODI:B&W 0057 ,TN:GB01

NOT REVIEWED

8307020124 Discusses elements of Unit 2 control room operator training  
program for individual to receive cold operator license. Memo  
is training dept Administrative Memo 12, Change 1.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/03/12, 3pp. ,48X:19242-233,ODI:B&W 0058 ,TN:GB01

NOT REVIEWED

8307050027 Outlines Unit 2 control room operators training program. Memo  
canceled on 780715.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/08/30, 2pp. ,48X:19242-236,ODI:B&W 0059 ,TN:GB01

IRRELEVANT

8307050041 Forwards outline of Unit 2 cold licensing reactor operator &  
senior reactor operator training program. Briefly describes  
program.

GOODMAN, D.A. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:77/04/04, 8pp. ,48X:19242-238,ODI:B&W 0060 ,TN:GB01

NOT REVIEWED

8307020022 Discusses incorporation of Unit 1 & other operating  
experience into Unit 2 training effort.

SEELINGER, J. :Metropolitan Edison Co.  
TSAGGARIS, L. :Metropolitan Edison Co.  
DATE ISS:77/04/06, 1p. ,48X:19208-296,ODI:B&W 0072 ,TN:GB01

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020025 Advises that min 1 h training program being prepared to cover industry experience, Unit 1 experience & ROs from similar units, per J Seelinger 770406 request.

GOODMAN, D.A. :Metropolitan Edison Co.

TSAGGARIS, A. :Metropolitan Edison Co.

DATE ISS: 77/04/12, 1p., 48X:19208-297, ODI: B&W 0073 , TN: GB01

NOT REVIEWED

8307020027 Discusses dissemination of generic info to licensees by IE bulletins, circulars & info notices.

\* :Metropolitan Edison Co.

DATE ISS: 81/06/11, 3pp., 48X:19208-298, ODI: B&W 0075 , TN: GB01

NOT REVIEWED

8307020034 Discusses results of QC audit of ANSI Std 18.1 requirements, notification of operator exam failure, receipt of info on transients at other B&W plants, industry comparison re NRC exams & NRC grading of exams.

BROWN, N.P. :General Public Utilities - GPU Service Corp.

:General Public Utilities - GPU Service Corp.

DATE ISS: 81/06/11, 3pp., 48X:19208-306, ODI: B&W 0078 , TN: GB01

NOT REVIEWED

8307020037 "R Trip/Engineered Safeguards Incident, 780423."

\* :Babcock & Wilcox Co.

DATE ISS: 81/06/12, 89pp., 48X:19208-337, ODI: B&W 0079 , TN: GB01

NOT REVIEWED

8307050510 Advises that licensee did not receive Insp Rept 50-346/78-06 re transient event prior to 790530 hearing. Documents encl illustrate actual notice of info on certain operating problems encountered at other plants.

ARNOLD, R.C. :General Public Utilities - GPU Service Corp.

KEMENY, J.G. :President's Commission on the Accident at Three Mile Island

DATE ISS: 79/08/30, 5pp., 48X:19324-064, ODI: B&W 0208 , TN: GB01

NOT REVIEWED

8307070193 Forwards final minutes of Meeting 30 of General Ofc Review Board re TMI.

REPPERT, D.H. :General Public Utilities - GPU Service Corp.

BARTMAN, J.S. :General Public Utilities - GPU Service Corp.

DATE ISS: 78/10/24, 11pp., 48X:19325-060, ODI: B&W 0209 , TN: GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070269 "Master Contract for Engineering & Technical Svcs."

ARNOLD :Metropolitan Edison Co.  
: DATE ISS:75/03/27, 13pp. ,48X:19325-170,ODI:B&W 0214 ,TN:GB01 NOT REVIEWED

8307070273 Rev C to "Proposal for Long-term Contract for TMI Nuclear Station Units I & II Operator Training."

\* :Babcock & Wilcox Co.  
: DATE ISS:75/03/07, 16pp. ,48X:19325-184,ODI:B&W 0215 ,TN:GB01 NOT REVIEWED

8307070277 "Master Contract for Engineering & Technical Svcs."

MILLER,C.G. :Metropolitan Edison Co.  
: DATE ISS:73/10/01, 10pp. ,48X:19325-228,ODI:B&W 0216 ,TN:GB01 NOT REVIEWED

8307070310 "Proposal for Supply of Long-Term Contract for TMI Nuclear Station Operator Training."

\* :Babcock & Wilcox Co.  
: DATE ISS:74/10/23, 14pp. ,48X:19325-247,ODI:B&W 0223 ,TN:GB01 NOT REVIEWED

8307070313 Proposes long-term training svc contract for continued support of training program.Proposal A4-61 Rev A encl.

HELLER,F.C. :Babcock & Wilcox Co.  
GUERIN,J.E. :Metropolitan Edison Co.  
DATE ISS:75/02/04, 17pp. ,48X:19325-289,ODI:B&W 0224 ,TN:GB01 NOT REVIEWED

8307070320 Proposes long-term training svc contract for continued support of training program.Proposal A4-61 Rev C encl.

HELLER,F.C. :Babcock & Wilcox Co.  
GUERIN,J.E. :Metropolitan Edison Co.  
DATE ISS:75/03/07, 17pp. ,48X:19325-348,ODI:B&W 0226 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070324 Recommends prompt action in approving B&W simulator training  
Contract Proposal A4-61 Rev B.

HETRICK, D.E. :General Public Utilities - GPU Service Corp.  
ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:75/02/28, 2pp. ,48X:19326-003,ODI:B&W 0227 ,TN:GB01

NOT REVIEWED

8307020075 "Final Rept of TMI-2 Accident Assessment Documentation -  
Training Programs & Procedure Review."

\* :Babcock & Wilcox Co.  
DATE ISS:79/05/16, 25pp. ,48X:19244-348,ODI:B&W 0232 ,TN:GB01

NOT REVIEWED

8307020078 "Use of B&W Simulator Before & After TMI-2 Accident on  
790328."

\* :Babcock & Wilcox Co.  
DATE ISS:81/07/21, 8pp. ,48X:19245-011,ODI:B&W 0233 ,TN:GB01

NOT REVIEWED

8307020081 "Pedagogical Review of Reactor Operator Training at TMI  
Nuclear Plant," post TMI-2 accident analysis.

WITZIG, W.F. :Pennsylvania State Univ.  
DATE ISS:80/07/31, 33pp. ,48X:19245-019,ODI:B&W 0234 ,TN:GB01

NOT REVIEWED

8307020084 Resume of BA Mehler.

\* :Babcock & Wilcox Co.  
DATE ISS:79/07/20, 10pp. ,48X:19245-081,ODI:B&W 0235 ,TN:GB01

NOT REVIEWED

8307120620 Forwards final rept on 780423 reactor trip/ES of 780423  
incident.

SEELINGER, J.L. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:78/05/04, 89pp. ,48X:19501-267,ODI:B&W 0246 ,TN:GB01

1.1, 1.9

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050320 Suggests areas in which evaluation of 790423 incident could  
be more accurate & complete. Concentration suggested in areas  
of malfunctioning safeties, flow testing of Mu-V-16s &  
poorly-designed alarm sys.  
FREDERICK, E. :General Public Utilities - GPU Service Corp.  
:Babcock & Wilcox Co.  
DATE ISS:78/05/03, 5pp. ,48X:19327-243,ODI:B&W 0264 ,TN:GB01 1.2

8307050526 Preliminary inquiry of TMI incident of 790328.  
  
ZEWE, W.H. :General Public Utilities - GPU Service Corp.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/03, 50pp. ,48X:19327-282,ODI:B&W 0271 ,TN:GB01 1.2, 1.4, 1.6

8307060513 "Atomic Physics."  
  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/24, 903pp. ,48X:19272-237,ODI:B&W 0276 ,TN:GB01 1.2, 1.6

8307080024 Documentation discussing feedwater sys.  
  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/24, 344pp. ,48X:19330-019,ODI:B&W 0277 ,TN:GB01 1.1, 1.2

8307080027 "B&W Videotape Training Manual." Cover page only.  
  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/24, 1p. ,48X:19331-001,ODI:B&W 0278 ,TN:GB01 1.1, 1.4

8307120648 "B&W Videotape Training Manual," re integrated control sys.  
  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/24, 130pp. ,48X:19502-077,ODI:B&W 0278 ,TN:GB01 NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120658 "B&W Videotape Training Manual," re detailed description  
of transient.

\* :Babcock & Wilcox Co.

DATE ISS:81/09/24, 4pp. ,48X:19502-207,ODI:B&W 0278A ,TN:GB01

NOT REVIEWED

8307080123 Forwards confidential info re cross-licensing status rept.

SEELINGER,J. :Metropolitan Edison Co.

HERBEIN,J. :Metropolitan Edison Co.

DATE ISS:75/04/14, 15pp. ,48X:19331-227,ODI:B&W 0289 ,TN:GB01

NOT REVIEWED

8307080130 Discusses Unit 2 control room operator training on Unit 1,  
for period 751201-760116.Lists areas to be covered.

\* :Metropolitan Edison Co.

:Metropolitan Edison Co.

DATE ISS:75/11/17, 1p. ,48X:19331-242,ODI:B&W 0290 ,TN:GB01

NOT REVIEWED

8307080136 Discusses yearly simulator training program per request.

ZECHMAN,R. :Metropolitan Edison Co.

SEELINGER,J. :Metropolitan Edison Co.

DATE ISS:78/06/07, 1p. ,48X:19331-243,ODI:B&W 0291 ,TN:GB01

NOT REVIEWED

8307080143 Discusses justification for acquiring funds to purchase  
simulator.

SEELINGER,J.L. :Metropolitan Edison Co.

ZECHMAN,D. :Metropolitan Edison Co.

DATE ISS:78/06/07, 2pp. ,48X:19331-244,ODI:B&W 0292 ,TN:GB01

NOT REVIEWED

8307120670 Forwards list of evolutions & emergencies to be conducted  
& responded to during simulator requalification training.

SEELINGER,J.L. :Metropolitan Edison Co.

ELLIOT,M.S. :Babcock & Wilcox Co.

DATE ISS:75/03/06, 4pp. ,48X:19502-214,ODI:B&W 0293 ,TN:GB01

1.2, 1.11

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080150 Forwards schedule for six 1-wk requalification training programs.

STREET, B.W. :Babcock & Wilcox Co.  
SEELINGER, J. :Metropolitan Edison Co.  
DATE ISS:75/03/11, 2pp. ,48X:19331-246, ODI:B&W 0294 ,TN:GB01 NOT REVIEWED

8307080161 Documentation on simulator.

\* :Babcock & Wilcox Co.  
DATE ISS:75/02/28, 42pp. ,48X:19331-285, ODI:B&W 0296 ,TN:GB01 NOT REVIEWED

8307080165 Discusses specific assignments for JR Floyd & JL Seelinger re STS.

MILLER, G.P. :Metropolitan Edison Co.  
FLOYD, J.R. :Metropolitan Edison Co.  
DATE ISS:77/03/03, 2pp. ,48X:19331-355, ODI:B&W 0297 ,TN:GB01 NOT REVIEWED

8307080196 Forwards memo indicating problem w/lack of attendance at requalification training. Prior to granting vacation for personnel, training schedule should be checked.

LAWYER, L.L. :Metropolitan Edison Co.  
DATE ISS:78/09/19, 2pp. ,48X:19332-021, ODI:B&W 0302 ,TN:GB01 1.7

8307120683 Provides documentation on third 5-wk requalification training program attendance. Figures show slight improvement.

BEETS, M.L. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:78/09/01, 1p. ,48X:19501-362, ODI:B&W 0304 ,TN:GB01 1.2

8307070385 Draft transcript of investigative task force meeting w/ operating crew on duty in control room on morning of 790328.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:82/01/07, 234pp. ,48X:19321-015, ODI:B&W 0346 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070397 First draft "GPU Task Force Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/28, 56pp. ,48X:19321-250,ODI:B&W 0347 ,TN:GB01

1.2, 1.4, 1.5, 1.6

8308230585 Transcript of TMI Investigative Task Force Taped Interview 4  
(Keaten Tapes) on 790824.Pp 1-45.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/08/24, 46pp. ,48X:20125-198,ODI:B&W 0347D ,TN:GB01

NOT REVIEWED

8308230597 Transcript of TMI Investigative Task Force Taped Interview 5  
(Keaten Tapes) on 790919.Pp 1-61.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/19, 62pp. ,48X:20125-244,ODI:B&W 0347E ,TN:GB01

NOT REVIEWED

8308230601 Transcript of TMI Investigative Task Force Taped Interview 6  
(Keaten Tapes) on 790919.Pp 1-60.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/19, 61pp. ,48X:20125-307,ODI:B&W 0347F ,TN:GB01

NOT REVIEWED

8308230606 Transcript of TMI Investigative Task Force Taped Interview 7  
(Keaten Tapes) on 790919.Pp 1-63.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/19, 64pp. ,48X:20126-007,ODI:B&W 0347G ,TN:GB01

NOT REVIEWED

8308230612 Transcript of TMI Investigative Task Force Taped Interview 9  
(Keaten Tapes) on 790919.Pp 1-30.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/19, 31pp. ,48X:20126-138,ODI:B&W 0347I ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8308230617 Transcript of TMI Investigative Task Force Taped Interview  
10 (Keaten Tapes) on 790920.Pp 1-64.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/09/20, 65pp. ,48X:20126-169,ODI:B&W 0347J ,TN:GB01 NOT REVIEWED

8308230619 Transcript of TMI Investigative Task Force Taped Interview  
11 (Keaten Tapes) on 790920.Pp 1-66.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/09/20, 67pp. ,48X:20126-234,ODI:B&W 0347K ,TN:GB01 NOT REVIEWED

8308230623 Transcript of TMI Investigative Task Force Taped Interview  
12 (Keaten Tapes) on 790920.Pp 1-59.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/09/20, 60pp. ,48X:20126-301,ODI:B&W 0347L ,TN:GB01 NOT REVIEWED

8308230626 Transcript of TMI Investigative Task Force Taped Interview  
13 (Keaten Tapes) on 790924.Pp 1-26.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/09/24, 27pp. ,48X:20126-359,ODI:B&W 0347M ,TN:GB01 NOT REVIEWED

8307070438 Second draft "GPU Task Force Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/10/06, 57pp. ,48X:19322-016,ODI:B&W 0349 ,TN:GB01 1.2, 1.3, 1.4, 1.6

8307080673 Forwards "GPU Task Force Interim Summary Rept," third draft  
re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48X:19402-181,ODI:B&W 0350 ,TN:GB01 1.2, 1.3, 1.4, 1.6, 1.8,  
1.10, 1.14

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080681 Forwards "GPU Task Force Interim Summary Rept" re findings & conclusions to date & presenting preliminary recommendations re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/29, 1p. ,48X:19402-339,ODI:B&W 0351 ,TN:GB01 1.2, 1.3, 1.4, 1.6, 1.8, 1.10, 1.14

8307080688 "GPU Accident Review Task Force Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/28, 41pp. ,48X:19403-019,ODI:B&W 0352 ,TN:GB01 1.2, 1.3, 1.4, 1.6, 1.8, 1.10, 1.14

8307080693 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:80/03/24, 41pp. ,48X:19403-068,ODI:B&W 0354 ,TN:GB01 1.2, 1.3, 1.4, 1.5

8307080695 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:80/05/12, 50pp. ,48X:19403-112,ODI:B&W 0355 ,TN:GB01 NOT REVIEWED

8307080698 "GPU Accident Review Task Force Final Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/12/15, 49pp. ,48X:19403-161,ODI:B&W 0356 ,TN:GB01 1.2, 1.4, 1.5, 1.6

8307080699 Forwards marked-up task force rept indicating significant differences from interim rept.W/o encl.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/09/02, 1p. ,48X:19404-017,ODI:B&W 0357 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120734 Transcript of 790412 interview w/G Miller.Pp 1-58.

\* :Metropolitan Edison Co.

DATE ISS:79/04/12, 58pp. ,48X:19502-230,ODI:B&W 0360 ,TN:GB01

1.2

8307080708 Transcript of task force interviews.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/19, 110pp. ,48X:19404-024,ODI:B&W 0361 ,TN:GB01

NOT REVIEWED

8307080709 Transcript of interview w/util crew not directly involved in 790328 accident.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:82/01/21, 288pp. ,48X:19404-134,ODI:B&W 0362 ,TN:GB01

NOT REVIEWED

8307080717 Forwards results,conclusions & recommendations re Task 1, Subtask 4 & Task 2,Subtasks 5 & 7 concerning TMI-2 accident review.

KITTELSON,L.L. :Metropolitan Edison Co.

TSAGGARIS,A. :Metropolitan Edison Co.

DATE ISS:79/09/28, 21pp. ,48X:19405-064,ODI:B&W 0365 ,TN:GB01

NOT REVIEWED

8307080720 "Task 2 Rationale for Operation/Staff Response Subtask 8 - Define why HPI was Modulated."

WALSH,P.S. :General Public Utilities - GPU Service Corp.

DATE ISS:79/08/03, 3pp. ,48X:19405-084,ODI:B&W 0366 ,TN:GB01

NOT REVIEWED

8307080055 Forwards draft TMI-111. "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.

ARNOLD,R.C. :General Public Utilities - GPU Service Corp.

DATE ISS:79/07/18, 1p. ,48X:19333-251,ODI:B&W 0374 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080063 Excerpt from "Lessons Learned From TMI In Reactor  
Instrumentation & Diagnostics."

\* :Babcock & Wilcox Co.

DATE ISS:83/07/06, 1p. ,48X:19334-004,ODI:B&W 0376 ,TN:GB01

NOT REVIEWED

8307080064 Procedure 054 "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.

DATE ISS:79/10/19, 43pp. ,48X:19334-005,ODI:B&W 0377 ,TN:GB01

NOT REVIEWED

8307080074 LER 79-014/01T:on 790502,reactor high pressure scram  
occurred.Caused by lack of procedural direction to operators  
w/reactor scrambled & recirculation pumps tripped.Procedures  
reviewed & changed.W/790516 ltr.

ROSS,D.A. :Jersey Central Power & Light Co.

GRIER,B.H. :Region 1, Office of Director

DATE ISS:79/05/16, 6pp. ,48X:19334-078,ODI:B&W 0379 ,TN:GB01

NOT REVIEWED

8307080125 Forwards rept re 790502 transient which resulted in  
unexpected low water level in reactor vessel.

FINFROCK,I.R. :Jersey Central Power & Light Co.

:Office of Nuclear Reactor Regulation, Director

DATE ISS:79/05/12, 2pp. ,48X:19334-132,ODI:B&W 0386 ,TN:GB01

NOT REVIEWED

8307080241 Second draft of GPU Task Force "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.

DATE ISS:79/10/06, 66pp. ,48X:19335-358,ODI:B&W 0402 ,TN:GB01

NOT REVIEWED

8307080244 Forwards third draft to, "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.

:General Public Utilities - GPU Service Corp.

DATE ISS:79/10/17, 1p. ,48X:19336-118,ODI:B&W 0403 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080247 Third draft of "Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 73pp. ,48X:19336-119,ODI:B&W 0403 ,TN:GB01 NOT REVIEWED

8307080642 Draft training program assessment.

\* :Babcock & Wilcox Co.  
DATE ISS:79/05/08, 8pp. ,48X:19336-339,ODI:B&W 0405 ,TN:GB01 NOT REVIEWED

8307080645 Discusses TMI Unit 1 restart training & procedures.  
Procedures should include expected temps down stream of  
stuck open primary relief valve.

BROUGHTON,G. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/22, 4pp. ,48X:19336-347,ODI:B&W 0406 ,TN:GB01 NOT REVIEWED

8307080649 Operational log. "Influence of Operator Action."

\* :Babcock & Wilcox Co.  
DATE ISS:82/02/09, 7pp. ,48X:19336-351,ODI:B&W 0407 ,TN:GB01 NOT REVIEWED

8307110687 Resume of JR Floyd.

FLOYD,J.R. :Metropolitan Edison Co.  
DATE ISS:82/02/18, 1p. ,48X:19442-176,ODI:B&W 0460 ,TN:GB01 NOT REVIEWED

8307110690 Discusses reactor operator training at B&W in Lynchburgh,VA.

\* :General Public Utilities - GPU Service Corp.  
HERBEIN :General Public Utilities - GPU Service Corp.  
DATE ISS:76/06/24, 3pp. ,48X:19442-117,ODI:B&W 0461 ,TN:GB01 NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110693 Discusses status of operator training progress for wk ending 770227. All groups have fallen way off regional curves. Program in trouble.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J. :Metropolitan Edison Co.  
DATE ISS:77/03/01, 11pp. ,48X:19442-180, ODI:B&W 0462 ,TN:GB01 1.7

8307120795 Summarizes results of 770714 oral exams for Unit 2 licensing candidates.

TSAGGARIS, A. :Metropolitan Edison Co.  
LAWYER, L. L. :Metropolitan Edison Co.  
DATE ISS:77/07/18, 5pp. ,48X:19502-327, ODI:B&W 0463 ,TN:GB01 NOT REVIEWED

8307110696 Progress rept sheet for C Keyser, D Boltz & R Heilman for May 10 through Jul 1.

SMITH, J. :General Public Utilities - GPU Service Corp.  
DATE ISS:82/02/18, 4pp. ,48X:19442-191, ODI:B&W 0464 ,TN:GB01 NOT REVIEWED

8307110699 Operational log. Summary of operational sequence of events on 790328 accident.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:82/02/18, 241pp. ,48X:19442-195, ODI:B&W 0465 ,TN:GB01 NOT REVIEWED

8307090230 Vol II, "Accident."

\* :Babcock & Wilcox Co.  
DATE ISS:79/11/02, 318pp. ,48X:19412-126, ODI:B&W 0466 ,TN:GB01 NOT REVIEWED

8307090240 Marked-up handwritten notes on NRC Insp 77-04 on 770201-03.

SEELINGER, J. L. :Metropolitan Edison Co.  
DATE ISS:77/02/03, 7pp. ,48X:19413-087, ODI:B&W 0468 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090249 Proposed agenda for 771012-13 GORB briefing.

SEELINGER, J.L. ;Metropolitan Edison Co.  
BROUGHTON, T.G. ;Metropolitan Edison Co.  
DATE ISS:77/09/12, 2pp. ,48X:19413-127,ODI:B&W 0470 ,TN:GB01 NOT REVIEWED

8307090267 Resume of FJ Scheimann.

SCHEIMANN, F.J. ;Metropolitan Edison Co.  
DATE ISS:82/02/23, 2pp. ,48X:19413-172,ODI:B&W 0514 ,TN:GB01 NOT REVIEWED

8307090272 Job-related training program records for F Scheimann.

\* ;Metropolitan Edison Co.  
DATE ISS:82/02/23, 3pp. ,48X:19413-174,ODI:B&W 0515 ,TN:GB01 NOT REVIEWED

8307090278 Attendees at 740905, 06, 1129 & 1203 training programs re  
selected emergency procedures, operational QA, Tech Spec  
review & major operational evaluations.

SEELINGER, J. ;Metropolitan Edison Co.  
DATE ISS:74/09/06, 5pp. ,48X:19413-177,ODI:B&W 0516 ,TN:GB01 NOT REVIEWED

8307090281 Computer list of training courses, dates & instructors.

\* ;Metropolitan Edison Co.  
DATE ISS:75/12/31, 3pp. ,48X:19413-182,ODI:B&W 0517 ,TN:GB01 NOT REVIEWED

8307090287 Notices of second progress evaluation exam for cold  
licensing. Matl to be covered in exam listed.

GOODMAN, D. ;Metropolitan Edison Co.  
NEUMANN, D. ;Metropolitan Edison Co.  
DATE ISS:77/03/25, 4pp. ,48X:19413-185,ODI:B&W 0518 ,TN:GB01 NOT REVIEWED

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8307090294 Computerized list of lesson programs dates & employees.

\* ;Metropolitan Edison Co.  
; DATE ISS:78/03/28, 2pp. ,48X:19413-190,ODI:B&W 0520 ,TN:GB01 NOT REVIEWED

8307090304 Senior Operator License OP-3237 for FJ Scheimann at TMI-2.

COLLINS,P.F. ; Assistant Director for Operating Reactors  
; DATE ISS:78/05/03, 1p. ,48X:19413-194,ODI:B&W 0522 ,TN:GB01 NOT REVIEWED

8307090309 Printout for FJ Scheimann, indicating training courses completed.

SCHEIMANN,F.J. ;Metropolitan Edison Co.  
; DATE ISS:79/05/24, 2pp. ,48X:19413-195,ODI:B&W 0523 ,TN:GB01 NOT REVIEWED

8307090313 Administrative training records for F. Scheimann.

SCHEIMANN,F.J. ;Metropolitan Edison Co.  
; DATE ISS:82/02/25, 10pp. ,48X:19413-225,ODI:B&W 0524 ,TN:GB01 NOT REVIEWED

8307060620 Drawings of interrelated control sys subsystems, including reactor demand subsystem & feedwater subsystem.

\* ;Babcock & Wilcox Co.  
; DATE ISS:82/02/25, 500pp. ,48X: - ,ODI:B&W 0525 ,TN:GB01 NOT REVIEWED

8307060615 "Horse Book Update."

\* ;Babcock & Wilcox Co.  
; DATE ISS:82/02/25, 1133pp. ,48X:19305-302,ODI:B&W 0526 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090317 "Integrated Control Sys," videotape training manual.

\* :Babcock & Wilcox Co.  
: DATE ISS:82/02/25, 982pp. ,48X:19413-235,ODI:B&W 0527 ,TN:GB01 NOT REVIEWED

8307060602 "Unit 2 Reactor Protection Sys."

\* :Babcock & Wilcox Co.  
: DATE ISS:82/02/25, 306pp. ,48X:19303-001,ODI:B&W 0528 ,TN:GB01 NOT REVIEWED

8307060605 "Reactor Theory Review:1978-79 Requal Review Course."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/12/31, 715pp. ,48X:19303-307,ODI:B&W 0529 ,TN:GB01 NOT REVIEWED

8307060515 Documentation on plant sys.

\* :Babcock & Wilcox Co.  
: DATE ISS:82/02/25, 956pp. ,48X:19275-060,ODI:B&W 0530 ,TN:GB01 NOT REVIEWED

8307060508 Documentation of plant sys.

\* :Babcock & Wilcox Co.  
: DATE ISS:82/02/25, 866pp. ,48X:19277-296,ODI:B&W 0531 ,TN:GB01 NOT REVIEWED

8307060562 "Sys Descriptions:Primary sys."

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/06, 66pp. ,48X:19308-355,ODI:B&W 0532 ,TN:GB01 NOT REVIEWED

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8307060566 "Lecture Series in Nuclear Power Plant Operations."

\* :Pennsylvania State Univ.

DATE ISS:69/04/30, 775pp. ,48X:19309-120,ODI:B&W 0533 ,TN:GB01 NOT REVIEWED

8307060609 "Reactor Theory & Nuclear Physics."

SCHEIMANN,F.J. :Babcock & Wilcox Co.

DATE ISS:82/12/21, 680pp. ,48X:19283-117,ODI:B&W 0534 ,TN:GB01 NOT REVIEWED

8307060612 Rev 0 to nuclear power plant operations manual,Vol 2.

ALBERT,J.R. :Babcock & Wilcox Co.

DATE ISS:75/01/16, 649pp. ,48X:19285-077,ODI:B&W 0535 ,TN:GB01 NOT REVIEWED

8307060517 Documentation on plant sys.

\* :Babcock & Wilcox Co.

DATE ISS:82/02/25, 1,115pp. ,48X:19280-082,ODI:B&W 0536 ,TN:GB01 NOT REVIEWED

8307080576 Continued deposition of FJ Scheimann in Harrisburg,PA.Pp  
129-241.

SCHEIMANN,F.J. :Metropolitan Edison Co.

DATE ISS:79/07/25, 227pp. ,48X:19416-137,ODI:B&W 0537 ,TN:GB01 NOT REVIEWED

8307080749 Forwards outline of util training programs for TMI  
operations,technical & maint staff.

ZECHMAN,R.W. :Metropolitan Edison Co.

HERBEIN,J.C. :Metropolitan Edison Co.

DATE ISS:73/08/01, 13pp. ,48X:19418-137,ODI:B&W 0556 ,TN:GB01 NOT REVIEWED

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8307080751 "Training & Certification of Met Ed TMI-2 Licensed Personnel," summary description.

\* :Metropolitan Edison Co.

DATE ISS:83/07/08, 29pp. ,48X:19418-178,ODI:B&W 0557 ,TN:GB01

NOT REVIEWED

8307110731 "Nuclear Power Preparatory Training Core Performance Course for Met Ed via Video Tape."

\* :NUS Corp.

DATE ISS:83/07/11, 228pp. ,48X:19478-060,ODI:B&W 0558 ,TN:GB01

1.2, 1.6

8307080758 Corrections to RW Zechman 790727 & 30 depositions.

ZECHMAN,R.W. :Metropolitan Edison Co.

DATE ISS:79/08/08, 3pp. ,48X:19418-252,ODI:B&W 0560 ,TN:GB01

NOT REVIEWED

8307110733 Investigation Task Force Interview re TMI.

\* :Babcock & Wilcox Co.

DATE ISS:82/03/11, 4pp. ,48X:19478-040,ODI:B&W 0561 ,TN:GB01

1.2

8307080762 Discusses E Frederick survey of TMI-2 requalification program for 791105-1214.Attendance poor.Support of senior operations personnel lacking.

ZECHMAN,R.W. :Metropolitan Edison Co.

LAWYER,L.L. :Metropolitan Edison Co.

DATE ISS:79/12/20, 2pp. ,48X:19418-284,ODI:B&W 0563 ,TN:GB01

1.7

8307080764 Forwards JL Book 770617 ltr re operator training.Training should be conducted in prof manner.Criticisms should be considered.

O'HANLON,J.P. :Metropolitan Edison Co.

MILLER,G.P. :Metropolitan Edison Co.

DATE ISS:77/06/18, 8pp. ,48X:19418-286,ODI:B&W 0564 ,TN:GB01

1.7, 1.14

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8307080766 Submits concerns & suggestions for reorganization of operator training dept personnel.

ZECHMAN,R.W. :Metropolitan Edison Co.  
LAWYER,L.L. :Metropolitan Edison Co.  
DATE ISS:79/09/17, 6pp. ,48X:19418-294,ODI:B&W 0565 ,TN:GB01 1.2

8307080768 Discusses training dept organization/staffing.Logical assignment between functional groups should be stressed & operator training section staff should be increased.

MCCORMICK,F.A. :Metropolitan Edison Co.  
ZECHMAN,R.W. :Metropolitan Edison Co.  
DATE ISS:79/09/03, 8pp. ,48X:19418-300,ODI:B&W 0566 ,TN:GB01 1.2

8307080770 Requests comments on encl Penn State initial draft rept "Pedagogical Review of Operator Training."

LAWYERS,S. :Metropolitan Edison Co.  
THORPE,J. :Metropolitan Edison Co.  
DATE ISS:80/01/24, 1p. ,48X:19418-308,ODI:B&W 0567 ,TN:GB01 IRRELEVANT

8307080773 Comments on Penn State review committee rept re operator training.

ZECHMAN,R.W. :Metropolitan Edison Co.  
SMITH,D. :Metropolitan Edison Co.  
DATE ISS:80/02/06, 3pp. ,48X:19418-350,ODI:B&W 0568 ,TN:GB01 NOT REVIEWED

8307060619 "Lecture Series in Nuclear Power Plant Operations Training."

\* :Babcock & Wilcox Co.  
DATE ISS:82/03/25, 723pp. ,48X:19287-249,ODI:B&W 0570 ,TN:GB01 NOT REVIEWED

8307060616 "Nuclear Energy Training:Plant Performance," Instructor Guide.

\* :NUS Corp.  
DATE ISS:82/03/26, 243pp. ,48X:19287-006,ODI:B&W 0571 ,TN:GB01 NOT REVIEWED

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8307110740 "Nuclear Power Plant Operations Manual, Vol 2."

\* :Babcock & Wilcox Co.  
: DATE ISS:82/04/27, 9pp. ,48X:19478-044,ODI:B&W 0614 ,TN:GB01 NOT REVIEWED

8307110083 Application by ER Frederick for reactor operator license.

FREDERICK, E.R. :Metropolitan Edison Co.  
: Operator Licensing Branch  
DATE ISS:77/07/05, 4pp. ,48X:19444-175,ODI:B&W 0645 ,TN:GB01 IRRELEVANT

8307110088 "Evolutions & Emergencies in Which Trainee Participated,"  
760405-0709.

\* :Babcock & Wilcox Co.  
: DATE ISS:76/07/09, 2pp. ,48X:19444-179,ODI:B&W 0646 ,TN:GB01 1.2

8307110091 Reactor operator training program summary.

\* :Metropolitan Edison Co.  
: DATE ISS:81/11/25, 38pp. ,48X:19444-181,ODI:B&W 0646A ,TN:GB01 IRRELEVANT

8307110096 Provides list of personnel that have completed 1-wk  
operator training course at B&W nuclear power plant  
simulator. Simulator training summary sheets encl.

STREET, B.W. :Babcock & Wilcox Co.  
TSAGGARIS, L. :Metropolitan Edison Co.  
DATE ISS:77/06/14, 3pp. ,48X:19444-246,ODI:B&W 0647 ,TN:GB01 1.2

8307110104 Forwards rept on oral audit exams. Summary of items encl  
to assist in preparing for NRC oral exams.

MANGIN, A.M. :General Physics Corp.  
GOODMAN, D. :Metropolitan Edison Co.  
DATE ISS:77/07/21, 8pp. ,48X:19444-251,ODI:B&W 0649 ,TN:GB01 1.2



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8307110109 Summarizes oral exam results of TMI-2 licensing candidates & provides action items for TMI training dept.

TSAGGARIS, A. :Metropolitan Edison Co.  
LAWYER, L. L. :Metropolitan Edison Co.  
DATE ISS:77/07/18, 6pp. ,48X:19444-287, ODI:B&W 0650 ,TN:GB01 1.2

8307110112 Provides info re discussion w/six auxiliary operators re level of knowledge in very basic areas. Lists areas that individuals request training.

FREDERICK, E. R. :Metropolitan Edison Co.  
ZECHMAN, R. W. :Metropolitan Edison Co.  
DATE ISS:79/09/07, 1p. ,48X:19444-292, ODI:B&W 0651 ,TN:GB01 1.2

8307110118 Documentation on reactor operator exam.

\* :Metropolitan Edison Co.  
DATE ISS:82/05/04, 69pp. ,48X:19444-293, ODI:B&W 0652 ,TN:GB01 IRRELEVANT

8307090157 "TMI Mock NRC Reactor Operator License Exam."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:77/07/11, 4pp. ,48X:19398-061, ODI:B&W 0653 ,TN:GB01 IRRELEVANT

8307110747 Transcript of oversight hearings on 790509, 10, 11 & 13 before Task Force of Subcommittee on Energy & Environ of Committee on Interior & Insular Affairs, in Washington, DC re accident at TMI.

\* :Babcock & Wilcox Co.  
DATE ISS:82/05/11, 88pp. ,48X:19477-265, ODI:B&W 0662 ,TN:GB01 NOT REVIEWED

8307110724 Requests formation of fire member task force to complete investigation of encl seven specific issues re 790328 incident.

ARNOLD, R. C. :General Public Utilities - GPU Service Corp.  
KEATEN, R. W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/27, 5pp. ,48X:19445-337, ODI:B&W 0694 ,TN:GB01 NOT REVIEWED

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8307110732 Submits questions re TMI-2 incident on 790328.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/06/13, 3pp. ,48X:19445-345,ODI:B&W 0697 ,TN:GB01 NOT REVIEWED

8307110735 Submits tasks & subtasks for task teams.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/09, 16pp. ,48X:19445-348,ODI:B&W 0698 ,TN:GB01 NOT REVIEWED

8307110739 Forwards first rough draft, "GPU Task Force Interim Summary Rept."

KEATON,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/28, 1p. ,48X:19446-002,ODI:B&W 0699 ,TN:GB01 NOT REVIEWED

8307110744 Requests copy of encl package re task force draft rept.

LONG,R.L. :Babcock & Wilcox Co.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/07, 6pp. ,48X:19446-116,ODI:B&W 0700 ,TN:GB01 NOT REVIEWED

8307110752 "GPU Task Force Investigative Rept."

BROUGHTON,T.G. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/27, 46pp. ,48X:19446-246,ODI:B&W 0702 ,TN:GB01 NOT REVIEWED

8307110757 "GPU Accident Review Task Force Final Summary Rept."

KEATON,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:80/03/24, 43pp. ,48X:19446-346,ODI:B&W 0703 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307110763 Forwards TDR TMI-11, "Analysis of TMI-2 Operator Response,"  
for review. Comments requested by 790625.

BROUGHTON, T.G. : General Public Utilities - GPU Service Corp.  
LONG, R. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/06/21, 32pp. , 48X: 19447-062, ODI: B&W 0705 , TN: GB01 NOT REVIEWED

8307110769 "Analysis of TMI-2 Operator Response."

WALSH, P.S. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/05/20, 36pp. , 48X: 19447-122, ODI: B&W 0706 , TN: GB01 NOT REVIEWED

8307090353 Forwards response to 791025 notice of violation & notice of  
proposed issuance of civil penalties based on IE  
investigation of 790328 accident.

NODOLD, R.C. : Metropolitan Edison Co.  
STELLO, V. : Office of Inspection & Enforcement, Office of the Director  
DATE ISS: 79/12/05, 97pp. , 48X: 19492-019, ODI: B&W 0707 , TN: GB01 IRRELEVANT

8307090022 Forwards draft "Loss of Feedwater Flow Leading to Accident  
of 790328," for master task force presentation.

LUCIEN, K. : Energy Incorporated  
: Energy Incorporated  
DATE ISS: 79/09/01, 179pp. , 48X: 19448-240, ODI: B&W 0718 , TN: GB01 1.1

8307090026 Forwards TMI staff interview of H McGovern dtd 790504 &  
DA Berry notes on 790329 re 790328 incident.

ZODIACO, V.P. : General Public Utilities - GPU Service Corp.  
BLAKE, E.L. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/05/10, 531pp. , 48X: 19449-059, ODI: B&W 0719 , TN: GB01 NOT REVIEWED

8307090042 Handwritten sequence of events re TMI-2 incident. Comments  
from 790417 meeting w/Herbein & HMD also encl.

\* : General Public Utilities - GPU Service Corp.  
: General Public Utilities - GPU Service Corp.  
DATE ISS: 79/04/20, 8pp. , 48X: 19450-236, ODI: B&W 0723 , TN: GB01 NOT REVIEWED

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8307090054 Notes on operational aspects of 790328 event.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/07/17, 17pp. ,48X:19450-246,ODI:B&W 0726 ,TN:GB01 NOT REVIEWED

8307090009 Draft IE investigation rept of certain aspects of accident  
at TMI-2 on 790328.

\* :Office of Inspection & Enforcement, Office of the Director  
: DATE ISS:79/07/16, 793pp. ,48X:19450-291,ODI:B&W 0727 ,TN:GB01 NOT REVIEWED

8307090014 "NRC Sequence of Events:Miscellaneous Notes."

\* :Office of Inspection & Enforcement, Office of the Director  
: DATE ISS:79/06/22, 2pp. ,48X:19453-022,ODI:B&W 0729 ,TN:GB01 NOT REVIEWED

8307120252 Discusses items & assignment of responsibilities needed to  
address NRC IE investigation draft rept findings.Initial  
response requested by 790822 & final response by 790912.

WALLACE,E.G. :General Public Utilities - GPU Service Corp.  
BEHRLE,W.H. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/06, 3pp. ,48X:19454-242,ODI:B&W 0730 ,TN:GB01 NOT REVIEWED

8307120270 Application by WH Zewe for senior reactor operator license.

ZEWE,W.H. :Metropolitan Edison Co.  
COLLINS,P.F. : Operator Licensing Branch  
DATE ISS:77/07/05, 2pp. ,48X:19455-005,ODI:B&W 0735 ,TN:GB01 NOT REVIEWED

8307120274 Resume of W Zewe.

ZEWE,W. :Metropolitan Edison Co.  
: DATE ISS:82/05/20, 2pp. ,48X:19455-007,ODI:B&W 0736 ,TN:GB01 NOT REVIEWED

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8307120341 Transcript of interview w/w Zewe.

ZEW, W. :Metropolitan Edison Co.

DATE ISS:82/05/28, 16pp. ,48X:19456-345,ODI:B&W 0761 ,TN:GB01

NOT REVIEWED

8307130326 Requests approval of encl Change Mod 2-0298, to connecting  
open light for Unit 2 RCS RC-RV2 to limit switch.

SHOVLIN, D.M. :Metropolitan Edison Co.

KLINGAMAN, R.M. :Metropolitan Edison Co.

DATE ISS:79/01/30, 17pp. ,48X:19501-001,ODI:B&W 0767 ,TN:GB01

NOT REVIEWED

8307120373 Describes Unit 2 control room operator training program,  
scheduled to begin on 750811. Program schedule encl.

SEELINGER, J.L. :Metropolitan Edison Co.

HERBEIN, J.G. :Metropolitan Edison Co.

DATE ISS:75/08/06, 9pp. ,48X:19457-014,ODI:B&W 0770 ,TN:GB01

1.8

8307120375 Discusses Unit 2 control room operator training program  
requirements for cold operators license.

TSAGGARIS, A. :Metropolitan Edison Co.

HERBEIN, J.G. :Metropolitan Edison Co.

DATE ISS:76/03/12, 3pp. ,48X:19457-023,ODI:B&W 0771 ,TN:GB01

1.2

8307120659 Discusses requalification program makeup assignments for  
onshift personnel & nonshift personnel. Implementation of  
program will reduce administrative burden.

TSAGGARIS, A. :Metropolitan Edison Co.

COLITZ, J. :Metropolitan Edison Co.

DATE ISS:76/01/28, 1p. ,48X:19457-026,ODI:B&W 0772 ,TN:GB01

1.7

8307120663 Forwards marked-up Unit 2 training FSAR. Comments on  
licensing encl.

TSAGGARIS, A. :Metropolitan Edison Co.

MILLER, G.P. :Metropolitan Edison Co.

DATE ISS:76/02/08, 6pp. ,48X:19457-027,ODI:B&W 0773 ,TN:GB01

NOT REVIEWED

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8307120667 Discusses final training phase for Unit 2 operator  
licensing. License effort must be number one priority. Info  
package essential & must be completed.

MILLER, G.P. : Metropolitan Edison Co.  
LAWYER, L.L. : Metropolitan Edison Co.  
DATE ISS: 77/06/02, 2pp. , 48X: 19457-061, ODI: B&W 0774 , TN: GB01 1.2, 1.16

8307120672 Advises that six shifts needed in operations & five to six  
shifts needed in maint to accomplish requalification program  
training.

LAWYER, L.L. : Metropolitan Edison Co.  
TROFFER, G.J. : Metropolitan Edison Co.  
DATE ISS: 78/09/19, 1p. , 48X: 19457-063, ODI: B&W 0775 , TN: GB01 1.7

8307130329 Provides breakdown of requalification program attendance.  
During fifth 5-wk training cycle, attendance was 36% of all  
licensed personnel.

BEERS, M.L. : Metropolitan Edison Co.  
MILLER, G.P. : Metropolitan Edison Co.  
DATE ISS: 78/11/02, 1p. , 48X: 19500-359, ODI: B&W 0776 , TN: GB01 1.7

8307120679 Submits info in response to memo re use of simulator for  
operator training. Requalification program needs rewrite.

TSAGGARIS, A. : Metropolitan Edison Co.  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 76/05/07, 3pp. , 48X: 19457-064, ODI: B&W 0777 , TN: GB01 1.2, 1.11

8307120684 Commitment info for Unit 2 FSAR.

\* : Metropolitan Edison Co.  
DATE ISS: 75/10/31, 2pp. , 48X: 19457-067, ODI: B&W 0778 , TN: GB01 NOT REVIEWED

8307120688 Discusses GORB Unit 1.

\* : Metropolitan Edison Co.  
HARBIN : Metropolitan Edison Co.  
DATE ISS: 82/06/08, 1p. , 48X: 19457-069, ODI: B&W 0779 , TN: GB01 IRRELEVANT

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8307120695 Assigns responsibilities in development of Tech Specs for facility.

MILLER, G.P. :Metropolitan Edison Co.  
FLOYD, J.R. :Metropolitan Edison Co.  
DATE ISS:77/03/03, 2pp. ,48X:19457-070, ODI:B&W 0780 ,TN:GB01 IRRELEVANT

8307090129 "Lecture Series in Nuclear Power Plant Operations Training."

\* :Pennsylvania State Univ.  
DATE ISS:71/09/30, 2pp. ,48X:19453-026, ODI:B&W 0788 ,TN:GB01 NOT REVIEWED

8307090132 Summary of time spent during senior reactor operator self study program.

SHERMAN, F.J. :Babcock & Wilcox Co.  
DATE ISS:82/06/08, 2pp. ,48X:19453-028, ODI:B&W 0789 ,TN:GB01 NOT REVIEWED

8307090135 Category H Exam Reactor Theory.

SHERMAN, F.J. :Babcock & Wilcox Co.  
DATE ISS:78/04/05, 64pp. ,48X:19453-058, ODI:B&W 0790 ,TN:GB01 NOT REVIEWED

8307090139 Notes discussing heat transfer.

\* :Babcock & Wilcox Co.  
DATE ISS:82/06/09, 7pp. ,48X:19453-097, ODI:B&W 0792 ,TN:GB01 NOT REVIEWED

8307130336 Discusses problems w/operator licensing exams of ltr-designated Individual VV.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/12/09, 2pp. ,48X:19501-055, ODI:B&W 0796 ,TN:GB01 IRRELEVANT

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8307130338 Summarizes events re ltr-designated Individual VV participation in 1977/78 requalification program.

ZECHMAN, R.W. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:79/07/10, 3pp. ,48X:19501-057, ODI:B&W 0797 ,TN:GB01 1.7

8307130373 Discusses investigation, evaluation & recommendations re ltr-designated Individual VV operator license exam failure & possible cheating.

MILLER, G.P. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:79/07/27, 5pp. ,48X:19501-060, ODI:B&W 0798 ,TN:GB01 IRRELEVANT

8307130374 Certifies satisfactory rating of ltr-designated Individual VV based upon completion of accelerated requalification program w/score of 99.8.

MILLER, G.P. :Metropolitan Edison Co.  
COLLINS, P.F. :Office of Nuclear Reactor Regulation, Director  
DATE ISS:81/11/17, 1p. ,48X:19501-065, ODI:B&W 0799 ,TN:GB01 1.14

8307090192 Discusses Unit 2 staffing & licensing.

HERBEIN, J.G. :Metropolitan Edison Co.  
ARNOLD, R.C. :Metropolitan Edison Co.  
DATE ISS:75/03/31, 19pp. ,48X:19454-172, ODI:B&W 0839 ,TN:GB01 NOT REVIEWED

8307090197 Discusses cross licensing status rept.

SEELINGER, J. :Metropolitan Edison Co.  
HERBEIN, J. :Metropolitan Edison Co.  
DATE ISS:75/04/14, 16pp. ,48X:19454-191, ODI:B&W 0840 ,TN:GB01 NOT REVIEWED

8307130379 Forwards "TMI Mat. Audit, 780109-20." One major area of concern was practice of bypassing chain of command from top to bottom, resulting in duplication of efforts.

TROFFER, G.J. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:78/02/14, 6pp. ,48X:19501-104, ODI:B&W 0843 ,TN:GB01 IRRELEVANT



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8307090223 Discusses exit remarks of J Buzzy following GP Miller senior reactor exam, Buzzy considers plant dirty & paper appears to be "falling apart" in control room.

ARNOLD, R.C. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/04/20, 4pp. ,48X:19454-236, ODI:B&W 0844 ,TN:GB01

NOT REVIEWED

8307130385 Suspends ltr-designated Individual VV from work for period 790813-26, for failure to exercise sound judgement during 1978-79 requalification program.

MILLER, G.P. :Metropolitan Edison Co.  
VV :Metropolitan Edison Co.  
DATE ISS:79/08/08, 3pp. ,48X:19501-143, ODI:B&W 0845 ,TN:GB01

NOT REVIEWED

8307130395 Rev 2 to "TMI Nuclear Station Administrative Procedure 1006, Met Ed Operator Requalification Program."

\* :Metropolitan Edison Co.  
DATE ISS:77/04/11, 17pp. ,48X:19501-154, ODI:B&W 0882 ,TN:GB01

1.7

8307130378 Summary of second TMI mat audit review meeting re operator training, job classification & overtime, responsibility & accountability, policy establishment & promulgation, productivity & leadership.

TROFFER, G.J. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:83/07/13, 6pp. ,48X:19501-171, ODI:B&W 0883 ,TN:GB01

1.2

8307120084 Summary of TMI mat audit review fourth meeting on 780424.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:78/04/24, 12pp. ,48X:19458-127, ODI:B&W 0884 ,TN:GB01

1.2, 1.7

8307120088 Discusses simulator training costs. Revamp of requalification program in order.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:76/05/07, 3pp. ,48X:19458-139, ODI:B&W 0885 ,TN:GB01

1.2, 1.11

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8307120092 Discusses three problem areas in requalification program. Problems concern poor lesson attendance, inordinate time before matl is returned & not enough scheduled time in control room.

TSAGGARIS, A. :Metropolitan Edison Co.

HERBEIN, J.G. :Metropolitan Edison Co.

DATE ISS:76/04/27, 1p. ,48X:19458-170,ODI:B&W 0886 ,TN:GB01

1.7, 1.14

8307120095 Requests B&W simulator training contract be executed as soon as possible. Requalification training scheduled to start on 750324.

HERBEIN, J.G. :Metropolitan Edison Co.

ARNOLD, R.C. :Metropolitan Edison Co.

DATE ISS:75/03/03, 1p. ,48X:19458-171,ODI:B&W 0887 ,TN:GB01

NOT REVIEWED

8307120099 Submits simulator training schedule.

SEELINGER, J. :Metropolitan Edison Co.

HERBEIN, J.G. :Metropolitan Edison Co.

DATE ISS:75/03/13, 2pp. ,48X:19458-172,ODI:B&W 0888 ,TN:GB01

NOT REVIEWED

8307120113 "Selection, Training, Qualification & Licensing of TMI Reactor Operating Personnel."

EYCHISON, R. :President's Commission on the Accident at Three Mile Island

DATE ISS:79/10/31, 184pp. ,48X:19458-178,ODI:B&W 0890 ,TN:GB01

NOT REVIEWED

8307120183 Transcript of IE TMI investigation interview w/TF Illjes on 790523 in Middletown, PA.

ILLJES, T.F. :Metropolitan Edison Co.

DATE ISS:79/05/23, 26pp. ,48X:19460-011,ODI:B&W 0904 ,TN:GB01

NOT REVIEWED

8307120187 Summary of TMI-2 Accident Review Task Force 790824 meeting.

\* :Metropolitan Edison Co.

:Metropolitan Edison Co.

DATE ISS:79/08/24, 5pp. ,48X:19460-064,ODI:B&W 0905 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090342 Forwards third draft investigative task force summary report  
re TMI accident. Report reflects revisions discussed during  
791011-12 meetings. Comments requested by 791022.

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
: General Public Utilities - GPU Service Corp.

DATE ISS: 79/10/17, 77pp. , 48X: 19400-353, ODI: B&W 0907 , TN: GB01

NOT REVIEWED

8307090345 Resume of AJ Dominguez.

DOMINGUEZ, A.J. : Pennsylvania Power & Light Co.

DATE ISS: 82/08/17, 1p. , 48X: 19401-124, ODI: B&W 0908 , TN: GB01

NOT REVIEWED

8307090351 "Pressurizer, Lecture Outline."

HAWKINS, T. : Babcock & Wilcox Co.

DATE ISS: 82/08/17, 13pp. , 48X: 19401-126, ODI: B&W 0910 , TN: GB01

NOT REVIEWED

8307090355 "DHR Sys, Lecture Outline."

POJE, S.G. : Babcock & Wilcox Co.

DATE ISS: 82/08/17, 6pp. , 48X: 19401-139, ODI: B&W 0911 , TN: GB01

NOT REVIEWED

8307090359 "ESF, Shift Technical Engineer Briefing Notes."

PERRY, M.J. : Babcock & Wilcox Co.

DATE ISS: 82/08/17, 36pp. , 48X: 19401-173, ODI: B&W 0912 , TN: GB01

NOT REVIEWED

8307090362 "Transient Analysis, Lecture Outline."

NELSON, M.A. : Babcock & Wilcox Co.

DATE ISS: 82/08/17, 67pp. , 48X: 19401-237, ODI: B&W 0913 , TN: GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090365 Rev 0 to Emergency Procedure EP 2202-1.5, "Pressurizer  
Svs Failure."

\* :Babcock & Wilcox Co.  
:

DATE ISS:75/11/25, 12pp. ,48X:19401-360,ODI:B&W 0914 ,TN:GB01

NOT REVIEWED

8307090367 Forwards training schedule update for test personnel  
teaching assignments.

ULRICH,J.C. :General Public Utilities - GPU Service Corp.

TOOLE,R.J. :General Public Utilities - GPU Service Corp.

DATE ISS:76/06/11, 10pp. ,48X:19402-010,ODI:B&W 0915 ,TN:GB01

NOT REVIEWED

8307090369 "Index of Emergency & Abnormal Procedures."

\* :Babcock & Wilcox Co.  
:

DATE ISS:82/08/17, 2pp. ,48X:19402-020,ODI:B&W 0916 ,TN:GB01

NOT REVIEWED

8307090381 Forwards Rev 0 to Draft Procedure DP 11202.06, "Loss of  
Reactor Coolant."

SUHRKE,K.E. :Babcock & Wilcox Co.

MURRAY,T.D. :Toledo Edison Co.

DATE ISS:73/04/27, 5pp. ,48X:19402-176,ODI:B&W 1020 ,TN:GB01

NOT REVIEWED

8307090384 Transcript of IE interview of H Hartman on 790522.

HARTMAN,H. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/05/22, 61pp. ,48X:19486-275,ODI:B&W 1021 ,TN:GB01

NOT REVIEWED

8307130382 Transcript of HW Hartman 791029 deposition in Lancaster,PA  
by NRC Special Inquiry Group.

HARTMAN,H.W. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/10/09, 59pp. ,48X:19501-209,ODI:B&W 1022 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307110794 Deposition of WH Zewe on 790726 in Harrisburg,PA.Pp 1-187.

ZEWEL,W.H. :Metropolitan Edison Co.

DATE ISS:79/07/26, 184pp. ,48X:19479-193,ODI:B&W 4006 ,TN:GB01

NOT REVIEWED

8307090279 Transcript of ACRS Subcommittee on TMI-2 790606 meeting in  
Middletown,PA.Pp 1-192.

\* :ACRS - Advisory Committee on Reactor Safeguards

DATE ISS:79/06/06, 228pp. ,48X:19487-104,ODI:B&W 4012 ,TN:GB01

NOT REVIEWED

8307120669 Summary of simulator cold licensing training for E Frederick  
during 760405-0709.

\* :Babcock & Wilcox Co.

DATE ISS:76/07/09, 2pp. ,48X:19462-302,ODI:B&W 4016 ,TN:GB01

NOT REVIEWED

8307120673 Simulators training summary sheet for ER Frederick from  
770606-10.

\* :Babcock & Wilcox Co.

DATE ISS:77/06/10, 1p. ,48X:19462-304,ODI:B&W 4017 ,TN:GB01

NOT REVIEWED

8307120755 Handwritten Test Log,Book 3.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:78/03/30, 3pp. ,48X:19495-298,ODI:B&W 4050 ,TN:GB01

NOT REVIEWED

8307120762 Handwritten Test Log,Book 2.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:77/09/08, 8pp. ,48X:19495-304,ODI:B&W 4052 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120789 Graph of drain tank pressure time after turbine trip.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/11, 1p. ,48X:19495-321,ODI:B&W 4054 ,TN:GB01 NOT REVIEWED

8307130113 Transcript of 790424 interview w/util.

\* :Director's Office, Office of Inspection and Enforcement  
: DATE ISS:79/04/24, 3pp. ,48X:19497-007,ODI:B&W 5005AA ,TN:GB01 NOT REVIEWED

8307010268 "Interim Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/05/25, 118pp. ,48X:19179-127,ODI:GPU 0004 ,TN:GB01 NOT REVIEWED

8307010270 "Interim Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/06/08, 61pp. ,48X:19179-244,ODI:GPU 0005 ,TN:GB01 NOT REVIEWED

8307010274 "Final Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/07/31, 234pp. ,48X:19179-316,ODI:GPU 0006 ,TN:GB01 NOT REVIEWED

8307020007 "Final Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
: DATE ISS:83/06/30, 54pp. ,48X:19228-221,ODI:GPU 0007 ,TN:GB01 1.2

U. S. NUCLEAR REGULATORY COMMISSION  
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8307010252 Requests input re establishment of vehicle for communicating understanding of how NSS behaves when responding to various incidents.

KUSIBA, E.E. :Babcock & Wilcox Co.  
WASCHER, R.E. :Babcock & Wilcox Co.  
DATE ISS:79/04/17, 1p. ,48X:19178-142,ODI:GPU 0049 ,TN:GB01 1.2

8307010255 Responds to 730406 ltr re technician water chemistry course. Attempting to have Met Ed give course. Cost control main obstacle to overcome.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
POCOCK, F.J. :Affiliation Unknown  
DATE ISS:73/04/11, 1p. ,48X:19178-143,ODI:GPU 0050 ,TN:GB01 NOT REVIEWED

8307010254 Discusses actions taken to prevent TMI-2 like event. Initiating event sequence described in 790730 memo used in requalification training programs.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
BANWARTH, C.S. :Babcock & Wilcox Co.  
DATE ISS:79/08/17, 2pp. ,48X:19178-146,ODI:GPU 0052 ,TN:GB01 1.2, 1.11

8307010256 Paper entitled "Post-TMI Plant Staff Training," presented at Nuclear Operating Experience Seminar in New Orleans, LA on 800309-11.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
DATE ISS:80/03/09, 5pp. ,48X:19178-148,ODI:GPU 0053 ,TN:GB01 1.2, 1.11

8307010253 Forwards training effectiveness upgrade program developed from staff rept for Kenny Commission, TMI-2 Lessons Learned NRC NUREG-0585 & Rogovin rept. Program will be initiated after approval.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
KOSIBA, R.E. :Babcock & Wilcox Co.  
DATE ISS:80/03/10, 10pp. ,48X:19178-154,ODI:GPU 0057 ,TN:GB01 1.2

8307010249 "Operations Manual for Nuclear Power Plant Simulator."

\* :Babcock & Wilcox Co.  
DATE ISS:81/02/11, 318pp. ,48X:19178-164,ODI:GPU 0058 ,TN:GB01 1.2, 1.11

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070460 Rev 1 to Procedure OP 1103 16, "OFR Unit 1 Heat Balance Calculation."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:71/12/06, 48pp. ,48X:19337-001,ODI:GPU 0059 ,TN:GB01 1.2, 1.11

8307070468 Forwards Rev 2 to "OFR Unit 1 Power Operations," & Rev 1 to "OFR Unit 1 Reactor Trip," in support of proposed INPO organization.INPO functions delineated.

ELLIOTT,M.S. :Babcock & Wilcox Co.  
LIND,J.A. :Babcock & Wilcox Co.  
DATE ISS:79/11/30, 7pp. ,48X:19337-058,ODI:GPU 0060 ,TN:GB01 1.11, 1.15

8307070473 Rev 2 to CP 1102 04 "OFR Unit 1 Power Operations."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:71/12/15, 5pp. ,48X:19337-065,ODI:GPU 0060 ,TN:GB01 1.11, 1.15

8307070476 Rev 1 to OP 1202 04 "OFR Unit 1 Reactor Trip."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:72/10/09, 6pp. ,48X:19337-070,ODI:GPU 0060 ,TN:GB01 1.11, 1.15

8307070481 Trip rept of 770927-29 visit to Toledo Edison Co re secondary sys & scheduling of training svcs.

ELLIOTT,N.S. :Babcock & Wilcox Co.  
OLDS,G.M. :Babcock & Wilcox Co.  
DATE ISS:77/10/14, 1p. ,48X:19337-076,ODI:GPU 0061 ,TN:GB01 IRRELEVANT

8307070487 Discusses training svcs conducted for B&W operating plants in TMI-2 incident in response to 790518 memo.Course consisted of review of TMI-2 incident,observation of transient on simulator & hands-on recognition or voiding.

ELLIOT,N.S. :Babcock & Wilcox Co.  
KANE,E.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/21, 1p. ,48X:19337-077,ODI:GPU 0062 ,TN:GB01 1.2, 1.4, 1.6, 1.8



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NRC SPECIAL REPORT

- 8307070501 Discusses requalification training program re operator ability to control plant under abnormal conditions. Lists recurring problems during operating period on simulator & parameter effects on plant operation.  
ELLIOT, N.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:79/01/08, 2pp. ,48X:19337-079,ODI:GPU 0064 ,TN:GB01 1.7, 1.11
- 8307070507 Discusses results of requalification training to customer operating personnel & loss of feedwater temp signal input to interated control, reducing feed flow.  
ELLIOTT, M.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:79/01/16, 1p. ,48X:19337-081,ODI:GPU 0065 ,TN:GB01 1.2
- 8307070519 Forwards rev to 790404 operating instructions for operator action to override ESF actuation sys & terminate MPI. Rev allows operator alternative to 20 minute operability period to preclude pressurizer from going solid.  
BRAZIL, G.J. :Babcock & Wilcox Co.  
HAM, R.E. :Babcock & Wilcox Co.  
DATE ISS:79/04/17, 2pp. ,48X:19337-162,ODI:GPU 0067 ,TN:GB01 1.4
- 8307070522 Discusses preparation of operating guidelines for small break in RCPB.  
ROY, D.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/28, 3pp. ,48X:19337-164,ODI:GPU 0068 ,TN:GB01 1.5
- 8307070538 "Operating Procedure Guidelines for Small Breaks."  
TAYLOR, J.H. :Babcock & Wilcox Co.  
:  
DATE ISS:79/05/05, 28pp. ,48X:19337-169,ODI:GPU 0069 ,TN:GB01 1.2, 1.5
- 8307070543 Forwards proposed rev to simulator std (ANSI 3.5) to be reviewed at ANS-3 800305 & 06 meetings. Listed individuals will attend meeting at C-E on 800220 & 21.  
ELLIOTT, M.S. :Babcock & Wilcox Co.  
:American Nuclear Society  
DATE ISS:80/02/26, 22pp. ,48X:19337-197,ODI:GPU 0070 ,TN:GB01 1.2, 1.11

U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307070548 Submits preliminary rept of Safety Concern PSC 18-79 re plant operators panel instrumentation readout limited to 2500 psia, below Tech Spec limit. Analysis concludes condition not reportable per 10CFR50.55e or 10CFR21.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/05, 3pp. ,48X:19337-219,ODI:GPU 0071 ,TN:GB01 IRRELEVANT
- 8307070552 Submits preliminary rept of Safety Concern PSC 25-79 re sequence of events identified during simulator training which could lead to saturated conditions in reactor core. Concern not reportable per 10CFR50.55e or 10CFR21.  
ELLIOTT, N.S. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/09/06, 5pp. ,48X:19337-222,ODI:GPU 0072 ,TN:GB01 1.2, 1.11
- 8307120331 Recommends guidelines for customers re HPIS operation in light of recent events at Toledo site.  
  
KELLY, J.J. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:77/11/01, 4pp. ,48X:19512-330,ODI:GPU 0076 ,TN:GB01 1.2, 1.4
- 8307070572 Discusses concerns within ECCS analysis re potential for operator action to terminate HPI following initial stage of LOCA. Full injection flow must be maintained from start of emergency ESFF actuation sys.  
DUNN, B.M. :Babcock & Wilcox Co.  
TAYLOR, J. :Babcock & Wilcox Co.  
DATE ISS:78/02/07, 3pp. ,48X:19337-250,ODI:GPU 0078 ,TN:GB01 1.4
- 8307120340 Recommends procedure for termination HPI following LOCA. Scheme acceptable from standpoint of preventing adverse long adverse long-range problems & easier to implement.  
  
DUNN, B.M. :Babcock & Wilcox Co.  
TAYLOR, J. :Babcock & Wilcox Co.  
DATE ISS:78/02/16, 2pp. ,48X:19512-337,ODI:GPU 0079 ,TN:GB01 1.4
- 8307120354 Provides supplementary operating instructions for HPI sys due to 790328 incident at TMI-2.  
  
FAIRBURN, G.T. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/04, 2pp. ,48X:19512-356,ODI:GPU 0085 ,TN:GB01 1.2, 1.4

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8307120865 Discusses what guidelines should be given to customers re  
proper use of high pressure injection sys.

KELLY, J.J. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:77/11/01, 1p. ,48X:19464-313, ODI:GPU 0131 ,TN:GB01 NOT REVIEWED

8307120868 Discusses operation of high pressure injection sys during  
771101 transient. Actions taken by operator correct.

WALTERS, J.F. :Babcock & Wilcox Co.  
KELLY, J.J. :Babcock & Wilcox Co.  
DATE ISS:77/11/10, 3pp. ,48X:19464-314, ODI:GPU 0132 ,TN:GB01 NOT REVIEWED

8307020250 Lists 10 lessons learned from TMI-2 incident. Total product,  
hardware, software & svcs, not adequate to prevent long  
duration loss of control of plant & most severe damage to  
core first lesson learned.

KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/11, 2pp. ,48X:19225-185, ODI:GPU 0147 ,TN:GB01 NOT REVIEWED

8307020253 Deposition of JJ Kelly on 790707 in New York, NY.

KELLY, J.J. :Babcock & Wilcox Co.  
DATE ISS:79/07/07, 71pp. ,48X:19225-237, ODI:GPU 0150 ,TN:GB01 NOT REVIEWED

8307020257 Supplemental Re. NP-32-77-16: on 770924, main turbine shut down  
to repair leak in pressure sensing connection on steam line  
while spurious half drip occurred in steam feedwater rupture  
control sys. Cause unknown.

MURRAY, T.D. :Toledo Edison Co.  
KEPPLER, J.G. : Region 3, Chicago, Office of the Director  
DATE ISS:77/11/14, 59pp. ,48X:19226-013, ODI:GPU 0153 ,TN:GB01 1.6

8307020259 Forwards LER 77-016/0L1-0.

EVANS, J. :Toledo Edison Co.  
KEPPLER, J.G. : Region 3, Chicago, Office of the Director  
DATE ISS:77/10/07, 1p. ,48X:19226-072, ODI:GPU 0154 ,TN:GB01 1.6

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8307020266 Responds to JJ Kelly 800221 question re development of  
new simulator code in reasonable schedule to support ATOG  
training. Proposed plan for possible simulator upgrade  
submitted.  
KELLY, J. J. : Babcock & Wilcox Co.  
WOMACK, E. A. : Babcock & Wilcox Co.  
DATE ISS: 80/02/27, 2pp. , 48X: 19226-124, ODI: GPU 0157 , TN: GB01 NOT REVIEWED

8307080582 Lists top ten lessons learned from TMI-2.  
  
KOSIBA, R. E. : Babcock & Wilcox Co.  
MACMILLAN, J. H. : Babcock & Wilcox Co.  
DATE ISS: 79/06/11, 2pp. , 48X: 19489-314, ODI: GPU 0213 , TN: GB01 NOT REVIEWED

8307080606 Submits customer svc dept monthly activities rept for Jul  
1979.  
  
KOSIBA, R. E. : Babcock & Wilcox Co.  
MACMILLAN, J. H. : Babcock & Wilcox Co.  
DATE ISS: 79/08/09, 11pp. , 48X: 19489-335, ODI: GPU 0220 , TN: GB01 NOT REVIEWED

8307090019 Revised "Proposal for Long-Term Contract for TMI Nuclear  
Station Units I & II Operator Training."  
  
\* : Babcock & Wilcox Co.  
DATE ISS: 75/03/07, 17pp. , 48X: 19490-151, ODI: GPU 0275 , TN: GB01 NOT REVIEWED

8307090059 "Potential Lessons to be Learned From TMI-2."  
  
LABELLE, D. W. : Babcock & Wilcox Co.  
DATE ISS: 79/05/25, 2pp. , 48X: 19490-225, ODI: GPU 0287 , TN: GB01 1.2

8307090104 Requests review of proposed operating instruction re  
pressurizer relief valve. Procedure should be implemented for  
all operating reactors if approved.  
  
SWANSON, E. W. : Babcock & Wilcox Co.  
KANE, E. R. : Babcock & Wilcox Co.  
DATE ISS: 79/04/05, 1p. , 48X: 19490-334, ODI: GPU 0296 , TN: GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307090107 Forwards operating instructions for isolation of stuck open PORV for review. Instruction should be forwarded to operating plant customers as changes to operating/emergency procedure.  
NEWTON, D.G. :Babcock & Wilcox Co.  
FAIRBURN, G.T. :Babcock & Wilcox Co.  
DATE ISS:79/04/08, 4pp. ,48X:19490-335, ODI:GPU 0297 ,TN:GB01 NOT REVIEWED
- 8307090138 Recommends that operating plant customers be informed of 780320 cooldown incident at Rancho Seco given suggestions on how to minimize plant thermal transient for loss of non-nuclear instrumentation.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:78/03/29, 2pp. ,48X:19491-013, ODI:GPU 0306 ,TN:GB01 NOT REVIEWED
- 8307090141 Understands that small group of key designers organized to review SMUD rapid cooldown transient & develop what could have been or could be done to reduce likelihood or limit consequences of recurrence.  
WOMACK, E.A. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:78/08/21, 10pp. ,48X:19491-016, ODI:GPU 0308 ,TN:GB01 1.2
- 8307060492 Outlines implications of incident including summarization of incident, B&W assessment of primary message from site & required short term actions. Detailed summary of site message encl.  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/30, 6pp. ,48X:19302-161, ODI:GPU 0384 ,TN:GB01 NOT REVIEWED
- 8307120692 "Loss of Reactor Coolant/RCS Pressure."  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:83/07/12, 8pp. ,48X:19461-001, ODI:GPU 0396 ,TN:GB01 IRRELEVANT
- 8307060641 Requests to be included on distribution list of repts issued re proposed work for I&C Human Engineering of 790718 TMI-2 concerns list.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
CRAIG, R.W. :Babcock & Wilcox Co.  
DATE ISS:79/07/27, 1p. ,48X:19340-014, ODI:GPU 0428 ,TN:GB01 IRRELEVANT

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- 8307060643 Lists activities, including site program repts, weekly status repts, RADCAS, emergency operations, owners group meetings, operating experience seminar, plant data output, summary test repts, restart test repts & training contacts.  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:82/01/22, 1p. ,48X:19340-015,ODI:GPU 0429 ,TN:GB01 NOT REVIEWED
- 8307120764 Handwritten repts, "DHR Problem Associated W/Recovery From Very Small Break LOCA for C-E Sys 80 PWR."  
\* :Combustion Engineering, Inc.  
:  
DATE ISS:77/05/15, 50pp. ,48X:19461-058,ODI:GPU 0470 ,TN:GB01 NOT REVIEWED
- 8307060558 Operating instruction for stuck-open PORV, per IE Bulletin 79-05.  
NEWTON, D.G. :Babcock & Wilcox Co.  
:  
DATE ISS:79/04/08, 4pp. ,48X:19340-293,ODI:GPU 0496 ,TN:GB01 NOT REVIEWED
- 8307060633 Audit on 780217-0405 of training & qualification of station (& support) staff (nuclear).  
HEYSEK, W.G. :Metropolitan Edison Co.  
:  
DATE ISS:78/06/09, 3pp. ,48X:19341-039,ODI:GPU 0509 ,TN:GB01 NOT REVIEWED
- 8307070382 Discusses near-term design improvements identified in 790416 meeting w/ACRS. Mods will provide operators w/more positive indication of PORV position & saturated temp condition indicator for RCS.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DENTON, H.R. :Office of Nuclear Reactor Regulation, Director  
DATE ISS:79/04/26, 1p. ,48X:19341-109,ODI:GPU 0534 ,TN:GB01 NOT REVIEWED
- 8307070423 Transcript of 790605 press conference re TMI before, during & after 790328 accident. Pp 1-108A.  
\* :Babcock & Wilcox Co.  
:  
DATE ISS:79/07/05, 112pp. ,48X:19341-127,ODI:GPU 0539 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070444 Requests input, providing instructions to operators re actions to be taken to maintain plant safety, per 791206 meeting. Instructions should be integrated into operator training program.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
PEARSON, R.G. :Affiliation Unknown  
DATE ISS:79/12/10, 2pp. ,48X:19341-255, ODI:GPU 0542 ,TN:GB01 1.2

8307070447 Forwards surveillance instructions sent to customers re previous PORV failures.  
  
HALLMAN, D.F. :Babcock & Wilcox Co.  
MULLIN, J.G. :Babcock & Wilcox Co.  
DATE ISS:79/09/10, 9pp. ,48X:19341-257, ODI:GPU 0544 ,TN:GB01 IRRELEVANT

8307070453 Rev 2 to Policies & Procedures NPG-0504-13, "Preparation of Site Support Documents."  
  
\* :Babcock & Wilcox Co.  
: :  
DATE ISS:77/06/01, 18pp. ,48X:19341-268, ODI:GPU 0546 ,TN:GB01 IRRELEVANT

8307070518 Plant operations exam. Simulator training evaluation encl.  
  
\* :Babcock & Wilcox Co.  
: :  
DATE ISS:74/11/03, 11pp. ,48X:19342-001, ODI:GPU 0563 ,TN:GB01 1.11

8307070526 Simulator training documentation for Met Ed, 790115-19. Classroom schedule encl.  
  
\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/01/19, 8pp. ,48X:19342-050, ODI:GPU 0568 ,TN:GB01 1.11

8307070529 Lists personnel who completed 3 days of 1 wk operator training course on B&W nuclear power plant simulator. Simulator training sheet & classroom schedule encl.  
  
LIND, J.A. :Babcock & Wilcox Co.  
ZECHMAN, D. :Metropolitan Edison Co.  
DATE ISS:79/04/03, 3pp. ,48X:19342-058, ODI:GPU 0569 ,TN:GB01 1.11

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120798 Suppl RO NP-32-77-16: on 770924, series of events occurred, resulting in depressurization of primary sys from normal pressure. Caused by steam feedwater rupture control sys spurious half trip.

MURRAY, T.D. : Toledo Edison Co.

KEPPLER, J.G. : Region 3, Office of Director

DATE ISS: 77/11/14, 58pp. , 48X: 19494-103, ODI: GPU 2006 , TN: GB01

NOT REVIEWED

8307120796 Rev 1 to Operating Procedure 1202.04, "Reactor Trip."

\* : General Public Utilities - GPU Service Corp.

DATE ISS: 72/10/09, 5pp. , 48X: 19502-343, ODI: GPU 2022 , TN: GB01

NOT REVIEWED

8307120804 Lists items discusses at B&W Uses Group Nov 1977 meeting.

MILLER, G.P. : Metropolitan Edison Co.

ROGERS, L.C. : Metropolitan Edison Co.

DATE ISS: 77/11/16, 2pp. , 48X: 19502-352, ODI: GPU 2024 , TN: GB01

NOT REVIEWED

8307070292 Speech entitled "B&W Capabilities & Experience Supporting Plant Startup, Operations & Maint," presented at 780306-07 nuclear operating experience seminar in Hershey, PA.

BAKER, R.J. : Babcock & Wilcox Co.

DATE ISS: 78/03/06, 37pp. , 48X: 19338-118, ODI: GPU 2027 , TN: GB01

NOT REVIEWED

8307080013 "Selection and Training of Nuclear Power Plant Personnel."

\* : American Nuclear Society

DATE ISS: 71/03/08, 15pp. , 48X: 19338-179, ODI: GPU 2055 , TN: GB01

NOT REVIEWED

8307120952 Operator License OP-3614 for WH Zewe at DPR-50.

COLLINS, P.F. : Atomic Energy Commission, Directorate of Licensing

DATE ISS: 74/08/08, 2pp. , 48X: 19503-188, ODI: GPU 2060 , TN: GB01

NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120942 "Shift Supervisor Training Program."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:77/03/22, 7pp. ,48X:19503-194,ODI:GPU 2061 ,TN:GB01 NOT REVIEWED

8307080016 Forwards revised, "Shift Foreman Development Program,"  
incorporating requested changes.

ROSS,M.J. :Metropolitan Edison Co.  
LAWYER,L.L. :Metropolitan Edison Co.  
DATE ISS:78/01/27, 15pp. ,48X:19338-194,ODI:GPU 2062 ,TN:GB01 NOT REVIEWED

8307120945 Forwards training evaluation & training summary for listed  
individuals for simulator training (short course).

STOLL,G. :Babcock & Wilcox Co.  
KLINGMAN,R.M. :Metropolitan Edison Co.  
DATE ISS:74/01/15, 21pp. ,48X:19503-201,ODI:GPU 2063 ,TN:GB01 NOT REVIEWED

8307080017 Transcript of President's Commission on Accident at TMI  
third meeting on 790530 in Washington,DC.Pp 1-210.W/o  
Pp 5-112.

\* :President's Commission on the Accident at Three Mile Island  
:  
DATE ISS:79/05/30, 102pp. ,48X:19338-209,ODI:GPU 2069 ,TN:GB01 NOT REVIEWED

8307110335 Requests ack,by initialing encl sign off sheet,of review &  
understanding of small break LOCA procedure changes.

FLOYD,J.R. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:78/05/10, 3pp. ,48X:19483-317,ODI:GPU 2074 ,TN:GB01 NOT REVIEWED

8307110337 Forwards results summary of 1978-79 requal written exam,for  
info.Post-oral packages forwarded to individuals having two  
or more categories less than 80%.

BEERS,M.L. :Metropolitan Edison Co.  
MILLER,G.P. :Metropolitan Edison Co.  
DATE ISS:79/05/01, 6pp. ,48X:19483-320,ODI:GPU 2075 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110342 Application by WH Zewe for hot reactor operator license. Prof  
qualifications encl.

ZEW, W.H. : Metropolitan Edison Co.  
COLLINS, P.F. : Atomic Energy Commission, Directorate of Licensing  
DATE ISS: 74/05/20, 6pp. , 48X: 19483-326, ODI: GPU 2076 , TN: GB01

NOT REVIEWED

8307110344 Application by WH Zewe for senior reactor operator license.

ZEW, W.H. : Metropolitan Edison Co.  
COLLINS, P.F. : Atomic Energy Commission, Directorate of Licensing  
DATE ISS: 75/07/10, 4pp. , 48X: 19483-332, ODI: GPU 2077 , TN: GB01

NOT REVIEWED

8307110345 Application by WH Zewe for senior reactor operator license.

ZEW, W.H. : Metropolitan Edison Co.  
COLLINS, P.F. : Operator Licensing Branch  
DATE ISS: 77/07/05, 4pp. , 48X: 19483-336, ODI: GPU 2078 , TN: GB01

NOT REVIEWED

8307120884 Forwards work completed in May 1979, investigating methods  
of detecting operation of PORV.

ROBERTS, R.C. : Babcock & Wilcox Co.  
: Babcock & Wilcox Co.  
DATE ISS: 79/06/11, 23pp. , 48X: 19499-319, ODI: GPU 2097 , TN: GB01

NOT REVIEWED

8307080071 Forwards IE Insp Repts 50-289/78-23 & 50-320/78-36 on  
781204-08 & 12-14 & notice of violation.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 79/01/09, 2pp. , 48X: 19358-066, ODI: GPU 2103 , TN: GB01

NOT REVIEWED

8307080372 "Investigation of TMI-2 Pressurizer PORV Discharge Pipe  
Temps."

SHELL, J.P. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 80/02/28, 52pp. , 48X: 19339-154, ODI: GPU 2109 , TN: GB01

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120913 "Integrated Control Sys Response Characteristics Training  
Manual Book 50."

FREDERICK, E.R. :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/12, 164pp. ,48X:19499-355,ODI:GPU 2151 ,TN:GB01

NOT REVIEWED

8307080388 Forwards simulator training summary sheet for operators  
completing 1-wk training course on 770610, including  
ML Beers, ER Frederick, JR Conadom, AW Miller, CO Adams & JL  
Seelinger.

STREET, B.W. :Babcock & Wilcox Co.

TSAGGARIS, L. :Metropolitan Edison Co.

DATE ISS:77/06/14, 4pp. ,48X:19339-211,ODI:GPU 2153 ,TN:GB01

NOT REVIEWED

8307080459 Operator attendance data listings & training program forms.

\* :Metropolitan Edison Co.

DATE ISS:78/12/31, 178pp. ,48X:19356-001,ODI:GPU 2154 ,TN:GB01

NOT REVIEWED

8307120921 Vol 9 to FSAR for TMI Unit 2.

\* :Metropolitan Edison Co.

DATE ISS:83/07/12, 5pp. ,48X:19500-172,ODI:GPU 2155 ,TN:GB01

NOT REVIEWED

8307050403 Revised Chapter 13 to FSAR, "Conduct of Operations."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:78/04/07, 67pp. ,48X:19230-001,ODI:GPU 2156 ,TN:GB01

NOT REVIEWED

8307050420 Requalification program, "Category Review."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/12/31, 59pp. ,48X:19230-167,ODI:GPU 2158 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050424 "Svs Training."

\* :Babcock & Wilcox Co.  
: DATE ISS:74/09/24, 161pp. ,48X:19230-226,ODI:GPU 2163 ,TN:GB01 NOT REVIEWED

8307050429 Listing of Generation Div resume for request period 810101-0601.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:81/06/23, 3pp. ,48X:19231-027,ODI:GPU 2166 ,TN:GB01 NOT REVIEWED

8307050434 Comments on 780816 meeting w/J. Holman of NRC re operator licensing exam. Operator Licensing Branch will only be able to come to plant twice each yr. due to shortage of manpower. More visits by request if required.

O'HANLON, J.P. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:78/08/18, 1p. ,48X:19231-030,ODI:GPU 2167 ,TN:GB01 NOT REVIEWED

8307050437 Listing of Generator Div resume for request period 770301 - 780321.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/03/23, 4pp. ,48X:19231-031,ODI:GPU 2168 ,TN:GB01 NOT REVIEWED

8307050442 Administrative form listing attendees of training course in Unit 1 requalification.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/02/28, 2pp. ,48X:19231-035,ODI:GPU 2169 ,TN:GB01 NOT REVIEWED

8307050447 Forwards schedule for requalification program for period 780508-0611.

GOODMAN, D.A. :Metropolitan Edison Co.  
FLOYD, J.R. :Metropolitan Edison Co.  
DATE ISS:78/04/11, 3pp. ,48X:19231-037,ODI:GPU 2171 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050454 Requests that each shift foreman review EP12 02 - 2&2A,  
"Station Blackout" & "Station Blackout W/Loss of Diesel  
Generators," w/shift.Encl ltr re Indian Point Unit 3 770713  
trip forwarded for review & info.  
O'HANLON, J.P. :Metropolitan Edison Co.  
FLOYD, J.R. :Metropolitan Edison Co.  
DATE ISS:77/07/22, 5pp. ,48X:19231-040,ODI:GPU 2172 ,TN:GB01 NOT REVIEWED

8307050461 Administrative forms listing attendees of training course in  
cold license training.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:76/03/29, 13pp. ,48X:19231-045,ODI:GPU 2173 ,TN:GB01 NOT REVIEWED

8307050494 Exam rept for operator license issued for ER Frederick  
written exam dtd 770817.Operating test administered 770914.

\* : Operator Licensing Branch  
:  
DATE ISS:77/10/17, 1p. ,48X:19231-208,ODI:GPU 2181 ,TN:GB01 NOT REVIEWED

8307050499 Authorizes release of all info in NRC files re NRC reactor  
operator license written & oral exam results for FOIA  
request.

FREDERICK, E.R. :Metropolitan Edison Co.  
: Division of Rules and Records  
DATE ISS:79/11/30, 84pp. ,48X:19231-209,ODI:GPU 2182 ,TN:GB01 NOT REVIEWED

8307070173 "Auxiliary Operators A Nuclear Training Program,730409-  
1010."

\* :Metropolitan Edison Co.  
:  
DATE ISS:73/10/10, 12pp. ,48X:19372-206,ODI:GPU 2242 ,TN:GB01 NOT REVIEWED

8307070251 Provides list of recommended changes to shift supervisor  
development program, in light of NRC exams.

HITZ, G.R. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:77/08/18, 13pp. ,48X:19372-270,ODI:GPU 2249 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307130051 "Nuclear Power Preparatory Training, Core Performance 4,  
Heat Transfer & Heat Generation."

\* :NUS Corp.  
:;  
DATE ISS:69/12/31, 4pp. ,48X:19497-236,ODI:GPU 2250 ,TN:GB01 NOT REVIEWED

8307050272 Rev 2 to Administrative Procedure 1006 "Operator  
Requalification Program."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:77/04/11, 17pp. ,48X:19222-079,ODI:GPU 2251 ,TN:GB01 NOT REVIEWED

8307050273 "Operator Requalification Program."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:78/04/07, 8pp. ,48X:19222-096,ODI:GPU 2252 ,TN:GB01 NOT REVIEWED

8307050276 Speech entitled "NRC Review of Licensed Operator  
Requalification Programs for Nuclear Power Plants,"  
presented at 8th Biennial Topical Conference on Reactor  
Operating Experience 770807-10 meeting in Chattanooga, TN.  
COOLEY, R.A. : Operator Licensing Branch

:;  
DATE ISS:77/08/07, 16pp. ,48X:19222-104,ODI:GPU 2253 ,TN:GB01 NOT REVIEWED

8307060591 Chart describing personnel positions from 1975-1979.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/12/31, 1p. ,48X:19372-166,ODI:GPU 2260 ,TN:GB01 NOT REVIEWED

8307060596 Chart describing auxiliary operator mode of progression.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/07/05, 1p. ,48X:19372-167,ODI:GPU 2261 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307060600 Training program for 1977.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:77/12/31, 8pp. ,48X:19372-168,ODI:GPU 2262 ,TN:GB01 NOT REVIEWED

8307070018 Forwards schedule for lesson plan completion on Unit 2 sys.

TSAGGARIS,A. :Metropolitan Edison Co.  
FLOYD,J. :Metropolitan Edison Co.  
DATE ISS:76/08/02, 9pp. ,48X:19372-181,ODI:GPU 2265 ,TN:GB01 NOT REVIEWED

8307070027 Provides list of procedures scheduled to be simulated on each shift.

KUNDER,G.A. :Metropolitan Edison Co.  
TSAGGARIS,L. :Metropolitan Edison Co.  
DATE ISS:76/07/29, 3pp. ,48X:19372-189,ODI:GPU 2266 ,TN:GB01 NOT REVIEWED

8307070042 Discusses status of present auxiliary operator program & training proposals.

TSAGGARIS,A. :Metropolitan Edison Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:76/05/17, 5pp. ,48X:19372-194,ODI:GPU 2268 ,TN:GB01 NOT REVIEWED

8307070049 Generation Div-TMI Station Resumes.Pp 643-644.

\* :Metropolitan Edison Co.  
: :  
DATE ISS:81/06/23, 2pp. ,48X:19372-199,ODI:GPU 2269 ,TN:GB01 NOT REVIEWED

8307070055 Generation Div-TMI Station Resumes.Pp 509-510.

\* :Metropolitan Edison Co.  
: :  
DATE ISS:81/06/23, 2pp. ,48X:19372-201,ODI:GPU 2270 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070169 Generation Div-TMI Station Resumes.Pp 342-344.

\* :Metropolitan Edison Co.  
: DATE ISS:81/06/23, 3pp. ,48X:19372-203,ODI:GPU 2271 ,TN:GB01 NOT REVIEWED

8307070217 Auxiliary operator nuclear training program for Group 4.

\* :Metropolitan Edison Co.  
: DATE ISS:74/08/31, 17pp. ,48X:19372-218,ODI:GPU 2273 ,TN:GB01 NOT REVIEWED

8307070221 Special instructions for training program.

ZEW, W. :Metropolitan Edison Co.  
: DATE ISS:72/12/31, 6pp. ,48X:19372-235,ODI:GPU 2274 ,TN:GB01 NOT REVIEWED

8307070243 Notifies that as part of Unit 2 control room operator partial training, Unit 2 control room operators have been assigned to work in Unit 1 control room from 751201-760116.

KUNDER, G.A. :Metropolitan Edison Co.  
SEELINGER, J. :Metropolitan Edison Co.  
DATE ISS:75/11/17, 2pp. ,48X:19372-264,ODI:GPU 2277 ,TN:GB01 NOT REVIEWED

8307070247 Forwards results of Unit 2 770413-14 progress exam & comparisons w/results of first exam.

GOODMAN, D.A. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:77/05/02, 4pp. ,48X:19372-266,ODI:GPU 2278 ,TN:GB01 NOT REVIEWED

8307070262 Forwards schedule to be followed for implementation of co-shift STS program for Unit 2 operations personnel.

BOLTZ, D.J. :Metropolitan Edison Co.  
MILLER, J.P. :Metropolitan Edison Co.  
DATE ISS:77/03/31, 3pp. ,48X:19372-283,ODI:GPU 2280 ,TN:GB01 NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070266 Requests approval to formally ask G Hitz to participate in  
shift supervisor training program to prepare for license.

MILLER,G.P. :Metropolitan Edison Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:77/03/22, 6pp. ,48X:19372-286,ODI:GPU 2281 ,TN:GB01 NOT REVIEWED

8307070271 Plant operations training,classroom & control room  
schedules.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:76/01/08, 15pp. ,48X:19372-292,ODI:GPU 2282 ,TN:PB01 NOT REVIEWED

8307070276 Forwards grade sheets for various exams given in second  
part of Unit 2 control room operator program.

ZECHMAN,R.W. :Metropolitan Edison Co.  
PERKS,W.E. :Metropolitan Edison Co.  
DATE ISS:75/12/07, 16pp. ,48X:19372-307,ODI:GPU 2283 ,TN:GB01 NOT REVIEWED

8307070283 "Category IV Containment Reactor Operator Study Assignment  
Sheets."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:79/06/08, 55pp. ,48X:19372-323,ODI:GPU 2284 ,TN:GB01 NOT REVIEWED

8307070289 Generation Div - TMI Station Resumes.Pp 168-169.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:81/06/23, 2pp. ,48X:19373-016,ODI:GPU 2285 ,TN:GB01 NOT REVIEWED

8307070307 "TMI Training Programs,1977."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:77/12/31, 17pp. ,48X:19373-088,ODI:GPU 2289 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070311 Discusses training dept orientation program &  
requalification exams.

ZECHMAN,R.W. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:79/03/08, 6pp. ,48X:19373-105,ODI:GPU 2290 ,TN:GB01 NOT REVIEWED

8307070319 Forwards schedule for Unit 2 prelicense training course.

GOODMAN,D.A. :Metropolitan Edison Co.  
BENSEL,R.W. :Metropolitan Edison Co.  
DATE ISS:77/07/08, 8pp. ,48X:19373-111,ODI:GPU 2291 ,TN:GB01 NOT REVIEWED

8307070325 Submits results of first weekly exam at simulator.

\* :Metropolitan Edison Co.  
FLOYD,J. :Metropolitan Edison Co.  
DATE ISS:77/01/18, 2pp. ,48X:19373-119,ODI:GPU 2292 ,TN:GB01 NOT REVIEWED

8307070332 Provides list of matl to be covered during written  
comprehensive exam for cold license.

ZECHMAN,R.W. :Metropolitan Edison Co.  
NEUMANN,D. :Metropolitan Edison Co.  
DATE ISS:77/01/27, 2pp. ,48X:19373-121,ODI:GPU 2293 ,TN:GB01 NOT REVIEWED

8307070336 Provides list of sys already covered in containment reactor  
operator & cross-license program.

TSAGGARIS,A. :Metropolitan Edison Co.  
FLOYD,J. :Metropolitan Edison Co.  
DATE ISS:76/10/29, 1p. ,48X:19373-123,UDI:GPU 2294 ,TN:GB01 NOT REVIEWED

8307070341 Forwards outline of 2-wk course to begin 760517 to prepare  
operators for final written exam.

TSAGGARIS,A. :Metropolitan Edison Co.  
MILLER,G.P. :Metropolitan Edison Co.  
DATE ISS:76/05/05, 3pp. ,48X:19373-124,ODI:GPU 2295 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070376 Discusses requalification training program.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:79/01/08, 2pp. ,48X:19373-162, ODI:GPU 2302 ,TN:GB01 NOT REVIEWED

8307070402 Power plant exam results summary sheets.

\* :NRC - No Detailed Affiliation Given  
: :  
DATE ISS:78/11/17, 7pp. ,48X:19373-168, ODI:GPU 2305 ,TN:GB01 NOT REVIEWED

8307130076 "Spec for Nuclear Power Plant Training Simulator."

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:69/01/15, 263pp. ,48X:19497-249, ODI:GPU 2310 ,TN:GB01 NOT REVIEWED

8307110736 Discusses B&W requalification training program.

ELLIOTT, M.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:79/01/06, 2pp. ,48X:19482-181, ODI:GPU 2321 ,TN:GB01 NOT REVIEWED

8307110738 Resume of RJ Marzec.

MARZEC, R.J. :Affiliation Unknown  
: :  
DATE ISS:83/07/09, 3pp. ,48X:19482-183, ODI:GPU 2322 ,TN:GB01 NOT REVIEWED

8307080028 "Training & Certification of Licensed Personnel."

\* :Metropolitan Edison Co.  
: :  
DATE ISS:79/07/18, 104pp. ,48X:19359-347, ODI:GPU 2323 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110749 B&W Simulator Model.

\* :Metropolitan Edison Co.  
: DATE ISS:83/07/09, 2pp. ,48X:19482-187,ODI:GPU 2329 ,TN:GB01 NOT REVIEWED

8307080106 Transcript of 820428 rept of Special Master re reopened  
restart proceeding.Pp 1-196.

\* :Atomic Safety and Licensing Board Panel  
: DATE ISS:82/04/28, 201pp. ,48X:19360-144,ODI:GPU 2334 ,TN:GB01 NOT REVIEWED

8307080115 Power plant exam results summary sheets.

\* :Metropolitan Edison Co.  
: DATE ISS:83/07/07, 59pp. ,48X:19360-345,ODI:GPU 2335 ,TN:GB01 NOT REVIEWED

8307080133 Discusses Category IV control room operator training  
program.

TSAGGARIS,A. :Metropolitan Edison Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:76/02/20, 19pp. ,48X:19361-073,ODI:GPU 2337 ,TN:GB01 NOT REVIEWED

8307120619 Offer of proof for record on various points re R Marzec  
proposed testimony but excluded by court concerning TMI  
operator actions concerning HPI.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 6pp. ,48X:19495-146,ODI:GPU 2349 ,TN:GB01 NOT REVIEWED

8307080260 Forwards schedule & simulator training summary sheet for  
B Kemper.

ELLIOTT,N.S. :Babcock & Wilcox Co.  
KANE,E.R. :Babcock & Wilcox Co.  
DATE ISS:80/02/29, 1p. ,48X:19361-163,ODI:GPU 2419 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080265 Provides list of personnel who have completed 2-wk operator training course on B&W nuclear power plant simulator. Simulator training summary sheet for each individual encl.

LIND, J.A. :Babcock & Wilcox Co.  
GRIFFITH, P. :Florida Power & Light Co.  
DATE ISS:80/01/08, 4pp. ,48X:19361-164, ODI:GPU 2420 ,TN:GB01

NOT REVIEWED

8307080276 "Nuclear Operator Requalification, Simulator & Classroom Approach."

ELLIOTT, N.S. :Babcock & Wilcox Co.  
DATE ISS:83/07/06, 8pp. ,48X:19361-180, ODI:GPU 2422 ,TN:GB01

NOT REVIEWED

8307080295 Discusses top 10 lessons learned from Unit 2 accident.

KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/11, 4pp. ,48X:19361-217, ODI:GPU 2426 ,TN:GB01

NOT REVIEWED

8307080483 "Emergency & Abnormal Procedures Quiz - Senior Reactor Operator."

KUNDER, S.A. :General Public Utilities - GPU Service Corp.  
DATE ISS:76/10/20, 3pp. ,48X:19361-313, ODI:GPU 2456 ,TN:GB01

NOT REVIEWED

8307080487 "Emergency & Abnormal Procedures Quiz - Senior Reactor Operator."

KUNDER, G. :General Public Utilities - GPU Service Corp.  
DATE ISS:77/01/09, 8pp. ,48X:19361-316, ODI:GPU 2457 ,TN:GB01

NOT REVIEWED

8307080506 Lists personnel who have completed 1 wk operator training course on B&W nuclear power plant simulator. Individual summary sheets encl.

LIND, J.A. :Babcock & Wilcox Co.  
ZECHMAN, D. :Metropolitan Edison Co.  
DATE ISS:79/01/22, 4pp. ,48X:19361-343, ODI:GPU 2460 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080515 "Simulator Training."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:78/01/25, 7pp. ,48X:19361-347,ODI:GPU 2461 ,TN:GB01 NOT REVIEWED

8307080520 Forwards IE Insp Rept 50-289/79-06 on 790221-23 & 26-28.No  
noncompliance noted.

BRUNNER,E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Suppor  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:79/03/21, 2pp. ,48X:19361-356,ODI:GPU 2462 ,TN:GB01 NOT REVIEWED

8307080732 Rev 0 to Policy NPC-0151-850, "Objectives &  
Responsibilities - Nuclear Svc."

MACMILLAN,J. :Babcock & Wilcox Co.  
:;  
DATE ISS:75/12/11, 2pp. ,48X:19491-160,ODI:GPU 2514 ,TN:GB01 NOT REVIEWED

8307120647 Responses to Questions 3 & 4 re operating procedures for  
loss of feed,loss of reactor coolant/loss of reactor  
coolant pressure & reactor trip.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/07/11, 7pp. ,48X:19495-180,ODI:GPU 2619 ,TN:GB01 NOT REVIEWED

8307090007 Summary of 790416 meeting re operational limits which should  
govern operator actions to secure or terminate HPI.

CARTIN,L.R. :Babcock & Wilcox Co.  
BRAZILL,G.J. :Babcock & Wilcox Co.  
DATE ISS:79/04/18, 4pp. ,48X:19491-348,ODI:GPU 2707 ,TN:GB01 NOT REVIEWED

8307120642 "Hours of Lecture or Lecture Equivalent Required in FSAR.  
Cycle 5:Mar 1978 - Mar 1979."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:83/07/12, 2pp. ,48X:19504-349,ODI:GPU 3030 ,TN:GB01 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120645 "Thirty Hours Classroom Attendance Required in FSAR.Cycle  
5:Mar 1978 - Mar 1979," chart.

\* :Metropolitan Edison Co.  
:

DATE ISS:83/07/12, 2pp. ,48X:19504-351,ODI:GPU 3031 ,TN:GB01

NOT REVIEWED

8307050411 Transcript of BM Dunn 790630 deposition.Pp 30-34,43-45,47,  
52-55,65-66,69-75,78,81-82 & 98-99.

DUNN,B.M. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/06/30, 29pp. ,48X:19232-185,ODI:GPU 6021 ,TN:GB01

NOT REVIEWED

8307050419 Transcript of BM Dunn 790702 deposition.Pp 104-105,157,  
164-167,169,171-172,175-176,179-182,199,203-206,208-212 &  
219-220.

DUNN,B.M. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/07/02, 30pp. ,48X:19232-214,ODI:GPU 6022 ,TN:GB01

NOT REVIEWED

8307050426 Transcript of NS Elliott 790705 deposition.Pp 78-82,146-147,  
156-157 & 159-167.

\* :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/07/05, 19pp. ,48X:19232-251,ODI:GPU 6024 ,TN:GB01

NOT REVIEWED

8307050431 Transcript of NS Elliott 791017 deposition.Pp 9-10,13-15,  
17-19 & 22-28.

ELLIOTT,N.S. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/10/17, 16pp. ,48X:19232-270,ODI:GPU 6025 ,TN:GB01

NOT REVIEWED

8307050476 Transcript of JJ Kelly 790707 deposition.Pp 6,9-11,13-15,  
21-22,25-29,34-41 & 44.

KELLY,J.J. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/07/07, 25pp. ,48X:19233-145,ODI:GPU 6033 ,TN:GB01

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070185 Partial deposition of EA Womack on 790630.

WOMACK, E.A. :Babcock & Wilcox Co.

DATE ISS:79/06/30, 30pp. ,48X:19357-116,ODI:GPU 6054 ,TN:GB01

NOT REVIEWED

8307070234 Partial transcript of IE TMI investigation interview of  
C Faust on 790421.

FAUST, C. :General Public Utilities - GPU Service Corp.

DATE ISS:79/04/21, 82pp. ,48X:19357-289,ODI:GPU 6059A ,TN:GB01

NOT REVIEWED

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OUT OF SEQUENCE EXHIBITS

8307050366 Transcript of Zewe 790919 testimony.

ZEWE, :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/19, 2pp. ,48X:19232-067,ODI:GPU 6003 AA ,TN:GB01

1.2



CATEGORY 2  
TRIAL TESTIMONY

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290419 Transcript of 821101 trial between util & B&W in  
New York, NY. Pp 1-189.

\* :U.S. District Court, Southern District of New York  
:;  
DATE ISS:82/11/01, 189pp. ,48X:19022-001,ODI: ,TN:GB02

2.5

8307260457 Testimony of M Derivan on 821103 in New York, NY. Pp 397-537.

DERIVAN, M. :Toledo Edison Co.  
:;  
DATE ISS:82/11/03, 140pp. ,48X:19023-036,ODI: ,TN:GB02

NOT REVIEWED

8306290407 Testimony of MJ Derivan on 821104 in New York, NY. Pp 538-687.

DERIVAN, M. J. :Toledo Edison Co.  
:;  
DATE ISS:82/11/04, 150pp. ,48X:19023-176,ODI: ,TN:GB02

NOT REVIEWED

8306290671 Testimony of BM Dunn on 830120 in New York, NY. Pp 7,289-  
7,424.

DUNN, B. M. :Babcock & Wilcox Co.  
:;  
DATE ISS:83/01/20, 136pp. ,48X:19041-313,ODI: ,TN:GB02

NOT REVIEWED

8307260610 Testimony of ER Frederick on 821202 in New York, NY. Pp 3,181-  
3,215.

FREDERICK, E. R. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/12/02, 35pp. ,48X:19030-169,ODI: ,TN:GB02

NOT REVIEWED

8306290499 Testimony of ER Frederick on 821206 in New York, NY. Pp 3,216-  
3,377.

FREDERICK, E. R. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/12/06, 161pp. ,48X:19030-204,ODI: ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290502 Testimony of ER Frederick on 821207 in New York, NY. Pp 3,378-3,559.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/07, 181pp. , 4RX: 19031-004, ODI: , TN: GB02

NOT REVIEWED

8306290541 Testimony of ER Frederick on 821208 in New York, NY. Pp 3,560-3,733.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/08, 174pp. , 4RX: 19031-186, ODI: , TN: GB02

NOT REVIEWED

8306290543 Testimony of ER Frederick on 821209 in New York, NY. Pp 3,734-3,906.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/09, 172pp. , 4RX: 19031-361, ODI: , TN: GB02

NOT REVIEWED

8306290557 Testimony of ER Frederick on 821210 in New York, NY. Pp 3,907-3,989.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/10, 83pp. , 4RX: 19032-173, ODI: , TN: GB02

NOT REVIEWED

8306290560 Testimony of ER Frederick on 821213 in New York, NY. Pp 3,990-4085.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/13, 97pp. , 4RX: 19032-257, ODI: , TN: GB02

NOT REVIEWED

8306290437 Testimony of DF Hallman on 821112 in New York, NY. Pp 1,267-1,337.

HALLMAN, D.F. : Babcock & Wilcox Co.

DATE ISS: 82/11/12, 71pp. , 4RX: 19025-183, ODI: , TN: GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290440 Testimony of DF Hallman on 821115 in New York, NY. Pd 1,338-1395.

HALLMAN, D.F. :Babcock & Wilcox Co.

DATE ISS:82/11/15, 68pp. ,48X:19025-254,001: ,TN:GB02

NOT REVIEWED

8307260388 Testimony of J Herbein on 830118 in New York, NY. Pd 7,095-7,123.

HERBEIN, J. :General Public Utilities - GPU Service Corp.

DATE ISS:83/01/18, 29pp. ,48X:19041-118,001: ,TN:GB02

NOT REVIEWED

8307260429 Testimony of E Kane on 821214 in New York, NY. Pd 4,370-4,388.

KANE, E. :Babcock & Wilcox Co.

DATE ISS:82/12/14, 19pp. ,48X:19033-276,001: ,TN:GB02

NOT REVIEWED

8306290617 Testimony of E Kane on 821215 in New York, NY. Pd 4,389-4,414.

KANE, E. :Babcock & Wilcox Co.

DATE ISS:82/12/15, 27pp. ,48X:19695-078,001: ,TN:GB02

NOT REVIEWED

8307260277 Testimony of BA Karrasch on 821115 in New York, NY. Pd 1,396-1,454.

KARRASCH, B.A. :Babcock & Wilcox Co.

DATE ISS:82/11/15, 69pp. ,48X:19025-312,001: ,TN:GB02

NOT REVIEWED

8306290589 Testimony of RT Lahey on 821221 in New York, NY. Pd 5,103-5,203.

LAHEY, R.T. :Rensselaer Polytechnic Inst.

DATE ISS:82/12/21, 101pp. ,48X:19035-290,001: ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290591 Testimony of RT Lahey on 821222 in New York, NY. Pp 5,280-  
5,370.

LAHEY, R.T. : Rensselaer Polytechnic Inst.

:  
DATE ISS: 82/12/22, 91pp. , 48X: 19036-105, ODI: , TN: GB02

NOT REVIEWED

8306290630 Testimony of RJ Marzec on 830105 in New York, NY. Pp 5,950-  
6,081.

MARZEC, R.J. : Duke Power Co.

:  
DATE ISS: 83/01/05, 132pp. , 48X: 19038-053, ODI: , TN: GB02

NOT REVIEWED

8306290634 Testimony of RJ Marzec on 830106 in New York, NY. Pp 6,082-  
6,232.

MARZEC, R.J. : Duke Power Co.

:  
DATE ISS: 83/01/06, 151pp. , 48X: 19038-186, ODI: , TN: GB02

NOT REVIEWED

8306290638 Testimony of RJ Marzec on 830107 in New York, NY. Pp 6,233-  
6,359.

MARZEC, R.J. : Duke Power Co.

:  
DATE ISS: 83/01/07, 127pp. , 48X: 19038-337, ODI: , TN: GB02

NOT REVIEWED

8306290642 Testimony of RJ Marzec on 830110 in New York, NY. Pp 6,379-  
6,481.

MARZEC, R.J. : Duke Power Co.

:  
DATE ISS: 83/01/10, 103pp. , 48X: 19039-121, ODI: , TN: GB02

NOT REVIEWED

8307260613 Testimony of C Michelson on 821223 in New York, NY. Pp 5,481-  
5,588.

MICHELSON, C. : Director's Office

:  
DATE ISS: 82/12/23, 108pp. , 48X: 19036-308, ODI: , TN: GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307260071 Testimony of C Michelson on 830104 in New York, NY. Pp 5,912-5921.

MICHELSON, C. : Director's Office

DATE ISS: 83/01/04, 10pp. , 48X: 19038-015, ODI: , TN: GB02

NOT REVIEWED

8307260427 Testimony of J Phinney on 821214 in New York, NY. Pp 4,263-4,283.

PHINNEY, J. : Babcock & Wilcox Co.

DATE ISS: 82/12/14, 21pp. , 48X: 19033-169, ODI: , TN: GB02

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8307210407 Testimony of L Rogers on 821212. Pp 5371-5446.

ROGERS, L. : Babcock & Wilcox Co.

DATE ISS: 82/12/12, 76pp. , 48X: 19695-001, ODI: , TN: GB02

NOT REVIEWED

8306290624 Testimony of L Rogers on 821223 in New York, NY. Pp 5,447-5,481.

ROGERS, L. : Babcock & Wilcox Co.

DATE ISS: 82/12/23, 36pp. , 48X: 19036-273, ODI: , TN: GB02

NOT REVIEWED

8306290575 Testimony of TF Scott on 821214 in New York, NY. Pp 4,179-4,217.

SCOTT, T.F. : Babcock & Wilcox Co.

DATE ISS: 82/12/14, 40pp. , 48X: 19696-246, ODI: , TN: GB02

2.5

8307260447 Testimony of Sieglitz on 830103 in New York, NY. Pp 5,701-5,753.

SIEGLITZ, R. : General Public Utilities - GPU Service Corp.

DATE ISS: 83/01/03, 53pp. , 48X: 19037-166, ODI: , TN: GB02

2.5

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290637 Testimony of R Sieglitz on 830104 in New York, NY. Pp 5,754-5911.

SIEGLITZ, R. : General Public Utilities - GPU Service Corp.

DATE ISS: 83/01/04, 147pp. , 48X: 19037-219, ODI: , TN: GB02

IRRELEVANT

8307260585 Testimony of E Swanson on 821215 in New York, NY. Pp 4,415-4,486.

SWANSON, E. : Babcock & Wilcox Co.

DATE ISS: 82/12/15, 70pp. , 48X: 19033-322, ODI: , TN: GB02

IRRELEVANT

8307260575 Testimony of J Taylor on 821109 in New York, NY. Pp 964-1,030.

TAYLOR, J. : Babcock & Wilcox Co.

DATE ISS: 82/11/09, 67pp. , 48X: 19024-241, ODI: , TN: GB02

2.5

8307260176 Testimony of EA Womack on 821216 in New York, NY. Pp 4,612-4,662.

WOMACK, E. A. : Babcock & Wilcox Co.

DATE ISS: 82/12/16, 51pp. , 48X: 19034-157, ODI: , TN: GB02

2.5

8307260240 Testimony of WH Zewe on 821117 in New York, NY. Pp 1,792-1,875.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/17, 84pp. , 48X: 19026-347, ODI: , TN: GB02

2.5

8306290441 Testimony of WH Zewe on 821118 in New York, NY. Pp 1,876-2,039.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/18, 163pp. , 48X: 19027-069, ODI: , TN: GB02

2.5

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290450 Testimony of WH Zewe on 821119 in New York, NY. Pp 2,040-  
2,137. Pp 2,040-2,061 withheld.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
:   
DATE ISS: 82/11/19, 75pp. , 48X: 19027-233, ODI: , TN: GB02 2.5

8306290452 Testimony of WH Zewe on 821122 in New York, NY. Pp 2,138-  
2,311.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
:   
DATE ISS: 82/11/22, 173pp. , 48X: 19027-311, ODI: , TN: GB02 2.5

8306290453 Testimony of WH Zewe on 821123 in New York, NY. Pp 2,312-  
2,574.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
:   
DATE ISS: 82/11/23, 162pp. , 48X: 19028-123, ODI: , TN: GB02 2.5

8306290463 Testimony of WH Zewe on 821201 in New York, NY.  
Pp 2,924-3,040.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
:   
DATE ISS: 82/12/01, 116pp. , 48X: 19029-273, ODI: , TN: GB02 2.1, 2.2, 2.3, 2.4, 2.5,  
2.8

8306290472 Testimony of WH Zewe on 821202 in New York, NY. Pp 3,041-  
3,180.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
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DATE ISS: 82/12/02, 140pp. , 48X: 19030-029, ODI: , TN: GB02 2.5

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**CATEGORY 2  
DEPOSITIONS**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307150007 Deposition of J Albert on B20421 in New York, NY. Pp 1-162.

ALBERT, J. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/04/21, 162pp. , 48X: 19529-001, ODI: , TN: GBO2 NOT REVIEWED

8307110145 Deposition of RC Arnold on B20629 in New York, NY. Pp 1-287.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/29, 289pp. , 48X: 19489-024, ODI: , TN: GBO2 2.5

8307120735 Deposition of RC Arnold on B20630 in New York, NY. Pp  
146 & 224-228.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/30, 6pp. , 48X: 19495-291, ODI: B&W 4044 , TN: GBO2 2.5

8307120726 Continued deposition of RC Arnold on B20701 in New York, NY.  
Pp 288-471.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/07/01, 184pp. , 48X: 19465-070, ODI: , TN: GBO2 2.5

8306290855 Deposition of G Billingsley on B20218 in New York, N. Y.  
Pp 1-157.

BILLINGSLEY, G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/02/18, 159pp. , 48X: 19058-087, ODI: , TN: GBO2 2.4, 2.7

8306290859 Deposition of G Billingsley on B20219 in New York, N. Y.  
Pp 158-331.

BILLINGSLEY, G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/02/19, 173pp. , 48X: 19058-246, ODI: , TN: GBO2 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290862 Deposition of G Billingsley on 820225 in New York, N. Y.  
Pp 332-413.

BILLINGSLEY, G. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/02/25, 81pp. , 48X: 19059-058, ODI: , TN: GB02

NOT REVIEWED

8306290826 Deposition of ND Brown on 810721 in New York, N. Y. Pp 601-710.

BROWN, N. D. : Metropolitan Edison Co.

DATE ISS: 81/07/21, 111pp. , 48X: 19061-237, ODI: , TN: GB02

2.5

8306290962 Deposition of LR Cartin on 820413 in New York, NY. Pp 1-113.

CARTIN, L. R. : Babcock & Wilcox Co.

DATE ISS: 82/04/13, 113pp. , 48X: 19064-025, ODI: , TN: GB02

2.2, 2.5

8306290966 Deposition of LR Cartin on 820414 in New York, NY. Pp 114-214.

CARTIN, L. R. : Babcock & Wilcox Co.

DATE ISS: 82/04/14, 100pp. , 48X: 19064-140, ODI: , TN: GB02

2.5

8306290934 Deposition of AJ Dominguez on 820817 in New York. Pp 1-120.

DOMINGUEZ, A. J. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/08/17, 122pp. , 48X: 19065-133, ODI: , TN: GB02

2.7

8306290938 Deposition of BM Dunn on 810311 in New York, NY. Pp 1-133.

DUNN, B. M. : Babcock & Wilcox Co.

DATE ISS: 81/03/11, 133pp. , 48X: 19065-256, ODI: , TN: GB02

2.5

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290943 Deposition of BM Dunn on 810312 in New York, NY. Pp 134-261.

DUNN, B. M. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/03/12, 130pp. , 48X: 19066-028, ODI: , TN: 0B02 2.5

8306290949 Deposition of BM Dunn on 810313 in New York, NY. Pp 262-389.

DUNN, B. M. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/03/13, 129pp. , 48X: 19066-159, ODI: , TN: 0B02 2.5

8306290704 Deposition of F Faist on 820323 in New York, NY. Pp 1-137.  
Supporting documentation encl.

FAIST, F. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/03/23, 148pp. , 48X: 19072-052, ODI: , TN: 0B02 2.5

8306290713 Deposition of CC Faust on 810819 in New York, NY. Pp 129-412.

FAUST, C. C. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/08/19, 283pp. , 48X: 19072-331, ODI: , TN: 0B02 NOT REVIEWED

8307060447 Deposition of CC Faust on 810820 in New York, NY. Pp 276-412.

FAUST, C. C. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/08/20, 136pp. , 48X: 19301-291, ODI: , TN: 0B02 NOT REVIEWED

8306290701 Deposition of CC Faust on 810821 in New York, NY. Pp 413-566.

FAUST, C. C. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/08/21, 153pp. , 48X: 19073-275, ODI: , TN: 0B02 2.5

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290703 Deposition of CC Faust on 810924 in New York, NY. Pp 569-712.

FAUST, C. C. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/09/24, 143pp. , 48X: 19074-068, ODI: , TN: 6B02 2.4, 2.5

8306290705 Deposition of CC Faust on 810925 in 810925. Pp 713-898.

FAUST, C. C. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/09/25, 185pp. , 48X: 19074-212, ODI: , TN: 6B02 2.5, 2.7

8306290727 Deposition of JR Floyd on 820219 in New York, NY. Pp 160-293.  
Supporting documentation encl.

FLOYD, J. R. : Metropolitan Edison Co.  
: :  
DATE ISS: 82/02/19, 134pp. , 48X: 19076-241, ODI: , TN: 6B02 2.4, 2.5

8306290733 Deposition of JR Floyd on 820428 in New York, NY. Pp 294-422.

FLOYD, J. R. : Metropolitan Edison Co.  
: :  
DATE ISS: 82/04/28, 128pp. , 48X: 19077-014, ODI: , TN: 6B02 NOT REVIEWED

8306290736 Deposition of JR Floyd on 820429 in New York, NY. Pp 433-538.

FLOYD, J. R. : Metropolitan Edison Co.  
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8306290738 Deposition of JR Floyd on 820430 in New York, NY. Pp 529-626.

FLOYD, J. R. : Metropolitan Edison Co.  
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8306290717 Deposition of ER Frederick on B20505 in New York, NY.  
Pp 129-281.

FREDERICK, E. R. : Metropolitan Edison Co.

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8306290719 Deposition of ER Frederick on B20506 in New York, NY. Pp  
282-420.

FREDERICK, E. R. : Metropolitan Edison Co.

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8306290780 Deposition of ER Frederick on B20512 in New York, NY.  
Pp 775-883.

FREDERICK, E. R. : Metropolitan Edison Co.

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8306290786 Deposition of ER Frederick on B20513 in New York, NY.  
Pp 884-982.

FREDERICK, E. R. : Metropolitan Edison Co.

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8306290816 Deposition of C Goslow on B20107 in New York, NY. Pp 1-153.

GOSLOW, C. : Babcock & Wilcox Co.

DATE ISS: 82/01/07, 153pp. , 48X: 19082-185, ODI: , TN: 0802 NOT REVIEWED

8306290823 Deposition of C Goslow on B20108 in New York, NY. Pp 154-306.

GOSLOW, C. : Babcock & Wilcox Co.

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8306290828 Deposition of CE Goslow on 820112 in New York, NY. Pp 307-430.

GOSLOW, C. E. : Babcock & Wilcox Co.

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8306290833 Deposition of CE Goslow on 820617 in New York, NY. Pp 431-565.

GOSLOW, C. E. : Babcock & Wilcox Co.

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8306290712 Deposition of DF Hallman on 820118 in New York, NY. Pp 1-82.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290716 Deposition of DF Hallman on 820119 in New York, NY. Pp 83-209.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290764 Deposition of DF Hallman on 820120 in New York, NY. Pp 210-353.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290758 Deposition of DF Hallman on 820121 in New York, NY. Pp 354-458.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290752 Deposition of DF Hallman on 820122 in New York, NY. Pp 459-547.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290745 Deposition of DF Hallman on 820615 in New York, NY. Pp 549-687.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290741 Deposition of DF Hallman on 820616 in New York, NY. Pp 688-838.

HALLMAN, D. F. : Babcock & Wilcox Co.

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8306290881 Deposition of JG Herbein on 820630 in New York, N. Y. Pp 1-184.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290887 Deposition of JG Herbein on 820701 in New York, N. Y. Pp 185-294.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290892 Deposition of JG Herbein on 820702 in New York, N. Y. Pp 295-395.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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2.5, 2.7



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8307270534 Continued deposition of RC Jones on B10702 in New York, NY.  
Pp 278-358.

JONES, R. C. : Babcock & Wilcox Co.

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8306290698 Deposition of ER Kane on B11217 in New York, NY. Pp 252-373.

KANE, E. R. : Babcock & Wilcox Co.

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8306290700 Deposition of ER Kane on B11218 in New York, NY. Pp 376-430.

KANE, E. R. : Babcock & Wilcox Co.

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8306290976 Deposition of BA Karrasch on B10616 in New York, NY. Pp 1-9B.

KARRASCH, B. A. : Babcock & Wilcox Co.

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8306290980 Deposition of BA Karrasch on B10617 in New York, NY.  
Pp 97-219.

KARRASCH, B. A. : Babcock & Wilcox Co.

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8306290987 Deposition of BA Karrasch on B10619 in New York, NY.  
Pp 325-398.

KARRASCH, B. A. : Babcock & Wilcox Co.

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8306290990 Deposition of BA Karrasch on 810929 in New York, NY.  
Pp 399-493.

KARRASCH, B. A. : Babcock & Wilcox Co.

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8306290993 Deposition of BA Karrasch on 810930 in New York, NY.  
Pp 494-594.

KARRASCH, B. A. : Babcock & Wilcox Co.

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8306290900 Deposition of R Keaten on 820108 in New York, NY. Pp 488-626.

KEATEN, R. : General Public Utilities - GPU Service Corp.

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8306290907 Deposition of R Keaten on 820119 in New York, NY. Pp 628-764.  
Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.

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2.5

8306290913 Deposition of R Keaten on 820120 in New York, NY. Pp 765-904.  
Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.

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8306290918 Deposition of R Keaten on 820121 in New York, NY. Pp 905-  
1,056. Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.

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8306290915 Deposition of JJ Kelly on B10505 in New York, N. Y. Pp 170-314.

KELLY, J. J. : Babcock & Wilcox Co.  
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8306290920 Deposition of JJ Kelly on B10506 in New York, N. Y. Pp 315-452.

KELLY, J. J. : Babcock & Wilcox Co.  
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8306290925 Deposition of JJ Kelly on B10507 in New York, N. Y. Pp 453-555.

KELLY, J. J. : Babcock & Wilcox Co.  
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8306290802 Deposition of G Kunder on B20702 in New York, NY. Pp 438-610.

KUNDER, G. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/07/02, 163pp. , 48X: 19103-205, ODI: , TN: 0B02 NOT REVIEWED

8306290785 Deposition of DW LaBelle on B10604 in New York, NY.  
Pp 252-340.

LABELLE, D. W. : Babcock & Wilcox Co.  
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8306290836 Deposition of LC Lanese on B20324 in New York, NY. Pp 1-128.

LANESE, L. C. : General Public Utilities - GPU Service Corp.  
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8306290787 Deposition of RL Long on 820520 in New York, NY. Pp 313-417.

LONG, R. L. : General Public Utilities - GPU Service Corp.  
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8306290800 Deposition of JH MacMillan on 820610 in New York, NY.  
Pp 134-324.

MACMILLAN, J. R. : Babcock & Wilcox Co.  
: :  
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8306290825 Deposition of BA Mehler on 810728 in New York, NY. Pp 1-172.

MEHLER, B. A. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/07/28, 172pp. , 48X: 19131-031, ODI: , TN: 0B02 2.5

8307110121 Deposition of BA Mehler on 810731 in New York, NY. Pp 565-679.

MEHLER, B. A. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/07/31, 115pp. , 48X: 19488-271, ODI: , TN: 0B02 IRRELEVANT

8306290842 Deposition of C Michelson on 820318 in Washington, DC. Pp 1-151. Supporting documentation encl.

MICHELSON, C. : Director's Office  
: :  
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8306290848 Deposition of C Michelson on 820319 in Washington, DC. Pp 152-308.

MICHELSON, C. : Director's Office  
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8306290851 Deposition of AW Miller on B11201 in Middletown, PA. Pp 1-131.

MILLER, A. W. : General Public Utilities - GPU Service Corp.

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8306290837 Deposition of GP Miller on 820602 in New York, NY. Pp 1-128.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290841 Deposition of GP Miller on 820603 in New York, NY. Pp 129-273.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290845 Deposition of GP Miller on 820604 in New York, NY. Pp 274-395.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290847 Deposition of GP Miller on 820607 in New York, NY. Pp 396-473.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290897 Deposition of GP Miller on 820608 in New York, NY. Pp 474-600.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290922 Deposition of GP Miller on 820611 in New York, NY. Pp 874-1,066.

MILLER, G. P. : General Public Utilities - GPU Service Corp.

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8306290880 Deposition of TD Murray on 820128 in Toledo, OH. Pp 1-165.

MURRAY, T. D. : Toledo Edison Co.

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8306290885 Deposition of RC Noll on 820714 in New York, NY. Pp 1-138.

NOLL, R. C. : Metropolitan Edison Co.

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8306290856 Deposition of JD Phinney on 820113 in New York, NY. Pp 1-134.

PHINNEY, J. D. : Babcock & Wilcox Co.

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8306290853 Deposition of JD Phinney on 820114 in New York, NY. Pp 136-270.

PHINNEY, J. D. : Babcock & Wilcox Co.

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8306290909 Deposition of WE Potts on 820107 in New York, NY. Pp 1-176.

POTTS, W. E. : General Public Utilities - GPU Service Corp.

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8306290927 Deposition of WE Potts on 820108 in New York, NY. Pp 177-251.

POTTS, W. E. : General Public Utilities - GPU Service Corp.  
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8306290912 Deposition of MJ Ross on 811117 in Harrisburg, PA. Pp 1-201.

ROSS, M. J. : Metropolitan Edison Co.  
: :  
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8306290902 Deposition of F Scheimann on 820223 in New York, NY. Pp 1-156.

SCHEIMANN, F. : General Public Utilities - GPU Service Corp.  
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8306290942 Deposition of FJ Scheimann on 820225 in New York, NY. Pp 157-287.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.  
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8306290957 Deposition of FJ Scheimann on 820226 in New York, NY. Pp 288-399.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.  
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8306290965 Deposition of FJ Scheimann on 820401 in New York, NY. Pp 400-519.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.  
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8306290866 Deposition of FJ Scheimann on 820402 in New York, NY. Pp 520-556.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290870 Deposition of FJ Scheimann on 820427 in New York, NY. Pp 557-723.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290878 Deposition of FJ Scheimann on 820428 in New York, NY. Pp 724-881.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290884 Deposition of FJ Scheimann on 820608 in New York, NY. Pp 888-999.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290890 Deposition of FJ Scheimann on 820609 in New York, NY. Pp 1000-1068.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

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8306290948 Deposition of JL Seelinger on 811020 in Palm Beach, FL. Pp 102-248.

SEELINGER, J. L. : United Technologies Corp.

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8306290941 Deposition of JL Seelinger on 811021 in Palm Beach, FL. Pp  
249-413.

SEELINGER, J. L. :United Technologies Corp.

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8306290937 Deposition of JL Seelinger on 811022 in Palm Beach, FL. Pp  
414-539.

SEELINGER, J. L. :United Technologies Corp.

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8306290932 Deposition of JL Seelinger on 811023 in Palm Beach, FL. Pp  
540-609.

SEELINGER, J. L. :United Technologies Corp.

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8306290830 Deposition of JR Shetler on 820423 in New York, NY. Pp 1-146.

SHETLER, J. R. :Babcock & Wilcox Co.

DATE ISS: 82/04/23, 146pp. , 48X: 19148-202, ODI: , TN: GB02 2.5

8306290839 Deposition of D Shovlin on 820716 in New York, NY. Pp 1-204.

SHOVLIN, D. :General Public Utilities - GPU Service Corp.

DATE ISS: 82/07/16, 204pp. , 48X: 19148-347, ODI: , TN: GB02 2.5

8306290820 Deposition of RJ Toole on 810622 in New York, NY.  
Pp 1-279.

TOOLE, R. J. :General Public Utilities - GPU Service Corp.

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8306290824 Deposition of RJ Toole on 810623 in New York, NY. Pp 280-506.

TOOLE, R. J. : General Public Utilities - GPU Service Corp.  
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8306290829 Deposition of RJ Toole on 810706 in New York, NY. Pp 507-726.

TOOLE, R. J. : General Public Utilities - GPU Service Corp.  
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8306290798 Deposition of RJ Toole on 810707 in New York, NY. Pp 727-909.

TOOLE, R. J. : General Public Utilities - GPU Service Corp.  
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8306290840 Deposition of JF Walters on 810414 in New York, NY.  
Pp 164-289.

WALTERS, J. F. : Babcock & Wilcox Co.  
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8306290754 Deposition of RL Williams on 820812 in New York, NY.  
Pp 1-98.

WILLIAMS, R. L. : Ebasco Services, Inc. (subs. of Enserch Corp.)  
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8306290768 Deposition of EA Womack on 801209 in New York, NY.  
Pp 185-360.

WOMACK, E. A. : Babcock & Wilcox Co.  
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B306290794 Deposition of RW Zechman on B20324 in New York, NY.  
Pp 377-523.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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B306290749 Deposition of RW Zechman on B20326 in New York, NY. Pp  
642-728.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
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B306290761 Deposition of WH Zewe on B20520 in New York, NY. Pp 1-121.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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B306290766 Deposition of WH Zewe on B20521 in New York, NY. Pp 122-248.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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B306290770 Deposition of W Zewe on B20524 in New York, NY. Pp 249-350.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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B306290751 Deposition of WH Zewe on B20526 in New York, NY. Pp 480-645.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
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8306290756 Deposition of WH Zewe on 820527 in New York, NY. Pp 646-790.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

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EXHIBITS

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8307020037 "R Trip/Engineered Safeguards Incident,780423."

\* :Babcock & Wilcox Co.  
: DATE ISS:81/06/12, 89pp. ,48X:19208-169,ODI:B&W 0079 ,TN:GB02 2.5

8307020155 "Condensate Polishing Sys Functional Test."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:77/11/17, 39pp. ,48X:19240-016,ODI:B&W 0152 ,TN:GB02 IRRELEVANT

8307020053 Discusses addl analysis of plant behavior during loss of load & reactor trip transients,performed in response to questions raised at 830203 meeting w/NRC.Proposed draft ltr to B&W encl.

FINK,R.T. :MPR Associates, Inc.  
FRITZEN,J. :Metropolitan Edison Co.  
DATE ISS:75/03/12, 14pp. ,48X:19209-169,ODI:B&W 0156 ,TN:GB02 2.5

8307020087 RO:on 780329,automatic actuation of ECCS safety injection sys occurred due to rapid RCS depressurization. Depressurization caused by pressurizer electromagnetic relief valve RC=R2 open upon deenergization of vital bus.

\* :Metropolitan Edison Co.  
: DATE ISS:78/06/27, 4pp. ,48X:19209-285,ODI:B&W 0170 ,TN:GB02 NOT REVIEWED

8307020099 Rev 1 to Test Instruction TI-17, "Shift Test Engineers Log."

MILLER,G.P. :General Public Utilities - GPU Service Corp.  
: DATE ISS:73/10/17, 5pp. ,48X:19210-120,ODI:B&W 0173 ,TN:GB02 NOT REVIEWED

8307010294 Rev 4 to Test Instruction 8, "Unusual Occurrences," & "Reporting of Significant Deficiencies to NRC."

TOOLE,R.J. :General Public Utilities - GPU Service Corp.  
: DATE ISS:77/05/24, 24pp. ,48X:19215-245,ODI:B&W 0177 ,TN:GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307110041 Forwards Unit 2 plant operations review committee input for special rept required by Tech Spec 3.5.2 for ECCS actuation that occurred on 780329.

SEELINGER, J.L. : Metropolitan Edison Co.

TROFFER, G.J. : Metropolitan Edison Co.

DATE ISS: 78/06/12, 5pp. , 48X: 19477-040, ODI: B&W 0184 , TN: GB02

NOT REVIEWED

8307050500 Responds to NRC 780630 ltr re violations noted in IE Insp Rept 50-289/78-12, Corrective actions: operations dept clerk instructed to review TCN log book on each of two daily visits to control room.

GERBEIN, J.G. : General Public Utilities - GPU Service Corp.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support

DATE ISS: 78/07/25, 2pp. , 48X: 19324-061, ODI: B&W 0206 , TN: GB02

NOT REVIEWED

8307050510 Advises that licensee did not receive Insp Rept 50-346/78-06 re transient event prior to 790530 hearing. Documents encl illustrate actual notice of info on certain operating problems encountered at other plants.

ARNOLD, R.C. : General Public Utilities - GPU Service Corp.

KEMENY, J.G. : President's Commission on the Accident at Three Mile Island

DATE ISS: 79/08/30, 5pp. , 48X: 19324-064, ODI: B&W 0208 , TN: GB02

NOT REVIEWED

8307070193 Forwards final minutes of Meeting 30 of General Ofc Review Board re TMI.

REPPERT, D.H. : General Public Utilities - GPU Service Corp.

BARTMAN, J.S. : General Public Utilities - GPU Service Corp.

DATE ISS: 78/10/24, 11pp. , 48X: 19325-060, ODI: B&W 0209 , TN: GB02

NOT REVIEWED

8307020075 "Final Rept of TMI-2 Accident Assessment Documentation - Training Programs & Procedure Review."

\* : Babcock & Wilcox Co.

DATE ISS: 79/05/16, 25pp. , 48X: 19244-180, ODI: B&W 0232 , TN: GB02

NOT REVIEWED

8307020091 Rev 18 to "TMI Nuclear Station Administrative Procedure 1001, Document Control."

\* : Babcock & Wilcox Co.

DATE ISS: 79/02/21, 229pp. , 48X: 19245-120, ODI: B&W 0237 , TN: GB02

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U. S. NUCLEAR REGULATORY COMMISSION  
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8307020098 Transcript of 790510 interview w/B Mehler.

MEHLER, B. : General Public Utilities - GPU Service Corp.  
:   
DATE ISS: 79/05/10, 45pp. , 48X: 19246-004, ODI: B&W 0239 , TN: GB02 NOT REVIEWED

8307120620 Forwards final rept on 780423 reactor trip/ES of 780423 incident.

SEELINGER, J.L. : Metropolitan Edison Co.  
MILLER, G.P. : Metropolitan Edison Co.  
DATE ISS: 78/05/04, 89pp. , 48X: 19501-267, ODI: B&W 0246 , TN: GB02 NOT REVIEWED

8307050488 Notices of 10CFR21 re reporting of defects & noncompliances. Notifications should be directed to immediate supervisor or to vice president of generation, for anonymity.

DANYO, J.R. : Babcock & Wilcox Co.  
: Babcock & Wilcox Co.  
DATE ISS: 81/07/30, 1p. , 48X: 19327-017, ODI: B&W 0248 , TN: GB02 NOT REVIEWED

8307120628 Rev 3 to "Unit 2 Surveillance Procedure 2301-3D1, RCS Inventory."

WARREN, R.P. : Metropolitan Edison Co.  
:   
DATE ISS: 79/02/05, 33pp. , 48X: 19502-001, ODI: B&W 0252 , TN: GB02 NOT REVIEWED

8307050290 Rev 8 to Administrative Procedure 1012, "Shift Relief & Log Entries."

\* : General Public Utilities - GPU Service Corp.  
:   
DATE ISS: 77/11/04, 12pp. , 48X: 19327-117, ODI: B&W 0253 , TN: GB02 NOT REVIEWED

8307050291 Temporary Change Notice 2-79-070 for Procedure 2301-3D1, "RCS Inventory."

\* : General Public Utilities - GPU Service Corp.  
:   
DATE ISS: 79/03/11, 5pp. , 48X: 19327-129, ODI: B&W 0255 , TN: GB02 NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
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8307050294 Rev 6 to Operating Procedure 2102-1.2, "Approach to  
Criticality."

WARREN,R.P. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/02/02, 17pp. ,48X:19327-134,ODI:B&W 0256 ,TN:GB02

NOT REVIEWED

8307050297 Transcript of E Frederick & C Faust 790329 statement of  
events leading up to incident.Hand-written copy encl.

FREDERICK,E. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/03/29, 6pp. ,48X:19327-179,ODI:B&W 0257 ,TN:GB02

NOT REVIEWED

8307050304 TMI staff interview w/C Faust re sequence of events leading  
up to turbine trip.

FAUST,C. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/03/30, 12pp. ,48X:19327-185,ODI:B&W 0258 ,TN:GB02

NOT REVIEWED

8307120638 Rev 6 to "Unit 2 Operating Procedure 2103-1.4,Reactor  
Coolant Pump Operation."

WARREN,R.P. :Metropolitan Edison Co.  
:

DATE ISS:78/08/16, 23pp. ,48X:19502-053,ODI:B&W 0261 ,TN:GB02

NOT REVIEWED

8307050526 Preliminary inquiry of TMI incident of 790328.

ZEW, W.H. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/04/03, 50pp. ,48X:19327-282,ODI:B&W 0271 ,TN:GB02

NOT REVIEWED

8307050535 Rev 11 to Emergency Procedure 2202-1.3, "Loss of Reactor  
Coolant/Reactor Coolant Sys Pressure."

WARREN,R.P. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:78/10/06, 26pp. ,48X:19327-360,ODI:B&W 0272 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050537 Forwards LER 79-014/01X-0, updating LER 79-014/01L-0.

HOVEY, G.K. :General Public Utilities - GPU Service Corp.  
GRIER, B.H. :Region 1, Philadelphia, Office of the Director (81/03/01)  
DATE ISS:81/05/11, 2pp. ,48X:19328-023, ODI:B&W 0275 ,TN:GB02

NOT REVIEWED

8307080048 Rev 5 to Abnormal Procedure 2203-2.3, "Steam Supply Sys Rupture," Unit 2.

SEELINGER, J. :Metropolitan Edison Co.  
DATE ISS:78/10/06, 15pp. ,48X:19331-004, ODI:B&W 0282 ,TN:GB02

NOT REVIEWED

8307080155 Forwards assignments for verification of operating procedures, emergency procedural & followup operations check of sys.

FLOYD, J.R. :Metropolitan Edison Co.  
DATE ISS:77/03/23, 9pp. ,48X:19331-248, ODI:B&W 0295 ,TN:GB02

NOT REVIEWED

8307070326 "Generation Maint Sys Manual Performance Form."

\* :Babcock & Wilcox Co.  
DATE ISS:81/12/01, 2pp. ,48X:19329-007, ODI:B&W 0317 ,TN:GB02

NOT REVIEWED

8307070397 First draft "GPU Task Force Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/28, 56pp. ,48X:19321-250, ODI:B&W 0347 ,TN:GB02

NOT REVIEWED

8308230585 Transcript of TMI Investigative Task Force Taped Interview 4 (Keaten Tapes) on 790824. Pp 1-45.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/24, 46pp. ,48X:20125-198, ODI:B&W 0347D ,TN:GB02

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8308230606 Transcript of TMI Investigative Task Force Taped Interview 7  
(Keaten Tapes) on 790919.Pp 1-63.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/09/19, 64pp. ,48X:20126-007,ODI:B&W 0347G ,TN:GB02 2.5

8308230612 Transcript of TMI Investigative Task Force Taped Interview 9  
(Keaten Tapes) on 790919.Pp 1-30.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/09/19, 31pp. ,48X:20126-138,ODI:B&W 0347I ,TN:GB02 2.5

8308230617 Transcript of TMI Investigative Task Force Taped Interview  
10 (Keaten Tapes) on 790920.Pp 1-64.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/09/20, 65pp. ,48X:20126-169,ODI:B&W 0347J ,TN:GB02 2.5

8308230619 Transcript of TMI Investigative Task Force Taped Interview  
11 (Keaten Tapes) on 790920.Pp 1-66.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/09/20, 67pp. ,48X:20126-234,ODI:B&W 0347K ,TN:GB02 2.5

8308230623 Transcript of TMI Investigative Task Force Taped Interview  
12 (Keaten Tapes) on 790920.Pp 1-59.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/09/20, 60pp. ,48X:20126-301,ODI:B&W 0347L ,TN:GB02 2.5

8308230626 Transcript of TMI Investigative Task Force Taped Interview  
13 (Keaten Tapes) on 790924.Pp 1-26.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/09/24, 27pp. ,48X:20126-359,ODI:B&W 0347M ,TN:GB02 2.5

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NRC SPECIAL REPORT

8307070438 Second draft "GPU Task Force Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/06, 57pp. ,48X:19322-016,ODI:B&W 0349 ,TN:GB02 2.5

8307080673 Forwards "GPU Task Force Interim Summry Rept," third draft  
re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48X:19402-181,ODI:B&W 0350 ,TN:GB02 2.5

8307080681 Forwards "GPU Task Force Interim Summary Rept" re findings &  
conclusions to date & presenting preliminary recommendations  
re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/29, 1p. ,48X:19402-339,ODI:B&W 0351 ,TN:GB02 2.5

8307080688 "GPU Accident Review Task Force Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/11/28, 41pp. ,48X:19403-019,ODI:B&W 0352 ,TN:GB02 2.5

8307080691 Lists items which must be accomplished to complete GPU/Met  
Ed review of TMI-2 accident & underlying causes.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/12/03, 6pp. ,48X:19403-061,ODI:B&W 0353 ,TN:GB02 2.5, 2.9

8307080693 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:80/03/24, 41pp. ,48X:19403-068,ODI:B&W 0354 ,TN:GB02 2.5, 2.9

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080695 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:80/05/12, 50pp. ,48X:19403-112,ODI:B&W 0355 ,TN:GB02 2.5

8307080698 "GPU Accident Review Task Force Final Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:80/12/15, 49pp. ,48X:19403-161,ODI:B&W 0356 ,TN:GB02 2.5

8307080699 Forwards marked-up task force rept indicating significant differences from interim rept.W/o encl.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/09/02, 1p. ,48X:19404-017,ODI:B&W 0357 ,TN:GB02 NOT REVIEWED

8307120734 Transcript of 790412 interview w/G Miller.Pp 1-58.

\* :Metropolitan Edison Co.  
: :  
DATE ISS:79/04/12, 58pp. ,48X:19502-230,ODI:B&W 0360 ,TN:GB02 2.5

8307080708 Transcript of task force interviews.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/09/19, 110pp. ,48X:19404-024,ODI:B&W 0361 ,TN:GB02 NOT REVIEWED

8307080709 Transcript of interview w/util crew not directly involved in 790328 accident.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/01/21, 288pp. ,48X:19404-134,ODI:B&W 0362 ,TN:GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080717 Forwards results, conclusions & recommendations re Task 1,  
Subtask 4 & Task 2, Subtasks 5 & 7 concerning TMI-2 accident  
review.  
KITTELSON, L.L. : Metropolitan Edison Co.  
TSAGGARIS, A. : Metropolitan Edison Co.  
DATE ISS: 79/09/28, 21pp. , 48X: 19405-064, ODI: B&W 0365 , TN: GB02 NOT REVIEWED

8307080720 "Task 2 Rationale for Operation/Staff Response Subtask 8 -  
Define Why HPI was Modulated."  
WALSH, P.S. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/08/03, 3pp. , 48X: 19405-084, ODI: B&W 0366 , TN: GB02 NOT REVIEWED

8307080722 Comments on "Technical Assessment of Operating, Abnormal &  
Emergency Procedures." Some results consistent w/GPU  
findings while some are inaccurate, misleading & technically  
incorrect. Procedures listed incorrect.  
KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
DIECKAMP, H.M. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/11/02, 3pp. , 48X: 19405-087, ODI: B&W 0367 , TN: GB02 NOT REVIEWED

8307080055 Forwards draft TMI-111, "Analysis of TMI-2 Operator  
Response."  
WALSH, P.S. : General Public Utilities - GPU Service Corp.  
ARNOLD, R.C. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/07/18, 1p. , 48X: 19333-139, ODI: B&W 0374 , TN: GB02 NOT REVIEWED

8307080064 Procedure 054 "Analysis of TMI-2 Operator Response."  
WALSH, P.S. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/10/19, 43pp. , 48X: 19334-005, ODI: B&W 0377 , TN: GB02 NOT REVIEWED

8307080074 LER 79-014/01T: on 790502, reactor high pressure scram  
occurred. Caused by lack of procedural direction to operators  
w/reactor scrambled & recirculation pumps tripped. Procedures  
reviewed & changed. w/790516 ltr.  
ROSS, D.A. : Jersey Central Power & Light Co.  
GRIER, B.H. : Region 1, Office of Director  
DATE ISS: 79/05/16, 6pp. , 48X: 19334-078, ODI: B&W 0379 , TN: GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080096 Submits personnel changes at TMI. Changes & appointments made  
in accordance w/Rev 0 to GP 0019.

TROFFER, G.J. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:79/01/08, 2pp. ,48X:19334-115, ODI:B&W 0382 ,TN:GB02 NOT REVIEWED

8307080098 Rev 1 to "TMI Unit-2 Generation Review Committee."

TROFFER, G.J. :Metropolitan Edison Co.  
:  
DATE ISS:79/01/28, 12pp. ,48X:19334-117, ODI:B&W 0383 ,TN:GB02 NOT REVIEWED

8307080125 Forwards rept re 790502 transient which resulted in  
unexpected low water level in reactor vessel.

FINFROCK, I.R. :Jersey Central Power & Light Co.  
:Office of Nuclear Reactor Regulation, Director  
DATE ISS:79/05/12, 2pp. ,48X:19334-132, ODI:B&W 0386 ,TN:GB02 NOT REVIEWED

8307080241 Second draft of GPU Task Force "Interim Summary Rept."

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/10/06, 66pp. ,48X:19335-190, ODI:B&W 0402 ,TN:GB02 NOT REVIEWED

8307080244 Forwards third draft to, "Interim Summary Rept."

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48X:19336-118, ODI:B&W 0403 ,TN:GB02 NOT REVIEWED

8307080247 Third draft of "Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/10/17, 73pp. ,48X:19336-119, ODI:B&W 0403 ,TN:GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080642 Draft training program assessment.

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:79/05/08, 8pp. ,48X:19336-171,ODI:B&W 0405 ,TN:GB02 NOT REVIEWED

8307080645 Discusses TMI Unit 1 restart training & procedures.  
Procedures should include expected temps down stream of  
stuck open primary relief valve.

BROUGHTON,G. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/22, 4pp. ,48X:19336-179,ODI:B&W 0406 ,TN:GB02 NOT REVIEWED

8307080649 Operational log. "Influence of Operator Action."

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:82/02/09, 7pp. ,48X:19336-183,ODI:B&W 0407 ,TN:GB02 NOT REVIEWED

8307080619 Emergency Procedure R1202-6, "Loss of Reactor Coolant/RCS  
Pressure."

\* :Metropolitan Edison Co.  
: :  
DATE ISS:73/10/20, 11pp. ,48X:19393-128,ODI:B&W 0417 ,TN:GB02 NOT REVIEWED

8307080635 Marked-up, incomplete deposition of R Keater,G Kunder,  
L Tsagaris & E Wallace.

KEATER,R. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/02/12, 50pp. ,48X:19394-179,ODI:B&W 0425 ,TN:GB02 NOT REVIEWED

8307080636 Rev 9 to Procedure 1670.2 "Site Emergency."

KUNDER,G.A. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:78/11/22, 13pp. ,48X:19394-285,ODI:B&W 0426 ,TN:GB02 NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
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8307110636 "Investigation of TMI-2 Pressurizer PORV Discharge Pipe Temps."

BILLINGSLEY, Q. :General Public Utilities - GPU Service Corp.

DATE ISS:80/02/28, 56pp. ,48X:19440-001,ODI:B&W 0428 ,TN:GB02

NOT REVIEWED

8307110657 Reviews reactor coolant leakage test data results prior to 790328. Graphs & table of test data encl.

STUBBS, J.M. :General Public Utilities - GPU Service Corp.

DATE ISS:80/03/26, 14pp. ,48X:19440-240,ODI:B&W 0433 ,TN:GB02

NOT REVIEWED

8307110660 Reviews Rev 4 of TMI-2 Surveillance Procedure 2301-301, "RCS Inventory" to confirm that procedure reflects most accurate indication of reactor coolant leak rate. Changes to assure accounting for all sources of water recommended.

STUBBS, J.M. :Metropolitan Edison Co.

WALLACE, E.G. :Metropolitan Edison Co.  
DATE ISS:80/03/17, 8pp. ,48X:19440-282,ODI:B&W 0434 ,TN:GB02

NOT REVIEWED

8307110701 Rev 3 to Surveillance Procedure 2301-301, "RCS Inventory."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/02/05, 3pp. ,48X:19441-012,ODI:B&W 0442 ,TN:GB02

NOT REVIEWED

8307110659 Confirms 761004 telcon re deviation in functional testing of electromechanical relief valve RC-RV-2, S/M BMD4233. Engineering instruction PI-31 encl.

BESSION, J.R. :Dresser Industries, Inc.

STUHRKE, S. :Burns & Roe Co.  
DATE ISS:76/10/05, 4pp. ,48X:19441-194,ODI:B&W 0453 ,TN:GB02

NOT REVIEWED

8307090235 Submits brief overview of procedure history, including emergency procedures, oxygen pressure process & surveillance.

\* :Metropolitan Edison Co.

SEELINGER, J.L. :Metropolitan Edison Co.  
DATE ISS:79/05/25, 3pp. ,48X:19413-084,ODI:B&W 0467 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090240 Marked-up handwritten notes on NRC Insp 77-04 on 770201-03.

SEELINGER, J.L. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:77/02/03, 7pp. ,48X:19413-059,ODI:B&W 0468 ,TN:GB02 NOT REVIEWED

8307090244 Submits handwritten procedures for verification/review programs. Documented approach for programs to include identification in writing & completion schedules.

MILLER, G.P. :Metropolitan Edison Co.  
SEELINGER, F. :Metropolitan Edison Co.  
DATE ISS:77/03/14, 5pp. ,48X:19413-122,ODI:B&W 0469 ,TN:GB02 NOT REVIEWED

8307090249 Proposed agenda for 771012-13 GORB briefing.

SEELINGER, J.L. :Metropolitan Edison Co.  
BROUGHTON, T.G. :Metropolitan Edison Co.  
DATE ISS:77/09/12, 2pp. ,48X:19413-071,ODI:B&W 0470 ,TN:GB02 NOT REVIEWED

8307090278 Attendees at 740905, 06, 1129 & 1203 training programs re selected emergency procedures, operational QA, Tech Spec review & major operational evaluations.

SEELINGER, J. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:74/09/06, 5pp. ,48X:19413-093,ODI:B&W 0516 ,TN:GB02 NOT REVIEWED

8307090313 Administrative training records for F Scheimann.

SCHEIMANN, F.J. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:82/02/25, 10pp. ,48X:19413-113,ODI:B&W 0524 ,TN:GB02 NOT REVIEWED

8307060612 Rev 0 to nuclear power plant operations manual, Vol 2.

ALBERT, J.R. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:75/01/16, 649pp. ,48X:19285-077,ODI:B&W 0535 ,TN:GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080576 Continued deposition of FJ Scheimann in Harrisburg, PA. Pp  
129-241.

SCHEIMANN, F.J. : Metropolitan Edison Co.

DATE ISS: 79/07/25, 283pp. ,48X:19416-081, ODI: B&W 0537 ,TN:GB02 NOT REVIEWED

8307080589 Rev 11 to Operating Procedure 2104-1.3, "DHR Sys."

\* : Babcock & Wilcox Co.

DATE ISS: 78/08/23, 41pp. ,48X:19417-246, ODI: B&W 0539 ,TN:GB02 NOT REVIEWED

8307080598 Rev 13 to Operating Procedure 2102-3.2, "Unit Cooldown."

WARREN, R.P. : Babcock & Wilcox Co.

DATE ISS: 79/03/10, 24pp. ,48X:19417-343, ODI: B&W 0540 ,TN:GB02 NOT REVIEWED

8307060623 Rev 6 to Operating Procedure 2102-3.3, "DHR Via Once-  
Through Steam Generator."

\* : Babcock & Wilcox Co.

DATE ISS: 78/04/17, 15pp. ,48X:19289-252, ODI: B&W 0573 ,TN:GB02 NOT REVIEWED

8307090391 Forwards updated status of TMI-2 "Outstanding NRC Licensing  
Issues."

LANESE, L.C. : General Public Utilities - GPU Service Corp.

BARTON, J.J. : General Public Utilities - GPU Service Corp.

DATE ISS: 75/11/19, 11pp. ,48X:19395-308, ODI: B&W 0604 ,TN:GB02 NOT REVIEWED

8307090395 Forwards Rev 3 to TMI-2 Abnormal Procedure 2203-2.3, "Steam  
Supply Sys Rupture," per request.

BEZILLA, M.B. : General Public Utilities - GPU Service Corp.

LANSE, L. : General Public Utilities - GPU Service Corp.

DATE ISS: 78/04/07, 1p. ,48X:19395-347, ODI: B&W 0605 ,TN:GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090402 Rev 5 to TMI-2 Emergency Procedure 2202-1.3, "Loss of  
Reactor Coolant/RCS Pressure."

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:78/03/01, 25pp. ,48X:19396-001,ODI:B&W 0606 ,TN:GB02

NOT REVIEWED

8307090388 Transcript of 790423 IE TMI investigation interview w/FJ  
Scheimann.Pp 1-54.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:79/04/23, 55pp. ,48X:19443-076,ODI:B&W 0610 ,TN:GB02

NOT REVIEWED

8307110740 "Nuclear Power Plant Operations Manual,Vol 2."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:82/04/27, 9pp. ,48X:19478-044,ODI:B&W 0614 ,TN:GB02

NOT REVIEWED

8307110066 Forwards IE Insp Rept 50-289/74-23 on 740521-23 & notice  
of violation.

BRUNNER,E.J. : Region 1, Philadelphia, Office of the Director  
ARNOLD,R.C. :Metropolitan Edison Co.  
DATE ISS:74/06/12, 2pp. ,48X:19444-122,ODI:B&W 0640 ,TN:GB02

NOT REVIEWED

8307090193 Draft interview w/E Frederick at TMI site on 790423.

FREDERICK,E. :Metropolitan Edison Co.  
:;  
DATE ISS:79/04/23, 67pp. ,48X:19398-241,ODI:B&W 0660 ,TN:GB02

NOT REVIEWED

8307090203 Interview w/E Frederick,control room operator at TMI-2 on  
790330.

FREDERICK,E. :Metropolitan Edison Co.  
:;  
DATE ISS:79/03/30, 12pp. ,48X:19399-002,ODI:B&W 0661 ,TN:GB02

NOT REVIEWED

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8307090327 Forwards for review & comment "Annotated Sequence of Events." Comments by each individual should be written on four copies of annotated sequence of events & be returned by 790502.  
LONG, R.L. :General Public Utilities - GPU Service Corp.  
MILLER, G. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/28, 1p. ,48X:19400-130,ODI:B&W 0687 ,TN:GB02 NOT REVIEWED

8307110724 Requests formation of fire member task force to complete investigation of encl seven specific issues re 790328 incident.  
ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/27, 5pp. ,48X:19445-169,ODI:B&W 0694 ,TN:GB02 NOT REVIEWED

8307110728 Summary of 790627 meeting of TMI-2 Accident Review Task Force.  
KEATEN, R. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/27, 1p. ,48X:19445-342,ODI:B&W 0695 ,TN:GB02 NOT REVIEWED

8307110732 Submits questions re TMI-2 incident on 790328.  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/06/13, 3pp. ,48X:19445-177,ODI:B&W 0697 ,TN:GB02 NOT REVIEWED

8307110735 Submits tasks & subtasks for task teams.  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/09, 16pp. ,48X:19445-180,ODI:B&W 0698 ,TN:GB02 NOT REVIEWED

8307110739 Forwards first rough draft, "GPU Task Force Interim Summary Rept."  
KEATON, R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/28, 1p. ,48X:19446-002,ODI:B&W 0699 ,TN:GB02 NOT REVIEWED

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8307110744 Requests copy of encl package re task force draft rept.

LONG,R.L. :Babcock & Wilcox Co,  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/07, 6pp. ,48X:19446-060,ODI:B&W 0700 ,TN:GB02

NOT REVIEWED

8307110752 "GPU Task Force Investigative Rept."

BROUGHTON,T.G. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/27, 46pp. ,48X:19446-134,ODI:B&W 0702 ,TN:GB02

NOT REVIEWED

8307110757 "GPU Accident Review Task Force Final Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:80/03/24, 43pp. ,48X:19446-346,ODI:B&W 0703 ,TN:GB02

NOT REVIEWED

8307110763 Forwards TDR TMI-111, "Analysis of TMI-2 Operator Response,"  
for review.Comments requested by 790625.

BROUGHTON,T.G. :General Public Utilities - GPU Service Corp.  
LONG,R. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/21, 32pp. ,48X:19447-062,ODI:B&W 0705 ,TN:GB02

NOT REVIEWED

8307110769 "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:82/05/20, 36pp. ,48X:19447-066,ODI:B&W 0706 ,TN:GB02

NOT REVIEWED

8307090353 Forwards response to 791025 notice of violation & notice of  
proposed issuance of civil penalties based on IE  
investigation of 790328 accident.

ARNOLD,R.C. :Metropolitan Edison Co.  
STELLO,V. :Office of Inspection & Enforcement, Office of the Director  
DATE ISS:79/12/05, 97pp. ,48X:19492-019,ODI:B&W 0707 ,TN:GB02

2.1, 2.5

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8307110774 Reviews Procedures 2202-1.1 through 2202-2.5.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/18, 17pp. ,48X:19447-196,ODI:B&W 0709 ,TN:GB02 NOT REVIEWED

8307110780 "Development of Technical Support for TMI-2 Accident."

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/31, 2pp. ,48X:19447-296,ODI:B&W 0711 ,TN:GB02 NOT REVIEWED

8307110783 Draft ANS paper re TMI-2 onsite technical support group activities to identify & solve problems by priority.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/10/23, 12pp. ,48X:19447-298,ODI:B&W 0712 ,TN:GB02 NOT REVIEWED

8307110785 Draft "Analysis of Technical Support Following TMI-2 Accident."

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/10/29, 24pp. ,48X:19447-338,ODI:B&W 0713 ,TN:GB02 NOT REVIEWED

8307110787 Draft of "Analysis of Technical Support Following TMI-2 Accident."

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/10/29, 12pp. ,48X:19447-362,ODI:B&W 0714 ,TN:GB02 NOT REVIEWED

8307110788 Draft of Technical Support Resources & Organization."

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:82/05/20, 9pp. ,48X:19447-012,ODI:B&W 0715 ,TN:GB02 NOT REVIEWED

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8307110791 Draft "Organization for Technical Support."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:82/05/20, 7pp. ,48X:19447-021,ODI:B&W 0716 ,TN:GB02 NOT REVIEWED

8307090028 Minutes of 790414 meeting w/RCA re TMI-2 incident.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/14, 3pp. ,48X:19450-230,ODI:B&W 0720 ,TN:GB02 NOT REVIEWED

8307090033 Minutes of 790414 meeting w/HMD,RCA,E Blake & RLL.HMD  
comments on surveillance,modeling & transport of fluids  
outlined.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/14, 1p. ,48X:19450-233,ODI:B&W 0721 ,TN:GB02 NOT REVIEWED

8307090037 "TMI-2 Incident Evaluations Manpower."

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/04/17, 2pp. ,48X:19450-234,ODI:B&W 0722 ,TN:GB02 NOT REVIEWED

8307090046 Info for 790417 meeting participants.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/17, 1p. ,48X:19450-244,ODI:B&W 0724 ,TN:GB02 NOT REVIEWED

8307090050 Text illegible.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/25, 1p. ,48X:19450-245,ODI:B&W 0725 ,TN:GB02 NOT REVIEWED



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8307090014 "NRC Sequence of Events:Miscellaneous Notes."

\* :Office of Inspection & Enforcement, Office of the Director  
: DATE ISS:79/06/22, 2pp. ,48X:19453-022,ODI:B&W 0729 ,TN:GB02 NOT REVIEWED

8307120252 Discusses items & assignment of responsibilities needed to  
address NRC IE investigation draft rept findings.Initial  
response requested by 790822 & final response by 790912.

WALLACE,E.G. :General Public Utilities - GPU Service Corp.  
BEHRLE,W.H. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/06, 3pp. ,48X:19454-130,ODI:B&W 0730 ,TN:GB02 NOT REVIEWED

8307120277 Rev 14 to Operating Procedure 2102-1.3, "Unit Startup."

\* :Metropolitan Edison Co.  
: DATE ISS:79/03/20, 61pp. ,48X:19455-009,ODI:B&W 0737 ,TN:GB02 NOT REVIEWED

8307120283 Rev 8 to Operating Procedure 2102-3.1, "Unit Shutdown."

\* :Metropolitan Edison Co.  
: DATE ISS:79/03/07, 45pp. ,48X:19455-126,ODI:B&W 0738 ,TN:GB02 NOT REVIEWED

8307090357 Rev 3 to Procedure 2103-1.3, "Pressurizer Operation."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/07/19, 36pp. ,48X:19492-116,ODI:B&W 0739 ,TN:GB02 NOT REVIEWED

8307090368 Rev 6 to Procedure 2202-1.1, "Reactor Trip."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/10/25, 4pp. ,48X:19492-188,ODI:B&W 0746 ,TN:GB02 NOT REVIEWED

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8307120297 Rev 7 to Abnormal Procedure 2203-2.2, "Turbine Trip."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:78/10/25, 4pp. ,48X:19455-360,ODI:B&W 0747 ,TN:GB02 NOT REVIEWED

8307120332 Transcript of 790330 interview w/W Zewe.

ZEWE,W. :Metropolitan Edison Co.  
:;  
DATE ISS:79/03/30, 9pp. ,48X:19456-172,ODI:B&W 0753 ,TN:GB02 NOT REVIEWED

8307120336 Transcript of w Zewe interview on 790423-24 in  
Middletown,PA.

ZEWE,W. :Metropolitan Edison Co.  
:;  
DATE ISS:79/04/24, 80pp. ,48X:19456-181,ODI:B&W 0754 ,TN:GB02 NOT REVIEWED

8307120341 Transcript of interview w/W Zewe.

ZEWE,W. :Metropolitan Edison Co.  
:;  
DATE ISS:82/05/28, 16pp. ,48X:19456-177,ODI:B&W 0761 ,TN:GB02 NOT REVIEWED

8307120346 Discusses inadequacies of Unit 2 procedure writing effort.  
Schedule should be adhered to at better rate than present.

MILLER,G.P. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:75/11/20, 2pp. ,48X:19456-362,ODI:B&W 0763 ,TN:GB02 2.5

8307120353 Discusses need to increase effort on procedure writing &  
review.List of delinquent procedures areas encl.

MILLER,G.P. :Metropolitan Edison Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:76/01/30, 3pp. ,48X:19457-002,ODI:B&W 0764 ,TN:GB02 IRRELEVANT

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8307120355 Requests addl funds for B&W or NUS assistance in procedure preparation from 770314-0601.

MILLER,G.P. :Metropolitan Edison Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:77/02/25, 3pp. ,48X:19457-005,ODI:B&W 0765 ,TN:GB02

NOT REVIEWED

8307120368 Discusses operator action re automatic actuation of reactor bldg cooling & isolation & subsequent defeat of actuation signal. Control logic change suggested by Field Questionnaire 1095 should be incorporated into procedures.

MILLER,G.F. :Metropolitan Edison Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:77/04/14, 2pp. ,48X:19457-012,ODI:B&W 0769 ,TN:GB02

NOT REVIEWED

8307090137 Rev 6 to "Emergency Procedure 2202-1.1 Reactor Trip."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:78/10/25, 4pp. ,48X:19453-177,ODI:B&W 0791 ,TN:GB02

NOT REVIEWED

8307090155 Info re inquiry on Unit 2 procedures.

\* :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:75/03/09, 5pp. ,48X:19454-018,ODI:B&W 0802 ,TN:GB02

NOT REVIEWED

8307080692 Deposition of GA Kunder on 790802 in Harrisburg,PA.Pp 2-171.

KUNDER,G.A. :Metropolitan Edison Co.  
DATE ISS:79/08/02, 314pp. ,48X:19408-183,ODI:B&W 0861 ,TN:GB02

NOT REVIEWED

8307120075 Forwards draft Rev 0 to EP 2202-1.3, "Loss of Reactor Coolant/RCS Pressure," for review & comment.

ROGERS,L.C. :Babcock & Wilcox Co.  
HILBISH,J.F. :Metropolitan Edison Co.  
DATE ISS:76/02/20, 18pp. ,48X:19458-075,ODI:B&W 0879 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120079 Rev 2 to Emergency Procedure 1202-29, "Pressurizer Sys  
Failure."

\* :General Public Utilities - GPU Service Corp.  
:

DATE ISS:75/06/02, 6pp. ,48X:19458-121,ODI:B&W 0880 ,TN:GB02

NOT REVIEWED

8307130392 Recommends pressurizer electromagnetic relief valve RC-RV2  
be periodically inspected for corrosion products & for  
freedom of movement of lever pin & lever hinges noting  
clearance w/solenoid bracket.

ROGERS,L.C. :Babcock & Wilcox Co,  
HERBEIN,J.G. :General Public Utilities - GPU Service Corp.

DATE ISS:75/07/30, 1p. ,48X:19501-153,ODI:B&W 0881 ,TN:GB02

IRRELEVANT

8307130395 Rev 2 to "TMI Nuclear Station Administrative Procedure 1006,  
Met Ed Operator Requalification Program."

\* :Metropolitan Edison Co.  
:

DATE ISS:77/04/11, 17pp. ,48X:19501-154,ODI:B&W 0882 ,TN:GB02

NOT REVIEWED

8307120113 "Selection, Training, Qualification & Licensing of TMI  
Reactor Operating Personnel."

EYCHISON,R. :President's Commission on the Accident at Three Mile Island  
:

DATE ISS:79/10/31, 100pp. ,48X:19458-094,ODI:B&W 0890 ,TN:GB02

NOT REVIEWED

8307120119 Superintendent event rept re blown fuse on 2-IV inverter  
on 780329.

FLOYD,J.R. :Metropolitan Edison Co.  
:

DATE ISS:78/03/29, 7pp. ,48X:19458-362,ODI:B&W 0891 ,TN:GB02

NOT REVIEWED

8307120126 Synopsis of event on 780329 re automatic actuation of safety  
injection due to rapid depressurization of RCS.

\* :Babcock & Wilcox Co.  
:

DATE ISS:78/03/29, 18pp. ,48X:19459-007,ODI:B&W 0892 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120130 Responds to request for addl info re Item 41.17. Response  
changed to read "NRC Current Event - Power Reactors," as of  
Amend 28.

\* :Metropolitan Edison Co.

DATE ISS:75/10/31, 2pp. ,48X:19459-026,ODI:B&W 0893 ,TN:GB02

NOT REVIEWED

8307120171 C/M design checklist.

\* :Babcock & Wilcox Co.

DATE ISS:77/04/27, 7pp. ,48X:19459-179,ODI:B&W 0901 ,TN:GB02

NOT REVIEWED

8307120187 Summary of TMI-2 Accident Review Task Force 790824 meeting.

\* :Metropolitan Edison Co.

:Metropolitan Edison Co.

DATE ISS:79/08/24, 5pp. ,48X:19460-036,ODI:B&W 0905 ,TN:GB02

NOT REVIEWED

8307090342 Forwards third draft investigative task force summary rept  
re TMI accident.Rept reflects revs discussed during  
791011-12 meetings.Comments requested by 791022.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.

:General Public Utilities - GPU Service Corp.

DATE ISS:79/10/17, 77pp. ,48X:19400-185,ODI:B&W 0907 ,TN:GB02

NOT REVIEWED

8307090365 Rev 0 to Emergency Procedure EP 2202-1.5, "Pressurizer  
Svs Failure."

\* :Babcock & Wilcox Co.

DATE ISS:75/11/25, 12pp. ,48X:19401-192,ODI:B&W 0914 ,TN:GB02

NOT REVIEWED

8307090369 "Index of Emergency & Abnormal Procedures."

\* :Babcock & Wilcox Co.

DATE ISS:82/08/17, 2pp. ,48X:19402-020,ODI:B&W 0916 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090389 Transcript of Hw Hartman 800429 voluntary statement in Elizabeth, PA. Pp 141-272.

HARTMAN, H.W. : General Public Utilities - GPU Service Corp.

DATE ISS: 80/04/29, 130pp. , 48X: 19486-334, ODI: B&W 1024 , TN: GB02

NOT REVIEWED

8307110794 Deposition of WH Zewe on 790726 in Harrisburg, PA. Pp 1-187.

ZEW, W.H. : Metropolitan Edison Co.

DATE ISS: 79/07/26, 187pp. , 48X: 19479-193, ODI: B&W 4006 , TN: GB02

NOT REVIEWED

8307090279 Transcript of ACRS Subcommittee on TMI-2 790606 meeting in Middletown, PA. Pp 1-192.

\* : ACRS - Advisory Committee on Reactor Safeguards

DATE ISS: 79/06/06, 227pp. , 48X: 19487-104, ODI: B&W 4012 , TN: GB02

NOT REVIEWED

8307120646 Submits questions re electromatic valve remaining open.

ZEW, W.H. : Metropolitan Edison Co.

: Metropolitan Edison Co.

DATE ISS: 83/07/11, 3pp. , 48X: 19462-295, ODI: B&W 4013 , TN: GB02

NOT REVIEWED

8307120666 Response to apparent noncompliance w/Rev 9 to Operating Procedure 2104-6.2, "Emergency Diesels & Auxiliaries," on 790328 when diesel generators 1A & B fuel racks manually tripped. Corrective actions discussed.

\* : General Public Utilities - GPU Service Corp.

DATE ISS: 79/03/28, 3pp. , 48X: 19462-299, ODI: B&W 4015 , TN: GB02

NOT REVIEWED

8307120698 Rev 6 to TMI-2 Operating Procedure 2102-3.3, "DHR via Once-Through Steam Generator."

\* : Babcock & Wilcox Co.

DATE ISS: 78/04/17, 15pp. , 48X: 19463-024, ODI: B&W 4021 , TN: GB02

NOT REVIEWED

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8307120750 Testimony of C. Michelson on 790906 in Bethesda, MD. Pd 1-63.

MICHELSON, C. : Tennessee Valley Authority

DATE ISS: 79/09/06, 63pp. , 48X:19463-061, ODI: B&W 4029 , TN: GB02

NOT REVIEWED

8307120623 Work request procedure, "Repair & Test of Reactor Coolant RC-RV-2," to assure leak tightness.

\* : Metropolitan Edison Co.

DATE ISS: 77/10/25, 5pp. , 48X:19495-249, ODI: B&W 4034 , TN: GB02

2.5

8307120700 Deposition of JB Logan on 790805 in Harrisburg, PA. Pd 113-116.

LOGAN, J. B. : Metropolitan Edison Co.

DATE ISS: 79/08/05, 5pp. , 48X:19495-278, ODI: B&W 4041 , TN: GB02

NOT REVIEWED

8307090323 Continued deposition of RC Arnold on 820630 in New York, NY. Pd 146 & 224-228.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/06/30, 7pp. , 48X:19487-342, ODI: B&W 4044 , TN: GB02

NOT REVIEWED

8307120762 Handwritten Test Log, Book 2.

\* : General Public Utilities - GPU Service Corp.

DATE ISS: 77/09/08, 8pp. , 48X:19495-304, ODI: B&W 4052 , TN: GB02

NOT REVIEWED

8307130046 Transcript of 790525 util group discussion.

\* : General Public Utilities - GPU Service Corp.

DATE ISS: 79/05/25, 3pp. , 48X:19496-346, ODI: B&W 5000AA , TN: GB02

NOT REVIEWED

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8307130054 Transcript of 790525 util group discussion.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/05/25, 3pp. ,48X:19496-349,ODI:B&W 5000BB ,TN:GB02 NOT REVIEWED

8307010268 "Interim Rept of TMI-2 Occurrence, Technical Review  
Committee."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/05/25, 118pp. ,48X:19179-127,ODI:GPU 0004 ,TN:GB02 NOT REVIEWED

8307010270 "Interim Rept of TMI-2 Occurrence, Technical Review  
Committee."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/06/08, 61pp. ,48X:19179-244,ODI:GPU 0005 ,TN:GB02 NOT REVIEWED

8307010274 "Final Rept of TMI-2 Occurrence, Technical Review  
Committee."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/07/31, 234pp. ,48X:19179-316,ODI:GPU 0006 ,TN:GB02 NOT REVIEWED

8307020007 "Final Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:83/06/30, 54pp. ,48X:19228-221,ODI:GPU 0007 ,TN:GB02 NOT REVIEWED

8307070519 Forwards rev to 790404 operating instructions for operator  
action to override ESF actuation sys & terminate HPI. Rev  
allows operator alternative to 20 minute operability period  
to preclude pressurizer from going solid.

BRAZIL, G.J. :Babcock & Wilcox Co.  
HAM, R.E. :Babcock & Wilcox Co.  
DATE ISS:79/04/17, 2pp. ,48X:19337-162,ODI:GPU 0067 ,TN:GB02 NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
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8307070522 Discusses preparation of operating guidelines for small break  
in RCPB.

ROY, D.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/28, 3pp. ,48X:19337-164,ODI:GPU 0068 ,TN:GB02

NOT REVIEWED

8307070538 "Operating Procedure Guidelines for Small Breaks."

TAYLOR, J.H. :Babcock & Wilcox Co.  
:  
DATE ISS:79/05/05, 28pp. ,48X:19337-169,ODI:GPU 0069 ,TN:GB02

NOT REVIEWED

8307070548 Submits preliminary rept of Safety Concern PSC 18-79 re  
plant operators panel instrumentation readout limited to  
2500 psig, below Tech Spec limit. Analysis concludes condition  
not reportable per 10CFR50.55e or 10CFR21.

TAYLOR, J.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/05, 3pp. ,48X:19337-219,ODI:GPU 0071 ,TN:GB02

NOT REVIEWED

8307070552 Submits preliminary rept of Safety Concern PSC 25-79 re  
sequence of events identified during simulator training  
which could lead to saturated conditions in reactor core.  
Concern not reportable per 10CFR50.55e or 10CFR21.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/09/06, 5pp. ,48X:19337-222,ODI:GPU 0072 ,TN:GB02

NOT REVIEWED

8307120331 Recommends guidelines for customers re HPIS operation in  
light of recent events at Toledo site.

KELLY, J.J. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:77/11/01, 4pp. ,48X:19512-330,ODI:GPU 0076 ,TN:GB02

NOT REVIEWED

8307070572 Discusses concerns within ECCS analysis re potential for  
operator action to terminate HPI following initial stage of  
LOCA. Full injection flow must be maintained from start  
of emergency ESFF actuation svcs.

DUNN, B.M. :Babcock & Wilcox Co.  
TAYLOR, J. :Babcock & Wilcox Co.  
DATE ISS:78/02/07, 3pp. ,48X:19337-250,ODI:GPU 0078 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120340 Recommends procedure for termination HPI following LOCA.  
Scheme acceptable from standpoint of preventing adverse long  
adverse long-range problems & easier to implement.

DUNN, B.M. :Babcock & Wilcox Co.  
TAYLOR, J. :Babcock & Wilcox Co.  
DATE ISS:78/02/16, 2pp. ,48X:19512-337,ODI:GPU 0079 ,TN:GB02 NOT REVIEWED

8307120348 Minutes of 781127 meeting w/Toledo Edison Co in Lynchburg,  
VA re design & requirements for Davis-Besse Unit 1 auxiliary  
feedwater sys operation. List of attendees & meeting agenda  
encl.

CARTIN, L.R. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:78/11/29, 15pp. ,48X:19512-341,ODI:GPU 0082A ,TN:GB02 NOT REVIEWED

8307120354 Provides supplementary operating instructions for HPI sys  
due to 790328 incident at TMI-2.

FAIRBURN, G.T. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/04, 2pp. ,48X:19512-356,ODI:GPU 0085 ,TN:GB02 NOT REVIEWED

8307120372 Forwards info which includes curve to assist operator in  
meeting RCS subcooling limits if HPI initiated by low  
RCS pressure.

HALLMAN, D.F. :Babcock & Wilcox Co.  
ELLISON, K.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/10, 2pp. ,48X:19512-361,ODI:GPU 0087 ,TN:GB02 NOT REVIEWED

8307120783 Part 21 rept re small break LOCA at reactor coolant pump  
discharge. Initially reported on 780412. Potential solutions  
being evaluated. Normal plant operations should continue  
until investigation & solution complete.

TAYLOR, J.H. :Babcock & Wilcox Co.  
VOLGENAU, E. :Office of Inspection & Enforcement, Office of the Director  
DATE ISS:78/04/14, 9pp. ,48X:19464-128,ODI:GPU 0091 ,TN:GB02 NOT REVIEWED

8307120809 Rev 6 to NPG-1701-01 "Processing of Safety Concerns."

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/06/20, 7pp. ,48X:19464-156,ODI:GPU 0093 ,TN:GB02 NOT REVIEWED

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8307120813 Rev 5 to NPG-1707-01 "Processing of Safety Concerns."

\* :Babcock & Wilcox Co.

DATE ISS:77/11/21, 6pp. ,48X:19464-163,ODI:GPU 0094 ,TN:GB02

NOT REVIEWED

8307020212 Submits operating instructions for stuck open PORV. PORV not used in safety analysis calculations. Increasing PORV setpoint will result in decrease in plant flexibility.

KANE, E.R. :Babcock & Wilcox Co.

WOMACK, E.A. :Babcock & Wilcox Co.

DATE ISS:79/04/09, 1p. ,48X:19225-111,ODI:GPU 0135 ,TN:GB02

NOT REVIEWED

8307020264 Forwards guide for preparing ATOG event trees. Advises that meeting will be held on 790816 to discuss & make changes to guide as well as recommended changes to LOFW tree.

KELLY, J.J. :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/08/15, 45pp. ,48X:19226-077,ODI:GPU 0155 ,TN:GB02

NOT REVIEWED

8307020265 Lists plant integration comments on operating guidelines for small breaks.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/05/08, 1p. ,48X:19222-072,ODI:GPU 0156 ,TN:GB02

NOT REVIEWED

8307020266 Responds to JJ Kelly 800221 question re development of new simulator code in reasonable schedule to support ATOG training. Proposed plan for possible simulator upgrade submitted.

KELLY, J.J. :Babcock & Wilcox Co.

WOMACK, E.A. :Babcock & Wilcox Co.

DATE ISS:80/02/27, 2pp. ,48X:19226-124,ODI:GPU 0157 ,TN:GB02

NOT REVIEWED

8307050221 Discusses functions of abnormal transient operation guidelines program which should provide plant operators w/realistic plant responses to various multiple casualties including equipment failures & operator errors.

KELLY, J.J. :Babcock & Wilcox Co.

MORGAN, C.D. :Babcock & Wilcox Co.

DATE ISS:79/09/28, 3pp. ,48X:19226-126,ODI:GPU 0158 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307050232 Responds to 791009 memo re ATOG computer code problems. Power train & TRAP transient codes to be used for bulk of work & faster running version of TRAP will be used for transients already benchmarked against TRAP.  
KELLY, J.J. :Babcock & Wilcox Co.  
DAVIS, R.B. :Babcock & Wilcox Co.  
DATE ISS:79/10/15, 3pp. ,48X:19226-129,ODI:GPU 0159 ,TN:GB02 NOT REVIEWED
- 8307050237 Discusses potential problems which became apparent during process of developing & reviewing event trees for ATOG program. Equipment limitations re safety or plant reliability & potential operator errors possible problems.  
KELLY, J.J. :Babcock & Wilcox Co.  
WRIGHT, R.L. :Babcock & Wilcox Co.  
DATE ISS:79/10/19, 2pp. ,48X:19226-132,ODI:GPU 0160 ,TN:GB02 NOT REVIEWED
- 8307120878 Defines output, responsibilities, interfaces & working relationships of team assigned to execute abnormal transient operating guidelines program.  
KELLY, J.J. :Babcock & Wilcox Co.  
JONES, R.C. :Babcock & Wilcox Co.  
DATE ISS:79/08/21, 6pp. ,48X:19464-328,ODI:GPU 0161 ,TN:GB02 NOT REVIEWED
- 8307050240 "Development of Operating Guidelines for Abnormal Transient Operating Guidelines Program."  
\* :Babcock & Wilcox Co.  
DATE ISS:81/05/07, 3pp. ,48X:19226-134,ODI:GPU 0162 ,TN:GB02 NOT REVIEWED
- 8307120614 Provides end-of-the-year update on abnormal transient operational guidelines program. Update discusses program status, guideline development & program interactions.  
KELLY, J.J. :Babcock & Wilcox Co.  
ANDERSON, G.E. :Babcock & Wilcox Co.  
DATE ISS:79/12/21, 10pp. ,48X:19493-015,ODI:GPU 0163 ,TN:GB02 NOT REVIEWED
- 8307080582 Lists top ten lessons learned from TMI-2.  
KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/11, 2pp. ,48X:19489-314,ODI:GPU 0213 ,TN:GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080729 Minutes of 791108 & 30 staff meetings to review findings & recommendations of Technical Review Committee established after TMI-2 accident.

BALL, R.M. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/12/07, 29pp. ,48X:19490-014,ODI:GPU 0232 ,TN:GB02 NOT REVIEWED

8307090057 Forwards RO Vosburgh & MV Bonaca recommendations re TMI-2 aftermath planning for improved safety.

LABELLE, D.W. :Babcock & Wilcox Co.  
ROY, D.H. :Babcock & Wilcox Co.  
DATE ISS:79/05/07, 5pp. ,48X:19490-220,ODI:GPU 0286 ,TN:GB02 NOT REVIEWED

8307090059 "Potential Lessons to be Learned From TMI-2."

LABELLE, D.W. :Babcock & Wilcox Co.  
DATE ISS:79/05/25, 2pp. ,48X:19490-225,ODI:GPU 0287 ,TN:GB02 NOT REVIEWED

8307090104 Requests review of proposed operating instruction re pressurizer relief valve. Procedure should be implemented for all operating reactors if approved.

SWANSON, E.W. :Babcock & Wilcox Co.  
KANE, E.R. :Babcock & Wilcox Co.  
DATE ISS:79/04/05, 1p. ,48X:19490-334,ODI:GPU 0296 ,TN:GB02 NOT REVIEWED

8307090107 Forwards operating instructions for isolation of stuck open PORV for review. Instruction should be forwarded to operating plant customers as changes to operating/emergency procedure.

NEWTON, D.G. :Babcock & Wilcox Co.  
FAIRBURN, G.T. :Babcock & Wilcox Co.  
DATE ISS:79/04/08, 4pp. ,48X:19490-335,ODI:GPU 0297 ,TN:GB02 NOT REVIEWED

8307090112 Forwards operating instructions for stuck open PORV, per 790407 request.

NEWTON, D.G. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:79/04/08, 4pp. ,48X:19490-339,ODI:GPU 0298 ,TN:GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090117 Discusses operating instructions for stuck open PORV.

KANE, E.R. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:79/04/09, 1p. ,48X:19490-343,ODI:GPU 0299 ,TN:GB02

NOT REVIEWED

8307120825 "DHR During Very Small Break LOCA for B&W 205-Fuel-Assembly PWR."

MICHELSON, C. :General Public Utilities - GPU Service Corp.  
DATE ISS:78/01/31, 34pp. ,48X:19494-001,ODI:GPU 0323 ,TN:GB02

NOT REVIEWED

8307130014 Forwards description of personal statement re contribution toward reestablishment of stable plant conditions following trip & subsequent transient experienced at Unit 2, beginning w/790328 turbine/reactor trip.

ROGERS, L.C. :Babcock & Wilcox Co.  
DATE ISS:79/06/12, 34pp. ,48X:19498-152,ODI:GPU 0335 ,TN:GB02

NOT REVIEWED

8307020191 Forwards latest rev of 750107 ltr to LR Pletke w/estimate of manpower work required to produce documents.

ROGERS, L.C. :Babcock & Wilcox Co.  
BERGER, C.F. :Babcock & Wilcox Co.  
DATE ISS:75/01/09, 8pp. ,48X:19224-230,ODI:GPU 0341 ,TN:GB02

NOT REVIEWED

8307020195 Proposes arrangements for execution of work re test procedure preparation described in 750107 ltr as tasks under Master Svcs Contract.

SCHMIDT, K.F. :Babcock & Wilcox Co.  
HOWARD, R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:75/02/06, 5pp. ,48X:19224-238,ODI:GPU 0342 ,TN:GB02

NOT REVIEWED

8307020197 Change Order 1 to Purchase Order 47106.

GUERIN, J.E. :General Public Utilities - GPU Service Corp.  
DATE ISS:75/03/17, 5pp. ,48X:19224-243,ODI:GPU 0343 ,TN:GB02

NOT REVIEWED

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8307020204 Proposes addl test procedure preparation as addition to  
master contract for engineering & technical svcs.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
GUERIN, G.E. :Metropolitan Edison Co.  
DATE ISS:81/08/12, 3pp. ,48X:19224-248,ODI:GPU 0344 ,TN:GB02

NOT REVIEWED

8307130047 Forwards updated issues of plant setpoints & BAW chemistry  
guide specs. Figure 1 of BAW 2050 will be supplied later.  
w/o encl.

ROGERS, L.C. :Babcock & Wilcox Co.  
TOOLE, R.J. :General Public Utilities - GPU Service Corp.  
DATE ISS:77/07/13, 2pp. ,48X:19498-194,ODI:GPU 0345 ,TN:GB02

NOT REVIEWED

8307020207 Summary of 771115-16 User's Group meeting in Washington, DC.

COBB, W.A. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/02/03, 33pp. ,48X:19224-251,ODI:GPU 0346 ,TN:GB02

NOT REVIEWED

8307020220 Forwards info re operating instructions for symptoms of  
stuck open power operated relief valve which has been  
reviewed & approved for transmittal to customer.

FAIRBURN, G.T. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/05/07, 2pp. ,48X:19224-342,ODI:GPU 0354 ,TN:GB02

NOT REVIEWED

8307020223 Forwards instructions for performing operability checks of  
electromatic relief valves mfg by Dresser Industries.  
Instructions are also applicable to pressurematic relief  
valves at TECO, mfg by Croaby.

CULBERSON, D.G. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/13, 3pp. ,48X:19224-344,ODI:GPU 0355 ,TN:GB02

NOT REVIEWED

8307020244 Responds to questions from 790529 meeting re filling of  
OTSG & loss of one feedwater pump.

FAIRBURN, G.T. :Babcock & Wilcox Co.  
SLEAR, D.G. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/03, 2pp. ,48X:19225-059,ODI:GPU 0364 ,TN:GB02

NOT REVIEWED

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8307130128 Site problem reop resolution transmittal,13-6-183-0.

ROGERS,L.C. :Babcock & Wilcox Co.

DATE ISS:79/02/20, 8pp. ,48X:19499-127,ODI:GPU 0368 ,TN:GB02

NOT REVIEWED

8307130136 Discusses recommendation for insp & repairs to all B&W OTSG  
re possibly generic weld deficiencies.

PITTMAN,R.L. :Babcock & Wilcox Co.

DATE ISS:76/04/26, 175pp. ,48X:19499-135,ODI:GPU 0371 ,TN:GB02

NOT REVIEWED

8307120710 Resume of JD Phinney.

PHINNEY,J.D. :Babcock & Wilcox Co.

DATE ISS:82/01/13, 3pp. ,48X:19461-017,ODI:GPU 0403 ,TN:GB02

NOT REVIEWED

8307060542 Comments on forty-three procedures submitted by Met Ed in  
Oct & Nov 1971 for review.No action taken,List of document  
assignment encl to initiate review.Completed review of few  
documents by 740212 & all documents by 740228 requested.

SCHIECK,G.C. :Babcock & Wilcox Co.

ALBERT,J.R. :Babcock & Wilcox Co.  
DATE ISS:74/02/07, 3pp. ,48X:19302-232,ODI:GPU 0404 ,TN:GB02

NOT REVIEWED

8307060546 Forwards results of procedure review by Nuclear Svc for  
interaction w/B&W supplied equipment & sys.Comments on  
pressurizer sys failures encl.

SCHIECK,G.C. :Babcock & Wilcox Co.

PHINNEY,J.D. :Babcock & Wilcox Co.  
DATE ISS:74/02/20, 15pp. ,48X:19302-235,ODI:GPU 0405 ,TN:GB02

NOT REVIEWED

8307060550 Submits outline of std means of onsite handling of problem  
repts from various organizations which have impact on  
equipment or schedules.

ROGERS,L.C. :Babcock & Wilcox Co.

WARD,K.G. :Babcock & Wilcox Co.  
DATE ISS:73/09/06, 3pp. ,48X:19302-250,ODI:GPU 0406 ,TN:GB02

NOT REVIEWED



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8307060557 Administrative Manual Policy & Procedure NPG-0503-04 Rev 6,  
"Site Problem Rept."

\* :Babcock & Wilcox Co.

DATE ISS:82/01/14, 7pp. ,48X:19302-253,ODI:GPU 0407 ,TN:GB02

NOT REVIEWED

8307060559 Submits weekly status rept for wk ending 730504.

PHINNEY,J.D. :Babcock & Wilcox Co.

BEACH,H.R. :Babcock & Wilcox Co.

DATE ISS:73/05/04, 3pp. ,48X:19302-260,ODI:GPU 0408 ,TN:GB02

NOT REVIEWED

8307060582 Submits weekly progress rept for TMI-I for wk ending 721117.

WESSMAN,R.H. :Babcock & Wilcox Co.

BEACH,H.R. :Babcock & Wilcox Co.

DATE ISS:72/11/20, 3pp. ,48X:19302-319,ODI:GPU 0414 ,TN:GB02

NOT REVIEWED

8307060606 Request update of listed operating procedures.

PHINNEY,J.D. :Babcock & Wilcox Co.

ROGERS,L.C. :Babcock & Wilcox Co.

DATE ISS:75/01/10, 2pp. ,48X:19302-322,ODI:GPU 0415 ,TN:GB02

NOT REVIEWED

8307060610 Submits no comment to 730730 memo forwarding TCN-2 to Test  
Procedure 250/2.B&W correspondence to util during 1973,1974,  
1976,1977,1978 & 1979 re procedures encl.

PHINNEY,J.D. :Babcock & Wilcox Co.

MILLER,G.P. :General Public Utilities - GPU Service Corp.

DATE ISS:73/08/01, 39pp. ,48X:19302-324,ODI:GPU 0416 ,TN:GB02

NOT REVIEWED

8307060641 Requests to be included on distribution list of repts issued  
re proposed work for I&C Human Engineering of 790718 TMI-2  
concerns list.

HALLMAN,D.F. :Babcock & Wilcox Co.

CRAIG,R.W. :Babcock & Wilcox Co.

DATE ISS:79/07/27, 1p. ,48X:19340-014,ODI:GPU 0428 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307070004 Comments on Procedure 15 Rev. 1, "Reactor Coolant Pump Startup." Specific comments on Procedure EP-1, Rev 1 included.
- KENNEDY, R.K. :Babcock & Wilcox Co.  
ROGERS, L. :Babcock & Wilcox Co.  
DATE ISS:79/04/05, 2pp. ,48X:19340-062,ODI:GPU 0436 ,TN:GB02 2.2
- 8307070009 Comments on NUREG-0578, "TMI-2 Lessons Learned Task Force Status Rpt & Short-term Recommendations." Maint of pump auxiliaries to avoid premature tripping recommended.
- KENNEDY, R.K. :Babcock & Wilcox Co.  
STANEK, L.J. :Babcock & Wilcox Co.  
DATE ISS:79/08/28, 2pp. ,48X:19340-064,ODI:GPU 0437 ,TN:GB02 2.2
- 8307120764 Handwritten rept, "DHR Problem Associated W/Recovery From Very Small Break LOCA for C-E Sys 80 PWR."
- \* :Combustion Engineering, Inc.  
DATE ISS:77/05/15, 50pp. ,48X:19461-058,ODI:GPU 0470 ,TN:GB02 NOT REVIEWED
- 8307130163 Emergency Operating Spec 69-1001168-00, "Loss of Reactor Coolant/RCS Pressure."
- VEENSTRA, J. :Babcock & Wilcox Co.  
DATE ISS:77/01/05, 8pp. ,48X:19503-257,ODI:GPU 0474 ,TN:GB02 2.5
- 8307130184 Forwards "Adequacy of TMI-2 Procedures for Case of Loss of Reactor Coolant at Top of Pressurizer." Emergency Procedures 2202-1.5 & 2202-1.3 not adequate for mitigating effects of loss of coolant at top of pressurizer.
- MICHELSON, C. :ACRS - Advisory Committee on Reactor Safeguards  
ETHERINGTON, H. :ACRS - Advisory Committee on Reactor Safeguards  
DATE ISS:79/11/06, 1p. ,48X:19503-278,ODI:GPU 0478 ,TN:GB02 2.5
- 8307060558 Operating instruction for stuck-open PORV, per IE Bulletin 79-05.
- NEWTON, D.G. :Babcock & Wilcox Co.  
DATE ISS:79/04/08, 4pp. ,48X:19340-293,ODI:GPU 0496 ,TN:GB02 2.5

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- 8307060589 Discusses pressurizer sys failure - stuck open spray valve. Emergency Procedure EP-2202-1.5 should be revised to incorporate response actions to valve failure. Unit 1 procedure should be revised since procedure in error.  
SHETLER, J.R. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:76/01/08, 3pp. ,48X:19340-337,ODI:GPU 0504 ,TN:GB02 2.5
- 8307060593 Forwards draft Rev 0 to Emergency Procedure EP 2202-1.3, "Loss of Reactor Coolant/RCS Pressure," for review & comment.  
ROGERS, L.C. :Babcock & Wilcox Co.  
HILBISH, J.F. :Metropolitan Edison Co.  
DATE ISS:76/02/20, 25pp. ,48X:19340-340,ODI:GPU 0505 ,TN:GB02 2.5
- 8307070153 Part 21 evaluation report re discrepancy between steam line break analysis & actual operating parameters for startup & shutdown of steam generators w/seal-welded feedwater nozzles. Initially reported on 780202 by Met Ed.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
SEYFRIT, K.V. :Office of Inspection & Enforcement, Office of the Director  
DATE ISS:78/02/07, 4pp. ,48X:19341-075,ODI:GPU 0528 ,TN:GB02 IRRELEVANT
- 8307070401 Discusses top 10 lessons learned from TMI-2 accident.  
BERGER, D.W. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/05, 10pp. ,48X:19341-112,ODI:GPU 0536 ,TN:GB02 2.5
- 8307080585 Deposition of FJ Scheimann in Harrisburg, PA. Pp 2-127.  
SCHEIMANN, F.J. :Metropolitan Edison Co.  
DATE ISS:79/07/24, 242pp. ,48X:19417-004,ODI:GPU 0538 ,TN:GB02 NOT REVIEWED
- 8307070439 Discusses emergency operation guideline preparation & maint. Comments on encl LER review proposal requested by 740807.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:79/07/30, 8pp. ,48X:19341-247,ODI:GPU 0541 ,TN:GB02 2.5

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8307130267 Emergency Operating Spec 69-1001168-01, "Loss of Reactor  
Coolant/RCS Pressure."

SCOTT, T.F. :Babcock & Wilcox Co.

DATE ISS:78/05/15, 11pp. ,48X:19504-180,ODI:GPU 0543 ,TN:GB02 2.5

8307070447 Forwards surveillance instructions sent to customers re  
previous PORV failures.

HALLMAN, D.F. :Babcock & Wilcox Co.

MULLIN, J.G. :Babcock & Wilcox Co.

DATE ISS:79/09/10, 9pp. ,48X:19341-257,ODI:GPU 0544 ,TN:GB02 IRRELEVANT

8307070449 Rev 4 to Policies & Procedures NPG-0504-12, "Preparation &  
Processing of Site Instructions."

\* :Babcock & Wilcox Co.

DATE ISS:78/02/20, 2pp. ,48X:19341-266,ODI:GPU 0545 ,TN:GB02 IRRELEVANT

8307070453 Rev 2 to Policies & Procedures NPG-0504-13, "Preparation of  
Site Support Documents."

\* :Babcock & Wilcox Co.

DATE ISS:77/06/01, 18pp. ,48X:19341-268,ODI:GPU 0546 ,TN:GB02 2.5

8307070455 Forwards Rev 0 to Emergency Operating Spec 69-1001168, "Loss  
of Reactor Coolant/RCS Pressure," technical document.

GOSLOW, C.E. :Babcock & Wilcox Co.

WANDLING, G.K. :Babcock & Wilcox Co.

DATE ISS:78/02/06, 1p. ,48X:19341-286,ODI:GPU 0547 ,TN:GB02 2.5

8307070470 Comments on encl Rev 0 to Emergency Operating Spec  
69-1001168, "Loss of Reactor Coolant/RCS Pressure."

GOSLOW, C.E. :Babcock & Wilcox Co.

FINNIN, R.J. :Babcock & Wilcox Co.

DATE ISS:78/02/06, 1p. ,48X:19341-294,ODI:GPU 0548 ,TN:GB02 2.5

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8307070475 Comments on encl Rev 0 to Emergency Operating Spec  
69-1001168, "Loss of Reactor Coolant/RCS Pressure."

GOSLOW,C.E. :Babcock & Wilcox Co.  
SHIVELY,J.S. :Babcock & Wilcox Co.  
DATE ISS:78/01/06, 7pp. ,48X:19341-302,ODI:GPU 0549 ,TN:GB02 2.5

8307130288 Expresses concern w/ECCS analysis re operator interruption  
of HPI following initial stage of LOCA.Operating Procedures  
to allow termination of HPI under stated conditions should  
be written.

DUNN,B.M. :Babcock & Wilcox Co.  
TAYLOR,J. :Babcock & Wilcox Co.  
DATE ISS:78/02/09, 3pp. ,48X:19503-354,ODI:GPU 0550 ,TN:GB02 2.5

8307130296 Discusses acceptable procedure for terminating HPI following  
LOCA.Procedure requested in 780209 memo will be modified  
accordinaly.

DUNN,B.M. :Babcock & Wilcox Co.  
TAYLOR,J. :Babcock & Wilcox Co.  
DATE ISS:78/02/16, 2pp. ,48X:19503-357,ODI:GPU 0551 ,TN:GB02 2.5

8307070483 Forwards Rev 1 to Emergency Operating Spec 69-1001168, "Loss  
of Reactor Coolant/RCS Pressure."

\* :Babcock & Wilcox Co.  
GOSLOW,C. :Babcock & Wilcox Co.  
DATE ISS:78/03/03, 2pp. ,48X:19341-316,ODI:GPU 0552 ,TN:GB02 2.5

8307070491 Comments on "Loss of Reactor Coolant/RCS Pressure."

\* :Babcock & Wilcox Co.  
GOSLOW,C. :Babcock & Wilcox Co.  
DATE ISS:78/02/21, 1p. ,48X:19341-326,ODI:GPU 0553 ,TN:GB02 2.5

8307070505 Forwards draft writeups on small break scenarios to be used  
in small break cooldown procedure.Comments,in procedure form  
requested.

JONES,R.C. :Babcock & Wilcox Co.  
KANE,E.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/02, 9pp. ,48X:19341-350,ODI:GPU 0556 ,TN:GB02 2.5

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8307070509 Discusses LOCA-type accidents.

GOSLOW, C.E. :Babcock & Wilcox Co.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
DATE ISS:79/04/10, 1p. ,48X:19341-359, ODI:GPU 0557 ,TN:GB02 NOT REVIEWED

8307070512 Discusses symptoms of transients.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:82/06/17, 1p. ,48X:19341-360, ODI:GPU 0558 ,TN:GB02 NOT REVIEWED

8307060608 Informs that ECCS analysis finds 2-ft level adequate when fed by main feedwater. Response valid for 2 & 3 pump operation. Internal memo from 781128 re interim operating instructions encl.

DUNN, B.M. :Babcock & Wilcox Co.  
SWANSON, E. :Babcock & Wilcox Co.  
DATE ISS:78/11/22, 3pp. ,48X:19343-133, ODI:GPU 0593 ,TN:GB02 2.5

8307060625 Rev 1 to "Reactivity Calculation."

HOYT, K.R. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:77/09/08, 4pp. ,48X:19343-146, ODI:GPU 0599 ,TN:GB02 IRRELEVANT

8307060626 "TMI Nuclear Station Reactivity Balance."

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:77/09/08, 56pp. ,48X:19343-150, ODI:GPU 0600 ,TN:GB02 IRRELEVANT

8307060442 Temporary Change Notice 2-78-410 to Procedure 2103-1.9, "Reactivity Balance." Change will update estimated physics values w/zero power physics test measured results.

BENSON, M.J. :Metropolitan Edison Co.  
:;  
DATE ISS:78/04/19, 4pp. ,48X:19343-206, ODI:GPU 0601 ,TN:GB02 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307060479 Informs that inconsistencies identified between operating procedures, Tech Specs & steam line break accident requirements in plants w/seal welded steam generator feedwater nozzles. Tech Specs will be revised.

MCBRIDE, A. :Babcock & Wilcox Co.

COBB, A.L. :Babcock & Wilcox Co.

DATE ISS:77/06/15, 2pp. ,48X:19343-216,ODI:GPU 0606 ,TN:GB02

IRRELEVANT

8307120842 Procedure SP 1103.05 "Pressurizer Operation."

NISSEN, B. :Toledo Edison Co.

DATE ISS:75/07/09, 31pp. ,48X:19494-268,ODI:GPU 2014 ,TN:GB02

NOT REVIEWED

8307120845 Procedure EP 1202.29 "Pressurizer Sys Failure."

CHERRY, J. :Toledo Edison Co.

DATE ISS:74/05/03, 17pp. ,48X:19494-298,ODI:GPU 2015 ,TN:GB02

NOT REVIEWED

8307120850 Procedure PP 1101.01 "Nuclear Steam Supply Sys Limit & Precautions."

LINGENFILTER, J. :Toledo Edison Co.

DATE ISS:74/11/14, 71pp. ,48X:19494-315,ODI:GPU 2016 ,TN:GB02

NOT REVIEWED

8307120792 Emergency Procedure EP 1202.04, "Reactor Trip," nuclear safety-related.

LINGENFELTER, J. :Toledo Edison Co.

DATE ISS:76/04/20, 11pp. ,48X:19502-332,ODI:GPU 2020 ,TN:GB02

NOT REVIEWED

8307120796 Rev 1 to Operating Procedure 1202.04, "Reactor Trip."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:72/10/09, 5pp. ,48X:19502-343,ODI:GPU 2022 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120889 Discusses once-through steam generator (OTSG) level requirements during plant shutdown & startup. Operating guidelines for maintaining OTSG level encl.

ROGERS, L.C. : Babcock & Wilcox Co.  
LAWYER, L.L. : Metropolitan Edison Co.  
DATE ISS: 78/02/01, 3pp. , 48X:19503-083, ODI:GPU 2034 , TN:GB02

NOT REVIEWED

8307120895 Forwards "Rept of Startup & Shutdown Procedures for Steam Generators w/Seal Welded Feedwater Nozzles," for info to assist in reporting June 1977 safety concern. Ack in writing to NRC & B&W requested within 48 h.

\* : Babcock & Wilcox Co.  
POTTS, W.E. : Metropolitan Edison Co.  
DATE ISS: 74/02/28, 4pp. , 48X:19503-086, ODI:GPU 2035 , TN:GB02

NOT REVIEWED

8307120899 Forwards LER 78-008/01T-0.

HERBEIN, J.G. : Metropolitan Edison Co,  
GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS: 78/02/16, 1p. , 48X:19513-316, ODI:GPU 2036 , TN:GB02

NOT REVIEWED

8307120919 Advises that operations in recirculation flow mode should be limited to lessen probability of shaft crack development in shaft keyway region of DHR pump. DHR pump operating restrictions listed.

ROGERS, L.C. : Babcock & Wilcox Co.  
MILLER, G.P. : Metropolitan Edison Co.  
DATE ISS: 77/07/26, 2pp. , 48X:19503-115, ODI:GPU 2038 , TN:GB02

NOT REVIEWED

8307070315 Recommends operating only in run speed except for purpose of latching control rod drive mechanism to leadscrew when rod known to be at lower limit of travel. Appropriate changes to operating & emergency procedures requested.

ROGERS, L.C. : Babcock & Wilcox Co.  
LAWYER, L.L. : Metropolitan Edison Co.  
DATE ISS: 78/04/12, 2pp. , 48X:19338-167, ODI:GPU 2040 , TN:GB02

NOT REVIEWED

8307070322 Informs that operation at low speed w/stuck rod can result in 900 lb force on control rod. B&W has not verified force acceptability. Caution to Procedures 1105-9 & 1202-8 will be added.

HARTMAN, C.E. : General Public Utilities - GPU Service Corp.  
O'HANLON, J.P. : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/05/08, 3pp. , 48X:19338-169, ODI:GPU 2041 , TN:GB02

NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080001 Advises of necessity to meticulously follow vendor  
stator-water jacket installation procedure to avoid damaging  
bottom O-rings.

ROGERS, L.C. ;Babcock & Wilcox Co.  
LAWYER, L.L. ;Metropolitan Edison Co.  
DATE ISS:78/05/16, 2pp. ,48X:19338-172,ODI:GPU 2042 ,TN:GB02 NOT REVIEWED

8307120942 "Shift Supervisor Training Program."

\* ;General Public Utilities - GPU Service Corp.  
DATE ISS:77/03/22, 7pp. ,48X:19503-194,ODI:GPU 2061 ,TN:GB02 NOT REVIEWED

8307090120 Tech Spec Sections 1 through 6 for Unit 2, w/temporary Amend  
4 to License DPR-73, issued as result of 790328 incident.

\* ;Metropolitan Edison Co.  
DATE ISS:79/10/23, 400pp. ,48X:19484-139,ODI:GPU 2064 ,TN:GB02 NOT REVIEWED

8307110725 Rev 4 to Operating Procedure 2101-1.1 for TMI-2, "Nuclear  
Plant Limits & Precautions."

\* ;Babcock & Wilcox Co.  
DATE ISS:78/08/08, 72pp. ,48X:19485-179,ODI:GPU 2065 ,TN:GB02 NOT REVIEWED

8307110729 Compendium of TMI-2 emergency procedures.

\* ;Babcock & Wilcox Co.  
DATE ISS:78/10/25, 383pp. ,48X:19485-252,ODI:GPU 2066 ,TN:GB02 NOT REVIEWED

8307080017 Transcript of President's Commission on Accident at TMI  
third meeting on 790530 in Washington, DC. Pp 1-210. W/o  
Pp 5-112.

\* ;President's Commission on the Accident at Three Mile Island  
DATE ISS:79/05/30, 103pp. ,48X:19338-209,ODI:GPU 2069 ,TN:GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080036 Submits guidance for performance of valve line-ups to prevent reoccurrence of 781202 incident re low pressure trip & extraction steam injection.

FLOYD, J.R. :Metropolitan Edison Co.  
:Metropolitan Edison Co.

DATE ISS:78/12/18, 2pp. ,48X:19338-311,ODI:GPU 2071 ,TN:GB02

NOT REVIEWED

8307110335 Requests ack, by initialing encl sign off sheet, of review & understanding of small break LOCA procedure changes.

FLOYD, J.R. :Metropolitan Edison Co.  
:Metropolitan Edison Co.

DATE ISS:78/05/10, 3pp. ,48X:19483-317,ODI:GPU 2074 ,TN:GB02

NOT REVIEWED

8307110353 IE Investigative Rept 50-320/79-10 on 790328.

\* :Office of Inspection & Enforcement, Office of the Director

DATE ISS:79/08/31, 125pp. ,48X:19483-169,ODI:GPU 2080 ,TN:GB02

NOT REVIEWED

8307110795 Revised "Analysis of TMI-Unit 2 Accident."

\* :Electric Power Research Institute

DATE ISS:80/03/31, 59pp. ,48X:19463-151,ODI:GPU 2081 ,TN:GB02

NOT REVIEWED

8307110796 "TMI Rept to Commissioners & Public," Vol 2, Part 2.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 58pp. ,48X:19463-210,ODI:GPU 2082 ,TN:GB02

NOT REVIEWED

8307120884 Forwards work completed in May 1979, investigating methods of detecting operation of PORV.

ROBERTS, R.C. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.

DATE ISS:79/06/11, 23pp. ,48X:19499-319,ODI:GPU 2097 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080058 Forwards revised operating instructions allowing alternative to 20-minute operability period under certain conditions, to preclude pressurizer from coming solid. Rev supplements 790404 instructions.  
FAIRBURN, G.T. : Babcock & Wilcox Co.  
MILLER, G.P. : Metropolitan Edison Co.  
DATE ISS: 79/04/18, 2pp. , 48X:19339-067, ODI:GPU 2101 , TN:GB02 NOT REVIEWED

8307080071 Forwards IE Insp Repts 50-289/78-23 & 50-320/78-36 on 781204-08 & 12-14 & notice of violation.  
BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 79/01/09, 2pp. , 48X:19358-066, ODI:GPU 2103 , TN:GB02 NOT REVIEWED

8307080127 Forwards IE Insp Rept 50-320/79-02 on 790130-31. No noncompliance noted.  
BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 79/02/07, 2pp. , 48X:19339-121, ODI:GPU 2106 , TN:GB02 NOT REVIEWED

8307050403 Revised Chapter 13 to FSAR, "Conduct of Operations."  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/04/07, 67pp. , 48X:19230-001, ODI:GPU 2156 , TN:GB02 NOT REVIEWED

8307120936 Rev 3 to Operating Procedure OP 1209.29, "OFR Unit 1 Pressurizer Abnormal Operations."  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 73/01/25, 15pp. , 48X:19500-287, ODI:GPU 2165 , TN:GB02 NOT REVIEWED

8307050454 Requests that each shift foreman review EP12 02 - 2&2A, "Station Blackout" & "Station Blackout W/Loss of Diesel Generators," w/shift. Encl ltr re Indian Point Unit 3 770713 trip forwarded for review & info.  
O'HANLON, J.P. : Metropolitan Edison Co.  
FLOYD, J.R. : Metropolitan Edison Co.  
DATE ISS: 77/07/22, 5pp. , 48X:19231-040, ODI:GPU 2172 , TN:GB02 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050475 Procedure change request for Rev 8 to EP 1202-6, "Loss of  
Reactor Coolant/Reactor Coolant Pressure."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/10/31, 55pp. ,48X:19231-063,ODI:GPU 2175 ,TN:GB02

NOT REVIEWED

8307050504 Summary of 790515 telcon w/Z Rosztoczy re stuck open PORV  
w/pumps running & no auxiliary feed.No core uncover  
will take place even if reactor pumps trip at most  
unfavorable time.

DUNN,B.M. :Babcock & Wilcox Co.  
KANE,E.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/29, 2pp. ,48X:19231-293,ODI:GPU 2203 ,TN:GB02

NOT REVIEWED

8307020254 "Analysis of TMI-2 Accident W/Continuous Operation of  
Reactor Coolant Pumps."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:82/12/31, 22pp. ,48X:19222-023,ODI:GPU 2213 ,TN:GB02

NOT REVIEWED

8307110734 "Guide for Preparing Nuclear Plant Operating, Emergency  
& Maint Procedures."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:68/08/31, 65pp. ,48X:19482-116,ODI:GPU 2311 ,TN:GB02

NOT REVIEWED

8307110738 Resume of RJ Marzec.

MARZEC,R.J. :Affiliation Unknown  
:  
DATE ISS:83/07/09, 3pp. ,48X:19482-183,ODI:GPU 2322 ,TN:GB02

NOT REVIEWED

8307080047 Rev 4 to Procedure 2301-3D1, "Surveillance Procedure."

\* :Metropolitan Edison Co.  
:  
DATE ISS:80/01/14, 3pp. ,48X:19360-094,ODI:GPU 2328 ,TN:GB02

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110751 "Compendium of TMI-2 Operating Procedures."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/03/07, 317pp. ,48X:19482-189,ODI:GPU 2330 ,TN:GB02

NOT REVIEWED

8307080128 Procedures 31533VX-30 & 31533VX, w/& w/o bellows, respectively, "Instructions for Operating & Repairing Consolidated Electromatic Relief Valve."

\* :Dresser Industries, Inc.

DATE ISS:83/07/05, 31pp. ,48X:19361-042,ODI:GPU 2336 ,TN:GB02

NOT REVIEWED

8307120615 Transcript re operating procedures for handling HPI. Pp 225-232.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 8pp. ,48X:19495-138,ODI:GPU 2348 ,TN:GB02

2.5

8307120619 Offer of proof for record on various points re R. Marzec proposed testimony but excluded by court concerning TMI operator actions concerning HPI.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 6pp. ,48X:19495-146,ODI:GPU 2349 ,TN:GB02

2.2, 2.5

8307080146 Recommends operating guidelines for small breaks.

HALLMAN, D.F. :Babcock & Wilcox Co.

LEMON, J.E. :Babcock & Wilcox Co.

DATE ISS:79/10/09, 1p. ,48X:19361-133,ODI:GPU 2405 ,TN:GB02

2.5, 2.6

8307080195 Discusses 731229-740104 weekly rept re hot functional testing.

PHINNEY, J.D. :Babcock & Wilcox Co.

BEACH, R.R. :Babcock & Wilcox Co.

DATE ISS:74/01/04, 3pp. ,48X:19361-148,ODI:GPU 2411 ,TN:GB02

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080211 "Interim Operating Guideline for Response to Allow Maint of  
HPI Sys on Low RCS Pressure."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/04/16, 4pp. ,48X:19361-153,ODI:GPU 2413 ,TN:GB02 2.2, 2.5

8307080271 Expresses appreciation for outstanding job in conduct of  
review re efforts, findings & recommendations concerning mat  
review of preliminary safety concerns procedure.

ROY, D.H. :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/12/14, 12pp. ,48X:19361-168,ODI:GPU 2421 ,TN:GB02 IRRELEVANT

8307080465 Forwards draft Rev 0 to EP 2202-1.3, "Loss of Reactor  
Coolant/RCS Pressure," for review & comment. Procedure  
writeup modified from Unit 1 in area of Part B, "Leak or  
Rupture of Significant Size Such that ESF..." W/o encl.

ROGERS, L.C. :Babcock & Wilcox Co.

HILBISH, J.F. :Metropolitan Edison Co.

DATE ISS:76/02/20, 1p. ,48X:19361-297,ODI:GPU 2453 ,TN:GB02 2.5

8307080483 "Emergency & Abnormal Procedures Quiz - Senior Reactor  
Operator."

KUNDER, S.A. :General Public Utilities - GPU Service Corp.

DATE ISS:76/10/20, 3pp. ,48X:19361-313,ODI:GPU 2456 ,TN:GB02 2.5

8307080487 "Emergency & Abnormal Procedures Quiz - Senior Reactor  
Operator."

KUNDER, G. :General Public Utilities - GPU Service Corp.

DATE ISS:77/01/09, 8pp. ,48X:19361-316,ODI:GPU 2457 ,TN:GB02 2.2, 2.5

8307080492 Forwards revised applicable sections of limits & precautions  
for reactor coolant pumps & motors.

ROGERS, L.C. :Babcock & Wilcox Co.

TOOLE, R.J. :Metropolitan Edison Co.

DATE ISS:77/05/20, 17pp. ,48X:19361-324,ODI:GPU 2458 ,TN:GB02 2.2, 2.5

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080498 Submits recommendations for RCS 10-10 pressure alarm & electromagnetic relief valve reset pressure, per high pressure injection setpoint.

ROGERS, L.C. : Babcock & Wilcox Co.  
TOOLE, R.J. : Metropolitan Edison Co.  
DATE ISS: 78/09/29, 2pp. , 48X: 19361-341, ODI: GPU 2459 , TN: GB02 IRRELEVANT

8307080520 Forwards IE Insp Rept 50-289/79-06 on 790221-23 & 26-28. No noncompliance noted.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 79/03/21, 2pp. , 48X: 19361-356, ODI: GPU 2462 , TN: GB02 2.5

8307080564 Lists procedures for all operating plants to follow when high pressure injection has actuated because of low pressure condition, following 790328 accident.

FAIRBURN, G.T. : Babcock & Wilcox Co.  
MILLER, G.P. : Metropolitan Edison Co.  
DATE ISS: 79/04/04, 3pp. , 48X: 19362-022, ODI: GPU 2466 , TN: GB02 2.2, 2.5

8307080573 "Small Break Operating Guidelines - Davis-Besse Unit 1."

WALLMAN, D.F. : Babcock & Wilcox Co.  
DATE ISS: 79/11/20, 37pp. , 48X: 19362-025, ODI: GPU 2467 , TN: GB02 2.2, 2.4, 2.5

8307080581 "Operating Guidelines for Small Breaks for Oconee 1, 2 & 3, TMI-1 & TMI-2, Crystal River 3 & Rancho Seco I."

\* : Babcock & Wilcox Co.  
DATE ISS: 83/07/06, 48pp. , 48X: 19362-066, ODI: GPU 2468 , TN: GB02 2.2, 2.4, 2.5

8307070375 Forwards "Procedures for Steam Generators W/Seal Welded Feedwater Nozzles," to assist in reporting June 1977 possible safety concern re once-through steam generator to NRC.

JANIS, J. : Babcock & Wilcox Co.  
POTTS, W.E. : Metropolitan Edison Co.  
DATE ISS: 78/02/01, 1p. , 48X: 19358-248, ODI: GPU 2492 , TN: GB02 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070398 Recommends periodic measurements be made to reduce  
inaccuracy of nuclear steam sys calculational package during  
Cycle 4 due to leakage currents of self-powered neutron  
detector. B&W correspondence from 780629-790531 encl.  
ROGERS, L.C. : Babcock & Wilcox Co.  
MILLER, G.P. : Metropolitan Edison Co.  
DATE ISS: 78/06/29, 45pp. , 48X:19358-252, ODI:GPU 2494 , TN:GB02 IRRELEVANT

8307080701 IE Insp Rept 50-289/79-06 on 790221-23 & 26-28. No  
noncompliance noted. Major areas inspected: preparation for  
refueling, refueling activities, selected LERs & pipe  
supports & restraints.  
KEIMIG, R.R. : Region 1, Philadelphia, Office of the Director  
DATE ISS: 79/03/20, 17pp. , 48X:19491-088, ODI:GPU 2508 , TN:GB02 2.5

8307120647 Responses to Questions 3 & 4 re operating procedures for  
loss of feed, loss of reactor coolant/loss of reactor  
coolant pressure & reactor trip.  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 83/07/11, 7pp. , 48X:19495-180, ODI:GPU 2619 , TN:GB02 2.4, 2.5

8307090007 Summary of 790416 meeting re operational limits which should  
govern operator actions to secure or terminate HPI.  
CARTIN, L.R. : Babcock & Wilcox Co.  
BRAZILL, G.J. : Babcock & Wilcox Co.  
DATE ISS: 79/04/18, 4pp. , 48X:19491-348, ODI:GPU 2707 , TN:GB02 2.5

8307120902 Excerpt from 790406 taped interview w/B Zewe by  
investigation team re perspective of time for emergency  
feed actuation.  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/04/06, 1p. , 48X:19512-049, ODI:GPU 6000 BB , TN:GB02 2.1

8307050404 Transcript of BM Dunn 791004 deposition. Pp 22, 26, 7, 11, 17-18,  
21 & 23-87.  
DUNN, B.M. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/10/04, 54pp. , 48X:19232-131, ODI:GPU 6020 , TN:GB02 2.5



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050411 Transcript of BM Dunn 790630 deposition. Pp 30-34,43-45,47,  
52-55,65-66,69-75,78,81-82 & 98-99.

DUNN, B.M. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/06/30, 29pp. ,48X:19232-185,ODI:GPU 6021 ,TN:GB02 2.5

8307050426 Transcript of NS Elliott 790705 deposition. Pp 78-82,146-147,  
156-157 & 159-167.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/07/05, 19pp. ,48X:19232-251,ODI:GPU 6024 ,TN:GB02 2.5

8307070127 Partial deposition of LC Rogers on 790629.

ROGERS, L.C. :Babcock & Wilcox Co.  
: :  
DATE ISS:79/06/29, 29pp. ,48X:19355-335,ODI:GPU 6039 ,TN:GB02 2.5

8307070171 Partial deposition of EG Ward on 791017.

WARD, E.G. :Babcock & Wilcox Co.  
: :  
DATE ISS:79/10/17, 12pp. ,48X:19357-045,ODI:GPU 6049 ,TN:GB02 2.5

8307070185 Partial deposition of EA Womack on 790630.

WOMACK, E.A. :Babcock & Wilcox Co.  
: :  
DATE ISS:79/06/30, 30pp. ,48X:19357-116,ODI:GPU 6054 ,TN:GB02 2.5

8307070234 Partial transcript of IE TMI investigation interview of  
C Faust on 790421.

FAUST, C. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/04/21, 82pp. ,48X:19357-289,ODI:GPU 6059A ,TN:GB02 2.3

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120920 Excerpt from IE interview of B Mehler on 800327 re RCS  
inventory. Pp 5-12.

MEHLER, B. ; General Public Utilities - GPU Service Corp.

DATE ISS: 80/03/27, 8pp., 48X: 19512-279, ODI: GPU 6060AA , TN: GB02 **IRRELEVANT**

002519 RECORDS SCANNED 313 RECORDS PRINTED ( 205 RECORDS, 108 SUPP.)  
ENDING CODE= 186 LAST KEY= GPU 6060AA 830712092004

CATEGORY 3  
TRIAL TESTIMONY

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290419 Transcript of 821101 trial between util & B&W in  
New York, NY. Pd 1-189.

\* :U.S. District Court, Southern District of New York  
:;  
DATE ISS:82/11/01, 189pp. ,48X:19022-001,ODI: ,TN:GB03 3.1, 3.2

8306290445 Testimony of RC Arnold on 821116 in New York, NY. Pd  
1,535-1,1715.

ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/11/16, 180pp. ,48X:19026-089,ODI: ,TN:GB03 3.2

8307260383 Testimony of J Chwastvk on 830118 in New York, NY. Pd 6,994-  
7,007.

CHWASTYK, J. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/01/18, 24pp. ,48X:19041-017,ODI: ,TN:GB03 3.1

8307260457 Testimony of M Derivan on 821103 in New York, NY. Pd 397-537.

DERIVAN, M. :Toledo Edison Co.  
:;  
DATE ISS:82/11/03, 140pp. ,48X:19023-036,ODI: ,TN:GB03 3.2

8306290407 Testimony of MJ Derivan on 821104 in New York, NY. Pd 538-687.

DERIVAN, M.J. :Toledo Edison Co.  
:;  
DATE ISS:82/11/04, 150pp. ,48X:19023-176,ODI: ,TN:GB03 3.2

8306290671 Testimony of BM Dunn on 830120 in New York, NY. Pd 7,289-  
7,424.

DUNN, B.M. :Babcock & Wilcox Co.  
:;  
DATE ISS:83/01/20, 136pp. ,48X:19041-313,ODI: ,TN:GB03 3.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307260486 Testimony of F Fahland on 830117 in New York, NY. Pp 6,905-6,928.

FAHLAND, F. :Babcock & Wilcox Co.

DATE ISS:83/01/17, 24pp. ,48X:19040-290,ODI: ,TN:GB03 3.2

8306290499 Testimony of ER Frederick on 821206 in New York, NY. Pp 3,216-3,377.

FREDERICK, E.R. :General Public Utilities - GPU Service Corp.

DATE ISS:82/12/06, 161pp. ,48X:19030-204,ODI: ,TN:GB03 3.1, 3.2

8306290502 Testimony of ER Frederick on 821207 in New York, NY. Pp 3,378-3,559.

FREDERICK, E.R. :General Public Utilities - GPU Service Corp.

DATE ISS:82/12/07, 181pp. ,48X:19031-004,ODI: ,TN:GB03 3.1

8306290541 Testimony of ER Frederick on 821208 in New York, NY. Pp 3,560-3,733.

FREDERICK, E.R. :General Public Utilities - GPU Service Corp.

DATE ISS:82/12/08, 174pp. ,48X:19031-186,ODI: ,TN:GB03 3.1, 3.2

8306290543 Testimony of ER Frederick on 821209 in New York, NY. Pp 3,734-3,906.

FREDERICK, E.R. :General Public Utilities - GPU Service Corp.

DATE ISS:82/12/09, 172pp. ,48X:19031-361,ODI: ,TN:GB03 3.1, 3.2

8306290560 Testimony of ER Frederick on 821213 in New York, NY. Pp 3,990-4085.

FREDERICK, E.R. :General Public Utilities - GPU Service Corp.

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HALLMAN, D.F. :Babcock & Wilcox Co.  
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HALLMAN, D.F. :Babcock & Wilcox Co.  
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HARTMAN, H.W. :Metropolitan Edison Co.  
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HOLDERNESS, J.H. :EDS Nuclear, Inc.  
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KANE, E. :Babcock & Wilcox Co.  
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KANE, E. :Babcock & Wilcox Co.  
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KELLY, J. :Babcock & Wilcox Co.  
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LAHEY, R.T. :Rensselaer Polytechnic Inst.  
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LAHEY, R.T. :Rensselaer Polytechnic Inst.  
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LAHEY, R.T. :Rensselaer Polytechnic Inst.  
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MARZEC, R.J. :Duke Power Co.  
:;  
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MARZEC, R.J. :Duke Power Co.  
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8307260150 Testimony of McBride on 821213 in New York, NY. Pd 4,157-4178.

MCBRIDE, A.F. ;Babcock & Wilcox Co.

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O'HANLON, J.P. ;Institute of Nuclear Power Operations

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O'HANLON, J.P. ;Institute of Nuclear Power Operations

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PHINNEY, J. ;Babcock & Wilcox Co.

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8307210407 Testimony of L Rogers on 821212. Pd 5371-5446.

ROGERS, L. ;Babcock & Wilcox Co.

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8306290624 Testimony of L Rogers on 821223 in New York, NY. Pd 5,447-5,481.

ROGERS, L. ;Babcock & Wilcox Co.

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8307260420 Testimony of DH Roy on 821214 in New York, NY. Pp 4,284-4,351.

ROY, D.H. ;Babcock & Wilcox Co.  
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SCOTT, T.F. ;Babcock & Wilcox Co.  
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SEELINGER, J. ;United Technologies Corp.  
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TAYLOR, J. ;Babcock & Wilcox Co.  
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TAYLOR, J. ;Babcock & Wilcox Co.  
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WALLIS, G.B. ;Dartmouth College  
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WALLIS, G.B. ; Dartmouth College

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WALLIS, G.B. ; Dartmouth College

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ZEWE, W.H. ; General Public Utilities - GPU Service Corp.

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ZEWE, W.H. ; General Public Utilities - GPU Service Corp.

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ZEWE, W.H. ; General Public Utilities - GPU Service Corp.

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ZEWE, W.H. ; General Public Utilities - GPU Service Corp.

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AGAR, J. D. : Babcock & Wilcox Co.  
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ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
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ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
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BILLINGSLEY, G. : General Public Utilities - GPU Service Corp.  
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BROUGHTON, G. : General Public Utilities - GPU Service Corp.

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BROUGHTON, G. : General Public Utilities - GPU Service Corp.

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BROUGHTON, T. G. : General Public Utilities - GPU Service Corp.

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BROUGHTON, T. G. : General Public Utilities - GPU Service Corp.

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BROWN, N. D. : Metropolitan Edison Co.

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CARLTON, J. D. : Babcock & Wilcox Co.

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DOMINGUEZ, A. J. : General Public Utilities - GPU Service Corp.

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DUNN, B. M. : Babcock & Wilcox Co.

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DUNN, B. M. : Babcock & Wilcox Co.

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FAIST, F. : Babcock & Wilcox Co.

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FAUST, C. C. : Metropolitan Edison Co.

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FAUST, C. C. : Metropolitan Edison Co.

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FAUST, C. C. : Metropolitan Edison Co.  
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FLOYD, J. R. : Metropolitan Edison Co.  
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FLOYD, J. R. : Metropolitan Edison Co.  
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FREDERICK, E. R. : Metropolitan Edison Co.

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FREDERICK, E. R. : Metropolitan Edison Co.

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FREDERICK, E. R. : Metropolitan Edison Co.

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GARRISON, J. W. : General Public Utilities - GPU Service Corp.

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GOSLOW, C. : Babcock & Wilcox Co.  
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GOSLOW, C. E. : Babcock & Wilcox Co.  
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HALLMAN, D. F. : Babcock & Wilcox Co.  
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HARBIN, R. S. : Metropolitan Edison Co.

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8306290893 Deposition of RS Harbin on B10708 in New York, NY. Pp 147-295.

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HARBIN, R. S. : Metropolitan Edison Co.

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HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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8306290892 Deposition of JG Herbein on 820702 in New York, N. Y.  
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HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

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Pp 278-358.

JONES, R. C. : Babcock & Wilcox Co.

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KANE, E. R. : Babcock & Wilcox Co.

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8306290697 Deposition of ER Kane on 811216 in New York, NY. Pp 131-250.

KANE, E. R. : Babcock & Wilcox Co.

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KANE, E. R. : Babcock & Wilcox Co.  
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KANE, E. R. : Babcock & Wilcox Co.  
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KARRASCH, B. A. : Babcock & Wilcox Co.  
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KARRASCH, B. A. : Babcock & Wilcox Co.  
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Pp 399-493.

KARRASCH, B. A. : Babcock & Wilcox Co.  
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KARRASCH, B. A. : Babcock & Wilcox Co.  
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KEATEN, R. : General Public Utilities - GPU Service Corp.  
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KEATEN, R. : General Public Utilities - GPU Service Corp.  
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8306290907 Deposition of R Keaten on B20119 in New York, NY. Pp 628-764.  
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KEATEN, R. : General Public Utilities - GPU Service Corp.  
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KELLY, J. J. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/05/04, 169pp. , 48X: 19098-161, ODI: , TN: GB03 3.2

8306290915 Deposition of JJ Kelly on B10505 in New York, N. Y. Pp 170-314.

KELLY, J. J. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/05/05, 145pp. , 48X: 19098-331, ODI: , TN: GB03 3.2

U. S. NUCLEAR REGULATORY COMMISSION  
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8306290905 Deposition of RK Kennedy on 820127 in New York, NY. Pp 1-102.

KENNEDY, R. K. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/01/27, 102pp. , 48X: 19100-001, ODI: , TN: 0B03 3.2

8306290802 Deposition of G Kunder on 820702 in New York, NY. Pp 43B-610.

KUNDER, G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/07/02, 163pp. , 48X: 19103-205, ODI: , TN: 0B03 3.1

8306290782 Deposition of DW LaBelle on 810603 in New York, NY.  
Pp 129-251A.

LABELLE, D. W. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/06/03, 124pp. , 48X: 19104-144, ODI: , TN: 0B03 3.2

8306290836 Deposition of LC Lanese on 820324 in New York, NY. Pp 1-12B.

LANESE, L. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/03/24, 128pp. , 48X: 19125-001, ODI: , TN: 0B03 IRRELEVANT

8306290827 Deposition of LC Lanese on 820325 in New York, NY. Pp 129-302.

LANESE, L. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/03/25, 174pp. , 48X: 19125-129, ODI: , TN: 0B03 3.2

8306290817 Deposition of LC Lanese on 820326 in New York, NY. Pp 303-46B.

LANESE, L. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/03/26, 169pp. , 48X: 19125-304, ODI: , TN: 0B03 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8306290812 Deposition of LC Lanese on 820419 in New York, NY. Pp 469-596.

LANESE, L. C. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/04/19, 129pp. , 48X: 19126-113, ODI: , TN: GB03

3.2

8306290787 Deposition of RL Long on 820520 in New York, NY. Pp 313-417.

LONG, R. L. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/20, 104pp. , 48X: 19695-131, ODI: , TN: GB03

IRRELEVANT

8306290825 Deposition of BA Mehler on 810728 in New York, NY. Pp 1-172.

MEHLER, B. A. : Metropolitan Edison Co.

DATE ISS: 81/07/28, 172pp. , 48X: 19131-031, ODI: , TN: GB03

IRRELEVANT

8306290799 Deposition of BA Mehler on 810729 in New York, NY. Pp 174-363.

MEHLER, B. A. : Metropolitan Edison Co.

DATE ISS: 81/07/29, 189pp. , 48X: 19131-205, ODI: , TN: GB03

IRRELEVANT

8306290806 Deposition of BA Mehler on 810730 in New York, NY. Pp 364-679.

MEHLER, B. A. : Metropolitan Edison Co.

DATE ISS: 81/07/30, 315pp. , 48X: 19132-034, ODI: , TN: GB03

IRRELEVANT

8307110121 Deposition of BA Mehler on 810731 in New York, NY. Pp 565-679.

MEHLER, B. A. : Metropolitan Edison Co.

DATE ISS: 81/07/31, 115pp. , 48X: 19488-271, ODI: , TN: GB03

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8306290845 Deposition of GP Miller on 820604 in New York, NY. Pp 274-395.

MILLER, G. P. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/04, 122pp. , 48X: 19135-072, ODI: , TN: 6B03 IRRELEVANT

8306290897 Deposition of GP Miller on 820608 in New York, NY. Pp 474-600.

MILLER, G. P. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/08, 127pp. , 48X: 19135-273, ODI: , TN: 6B03 3.2

8306290906 Deposition of GP Miller on 820609 in New York, NY. Pp 601-726.

MILLER, G. P. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/09, 126pp. , 48X: 19136-038, ODI: , TN: 6B03 3.2

8306290914 Deposition of GP Miller on 820610 in New York, NY. Pp 727-873.

MILLER, G. P. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/10, 147pp. , 48X: 19136-164, ODI: , TN: 6B03 3.1, 3.2

8306290922 Deposition of GP Miller on 820611 in New York, NY. Pp 874-1,066.

MILLER, G. P. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/11, 192pp. , 48X: 19136-312, ODI: , TN: 6B03 3.1

8306290880 Deposition of TD Murray on 820128 in Toledo, OH. Pp 1-165.

MURRAY, T. D. : Toledo Edison Co.  
: :  
DATE ISS: 82/01/28, 167pp. , 48X: 19137-143, ODI: , TN: 6B03 3.2



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8306290856 Deposition of JD Phinney on B20113 in New York, NY. Pp 1-134.

PHINNEY, J. D. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/01/13, 134pp. , 48X: 19138-154, ODI: , TN: 0B03 3.2

8306290846 Deposition of RL Pittman on B20628 in New York, NY. Pp 1-142.

PITTMAN, R. L. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/06/28, 142pp. , 48X: 19139-061, ODI: , TN: 0B03 3.2

8306290909 Deposition of WE Potts on B20107 in New York, NY. Pp 1-176.

POTTS, W. E. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/01/07, 176pp. , 48X: 19139-203, ODI: , TN: 0B03 3.2

8306290927 Deposition of WE Potts on B20108 in New York, NY. Pp 177-251.

POTTS, W. E. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/01/08, 77pp. , 48X: 19140-018, ODI: , TN: 0B03 3.2

8306290957 Deposition of FJ Scheimann on B20226 in New York, NY. Pp 288-379.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/02/26, 112pp. , 48X: 19144-161, ODI: , TN: 0B03 3.2

8306290884 Deposition of FJ Scheimann on B20608 in New York, NY. Pp 888-999.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/08, 112pp. , 48X: 19146-032, ODI: , TN: 0B03 3.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290941 Deposition of JL Seelinger on 811021 in Palm Beach, FL. Pp  
249-413.

SEELINGER, J. L. :United Technologies Corp.

DATE ISS: 81/10/21, 165pp. , 48X: 19147-201, ODI: , TN: 6B03

IRRELEVANT

8306290937 Deposition of JL Seelinger on 811022 in Palm Beach, FL. Pp  
414-539.

SEELINGER, J. L. :United Technologies Corp.

DATE ISS: 81/10/22, 126pp. , 48X: 19148-003, ODI: , TN: 6B03

3.2

8306290932 Deposition of JL Seelinger on 811023 in Palm Beach, FL. Pp  
540-609.

SEELINGER, J. L. :United Technologies Corp.

DATE ISS: 81/10/23, 74pp. , 48X: 19148-129, ODI: , TN: 6B03

IRRELEVANT

8306290874 Deposition of E Swanson on 820722 in New York, NY. Pp 1-306.

SWANSON, E. :Babcock & Wilcox Co.

DATE ISS: 82/07/22, 162pp. , 48X: 19149-331, ODI: , TN: 6B03

3.2

8306290820 Deposition of RJ Toole on 810622 in New York, NY.  
Pp 1-279.

TOOLE, R. J. :General Public Utilities - GPU Service Corp.

DATE ISS: 81/06/22, 279pp. , 48X: 19152-065, ODI: , TN: 6B03

3.2

8306290824 Deposition of RJ Toole on 810623 in New York, NY. Pp 280-506.

TOOLE, R. J. :General Public Utilities - GPU Service Corp.

DATE ISS: 81/06/23, 226pp. , 48X: 19152-345, ODI: , TN: 6B03

3.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290829 Deposition of RJ Toole on B10706 in New York, NY. Pp 507-726.

TOOLE, R. J. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 81/07/06, 219pp. , 48X: 19153-208, ODI: , TN: 0B03 IRRELEVANT

8306290798 Deposition of RJ Toole on B10707 in New York, NY. Pp 727-909.

TOOLE, R. J. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 81/07/07, 182pp. , 48X: 19150-133, ODI: , TN: 0B03 3.2

8306290791 Deposition of RJ Toole on B10708 in New York, NY. Pp 910-1,070.

TOOLE, R. J. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 81/07/08, 160pp. , 48X: 19150-316, ODI: , TN: 0B03 3.2

8306290840 Deposition of JF Walters on B10414 in New York, NY.  
Pp 164-289.

WALTERS, J. F. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/04/14, 125pp. , 48X: 19156-059, ODI: , TN: 0B03 3.2

8306290849 Deposition of JF Walters on B10415 in New York, NY.  
Pp 290-435.

WALTERS, J. F. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/04/15, 145pp. , 48X: 19156-185, ODI: , TN: 0B03 3.2

8306290854 Deposition of JF Walters on B10416 in New York, NY.  
Pp 436-550.

WALTERS, J. F. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/04/16, 114pp. , 48X: 19156-332, ODI: , TN: 0B03 3.1

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NRC SPECIAL REPORT

8306290765 Deposition of EA Womack on 801208 in New York, NY.  
Pp 1-184.

WOMACK, E. A. : Babcock & Wilcox Co.

DATE ISS: 80/12/08, 188pp. , 48X: 19160-254, ODI: , TN: 0B03 IRRELEVANT

8306290788 Deposition of RW Zechman on 820312 in New York, NY.  
Pp 273-376.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/03/12, 103pp. , 48X: 19164-033, ODI: , TN: 0B03 IRRELEVANT

8306290794 Deposition of RW Zechman on 820324 in New York, NY.  
Pp 377-523.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/03/24, 146pp. , 48X: 19164-137, ODI: , TN: 0B03 IRRELEVANT

8306290801 Deposition of RW Zechman on 820325 in New York, NY.  
Pp 524-640.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/03/25, 116pp. , 48X: 19164-286, ODI: , TN: 0B03 3.2

8306290770 Deposition of W Zewe on 820524 in New York, NY. Pp 249-350.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/24, 101pp. , 48X: 19166-207, ODI: , TN: 0B03 3.2

8306290746 Deposition of WH Zewe on 820525 in New York, NY. Pp 351-479.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/25, 128pp. , 48X: 19166-310, ODI: , TN: 0B03 3.2

000635 RECORDS SCANNED 102 RECORDS PRINTED ( 28 RECORDS, 74 SUPP. )  
ENDING CODE- 186 LAST KEY- ZEWE, W. H. 8205280B07

**CATEGORY 3**

**EXHIBITS**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020022 Discusses incorporation of Unit 1 & other operating experience into Unit 2 training effort.

SEELINGER, J. :Metropolitan Edison Co.  
TSAGGARIS, L. :Metropolitan Edison Co.  
DATE ISS:77/04/06, 1p. ,48X:19208-296,ODI:B&W 0072 ,TN:GB03 IRRELEVANT

8307020025 Advises that min 1 h. training program being prepared to cover industry experience, Unit 1 experience & ROs from similar units, per J Seelinger 770406 request.

GOODMAN, D.A. :Metropolitan Edison Co.  
TSAGGARIS, A. :Metropolitan Edison Co.  
DATE ISS:77/04/12, 1p. ,48X:19208-297,ODI:B&W 0073 ,TN:GB03 IRRELEVANT

8307020027 Discusses dissemination of generic info to licensees by IE bulletins, circulars & info notices.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:81/06/11, 3pp. ,48X:19208-298,ODI:B&W 0075 ,TN:GB03 IRRELEVANT

8307020031 Comments on NRR status rept re feedwater transients in B&W plants.

BROWN, N.D. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:81/06/11, 1p. ,48X:19208-305,ODI:B&W 0077 ,TN:GB03 IRRELEVANT

8307020034 Discusses results of QC audit of ANSI Std 18.1 requirements, notification of operator exam failure, receipt of info on transients at other B&W plants, industry comparison re NRC exams & NRC grading of exams.

BROWN, N.P. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:81/06/11, 3pp. ,48X:19208-166,ODI:B&W 0078 ,TN:GB03 IRRELEVANT

8307020037 "R Trio/Engineered Safeguards Incident, 780423."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:81/06/12, 89pp. ,48X:19208-169,ODI:B&W 0079 ,TN:GB03 3.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

- 8307020039 LER 78-033/017-0: on 780423, reactor tripped, causing excessive RCS & pressurizer cooldown rates & pressurizer vol fell below Tech Spec limits. Caused by relief valves failing to reset & failing to feed steam generators.  
LEMPER, F. : Metropolitan Edison Co.  
DATE ISS: 78/05/31, 2pp. , 48X: 19209-120, ODI: B&W 0080 , TN: GB03 3.2
- 8307020053 Discusses addl analysis of plant behavior during loss of load & reactor trip transients, performed in response to questions raised at 830203 meeting w/NRC. Proposed draft ltr to B&W encl.  
FINK, R.T. : MPR Associates, Inc.  
FRITZEN, J. : Metropolitan Edison Co.  
DATE ISS: 75/03/12, 14pp. , 48X: 19209-085, ODI: B&W 0156 , TN: GB03 3.2
- 8307020067 "Technical Staff Analysis Rept on Pilot-Operated Relief Valve (PORV) Design & Performance to President's Commission on Accident at TMI."  
\* : NRC - No Detailed Affiliation Given  
DATE ISS: 79/10/31, 4pp. , 48X: 19209-189, ODI: B&W 0160 , TN: GB03 IRRELEVANT
- 8307110014 "Current Events Power Reactors, Operator Error," 770901-1031.  
\* : Commissioners  
DATE ISS: 77/12/31, 4pp. , 48X: 19477-001, ODI: B&W 0161 , TN: GB03 3.2
- 8307110015 "Current Events Power Reactors, Cracks Discovered in Collet Housing of Control Rod Drives," Aug-Sept 1975.  
\* : Commissioners  
DATE ISS: 75/09/30, 10pp. , 48X: 19477-005, ODI: B&W 0162 , TN: GB03 3.2
- 8307020069 Discusses failure of Consolidated 5 inch - 1525 VeJand automatic relief valve at Oyster Creek & potential for failure at TMI. Failure partially due to marginal soldering. w/730914 memo to JP Moore re relief valve failure.  
\* : Jersey Central Power & Light Co.  
WRIGHT, J.E. : General Public Utilities - GPU Service Corp.  
DATE ISS: 73/09/27, 3pp. , 48X: 19209-193, ODI: B&W 0163 , TN: GB03 3.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020076 Forwards portions of licensee startup shift test engineer  
Log Books 1 & 2, in response to 791221 request re L Rogers  
testimony.

TRAVIESO-DIAZ :Shaw, Pittman, Potts & Trowbridge  
ASSELSTINE, J.K.:Senate, Environment & Public Works  
DATE ISS:80/01/09, 18pp. ,48X:19209-281,ODI:B&W 0168 ,TN:GB03 3.2

8307020080 Requests info re development & mitigation of reactor  
pressure vessel steam bubble event during Sept 1977 hot  
functional testing at TMI-2.

UDALL, M.K. :House of Rep., Interior & Insular Affairs  
HENDRIE, J. :Commissioners  
DATE ISS:81/05/07, 3pp. ,48X:19209-141,ODI:B&W 0169 ,TN:GB03 3.2

8307020094 "Accident Transient Modeling Analysis."

BROUGHTON, T.G. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/01, 187pp. ,48X:19209-293,ODI:B&W 0171 ,TN:GB03 3.1

8307110034 Advises that review of Current Events - Power Reactors dtd  
770901-1001 has been completed & no action required.

O'TOOLE, R.J. :General Public Utilities - GPU Service Corp.  
:Metropolitan Edison Co.  
DATE ISS:78/01/15, 13pp. ,48X:19477-027,ODI:B&W 0172 ,TN:GB03 3.2

8307050350 LER 78-021/03L-0: on 780329, while operating in Mode 2,  
120-volt ac vital bus 2-1V became deenergized. Caused by SFAS  
testing tripping 480-volt alternate source feeder breaker.  
Power restored by manually closing alternate source feeder.

MILLER, G.P. :General Public Utilities - GPU Service Corp.  
DATE ISS:78/04/12, 2pp. ,48X:19323-075,ODI:B&W 0180 ,TN:GB03 3.2

8307110711 LER 78-021/03L-0: on 780414, vital bus 2-1C became  
deenergized. Caused by alternate source tripping during  
SFAS testing. Faulty inverter control module & fuse replaced.

LENGEL, R.A. :Metropolitan Edison Co.  
DATE ISS:78/04/14, 3pp. ,48X:19477-046,ODI:B&W 0181 ,TN:GB03 3.2



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050354 Forwards LER 78-021/03L-0.

HERBEIN, J.G. : General Public Utilities - GPU Service Corp.  
GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS: 78/05/01, 1p. , 48X: 19323-077, ODI: B&W 0182 , TN: GB03 3.2

8307050372 LER 78-022/99X: on 780329, ECCS activated & injected water into RCS due to RC-R2 opening when vital bus 2-1V deenergized. Alternate source 480-volt ac supply breaker closed.

MILLER, G.P. : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/04/14, 1p. , 48X: 19323-081, ODI: B&W 0183 , TN: GB03 3.2

8307110041 Forwards Unit 2 plant operations review committee input for special rept required by Tech Spec 3.5.2 for ECCS actuation that occurred on 780329.

SEELINGER, J.L. : Metropolitan Edison Co.  
TROFFER, G.J. : Metropolitan Edison Co.  
DATE ISS: 78/06/12, 5pp. , 48X: 19477-040, ODI: B&W 0184 , TN: GB03 3.2

8307050380 "TMI Reactor Trip Rept." Illegible.

\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/03/29, 1p. , 48X: 19323-082, ODI: B&W 0185 , TN: GB03 3.2

8307110046 "TMI-2 Transient on 780423: Task Force Rept."

\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/08/10, 170pp. , 48X: 19477-049, ODI: B&W 0186 , TN: GB03 3.2

8307050401 Summary of investigative committee 780428 meeting re TMI-2 reactor trip event on 780423.

\* : General Public Utilities - GPU Service Corp.  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/04/28, 3pp. , 48X: 19323-084, ODI: B&W 0187 , TN: GB03 3.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050409 "RETRAN Analyses of Rapid Cooldown Transient TMI-2."

BROUGHTON, T.G. : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/10/13, 204pp., 48X: 19323-087, ODI: B&W 0188 , TN: GB03 3.2

8307110052 Forwards rept on 781107 reactor trip at TMI-2.

HILBISH, J.F. : Metropolitan Edison Co.  
MILLER, G.P. : Metropolitan Edison Co.  
DATE ISS: 78/11/16, 46pp., 48X: 19477-219, ODI: B&W 0191 , TN: GB03 3.2

8307050433 Rev 1 to "Review & Analysis of 781107 Partial Loss of Feedwater, Scram & ES Trip."

BROUGHTON, T.G. : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/11/21, 25pp., 48X: 19323-338, ODI: B&W 0192 , TN: GB03 3.2

8307050439 Forwards LER 78-065/99X-0.

HERBEIN, J.G. : General Public Utilities - GPU Service Corp.  
GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS: 79/01/30, 1p., 48X: 19324-003, ODI: B&W 0193 , TN: GB03 3.2

8307050451 Forwards LER 78-069/99X-0.

HERBEIN, J.G. : General Public Utilities - GPU Service Corp.  
GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS: 79/02/28, 1p., 48X: 19324-007, ODI: B&W 0194 , TN: GB03 3.2

8307050486 Informs of incident that occurred during preoperational testing of nuclear power plant w/B&W NSSS. On 761015, containment emergency sump isolation valves inadvertently opened allowing water to drain into containment bldg.

JANIS, J.T. : Babcock & Wilcox Co.  
KLINGMAN, R.M. : General Public Utilities - GPU Service Corp.  
DATE ISS: 77/05/20, 2pp., 48X: 19324-014, ODI: B&W 0204 , TN: GB03 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050491 Forwards summary of B&W Users Group 790627-28 meetings.

SEELINGER, J.L. :Babcock & Wilcox Co.  
ROSS, M. :Babcock & Wilcox Co.  
DATE ISS:79/08/21, 17pp. ,48X:19324-016, ODI:B&W 0205 ,TN:GB03 3.1

8307050510 Advises that licensee did not receive Insp Rept 50-346/78-06 re transient event prior to 790530 hearing. Documents encl illustrate actual notice of info on certain operating problems encountered at other plants.

ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
KEMENY, J.G. :President's Commission on the Accident at Three Mile Island  
DATE ISS:79/08/30, 5pp. ,48X:19324-064, ODI:B&W 0208 ,TN:GB03 3.2

8307070195 Outlines past flowpath (in Unit 1) by which awareness of incidents & events at other nuclear plants applicable to TMI established.

HARBIN, R.S. :Metropolitan Edison Co.  
REPPERT, D. :Metropolitan Edison Co.  
DATE ISS:79/08/27, 9pp. ,48X:19325-071, ODI:B&W 0211 ,TN:GB03 IRRELEVANT

8307070197 Forwards minutes of User's Group 77115-16 meeting in Washington, DC re B&W plant operations.

COBB, W.A. :Babcock & Wilcox Operating Plants Owners Group  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:78/02/03, 20pp. ,48X:19325-080, ODI:B&W 0212 ,TN:GB03 IRRELEVANT

8307020095 Transcript of 790425 interview w/B Mehler.

MEHLER, B. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/25, 16pp. ,48X:19245-349, ODI:B&W 0238 ,TN:GB03 3.1

8307020106 Log of daily operations.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:78/03/29, 6pp. ,48X:19246-079, ODI:B&W 0244 ,TN:GB03 3.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020108 Forwards summary of LER 78-022/99X on 780329.

\* :General Public Utilities - GPU Service Corp.  
GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS: 81/07/30, 10pp. ,48X:19246-113, ODI: B&W 0245 ,TN:GB03 3.2

8307120620 Forwards final rept on 780423 reactor trip/ES of 780423  
incident.

SEELINGER, J.L. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS: 78/05/04, 89pp. ,48X:19501-267, ODI: B&W 0246 ,TN:GB03 3.2

8307050287 Forwards IE Insp Rept 50-346/78-06 on 771206-08 & 780306-08.  
Effective presentation of info re transients at other plants  
suggested to enhance nuclear industry communications.

ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
KEMERY, J.G. :President's Commission on the Accident at Three Mile Island  
DATE ISS: 79/08/30, 5pp. ,48X:19326-018, ODI: B&W 0247 ,TN:GB03 3.2

8307050320 Suggests areas in which evaluation of 790423 incident could  
be more accurate & complete. Concentration suggested in areas  
of malfunctioning safeties, flow testing of Mu-V-16s &  
poorly-designed alarm sys.

FREDERICK, E. :General Public Utilities - GPU Service Corp.  
:Babcock & Wilcox Co.  
DATE ISS: 78/05/03, 5pp. ,48X:19327-131, ODI: B&W 0264 ,TN:GB03 3.2

8307050526 Preliminary inquiry of TMI incident of 790328.

ZEWE, W.H. :General Public Utilities - GPU Service Corp.  
DATE ISS: 79/04/03, 50pp. ,48X:19327-282, ODI: B&W 0271 ,TN:GB03 3.1

8307120662 "Memory Trip Review."

\* :Metropolitan Edison Co.  
DATE ISS: 81/09/24, 3pp. ,48X:19502-211, ODI: B&W 0279 ,TN:GB03 3.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080165 Discusses specific assignments for JR Floyd & JL Seelinger  
re STS.

MILLER, G.P. :Metropolitan Edison Co.  
FLOYD, J.R. :Metropolitan Edison Co.  
DATE ISS:77/03/03, 2pp. ,48X:19331-355, ODI:B&W 0297 ,TN:GB03 IRRELEVANT

8307080176 List of significant events in 1978 since issuance of Unit 2  
OL on 780208.

\* :Metropolitan Edison Co.  
DATE ISS:78/12/31, 11pp. ,48X:19331-357, ODI:B&W 0298 ,TN:GB03 IRRELEVANT

8307070397 First draft "GPU Task Force Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/28, 56pp. ,48X:19321-250, ODI:B&W 0347 ,TN:GB03 3.1, 3.2

8308230580 Transcript of TMI Investigative Task Force Taped Interview 3  
(Keaten Tapes) on 790824. Pp 1-40.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/24, 41pp. ,48X:20125-157, ODI:B&W 0347C ,TN:GB03 3.1

8308230597 Transcript of TMI Investigative Task Force Taped Interview 5  
(Keaten Tapes) on 790919. Pp 1-61.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/19, 62pp. ,48X:20125-244, ODI:B&W 0347E ,TN:GB03 3.1

8308230601 Transcript of TMI Investigative Task Force Taped Interview 6  
(Keaten Tapes) on 790919. Pp 1-60.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/19, 61pp. ,48X:20125-307, ODI:B&W 0347F ,TN:GB03 3.1

U. S. NUCLEAR REGULATORY COMMISSION  
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8308230606 Transcript of TMI Investigative Task Force Taped Interview 7  
(Keaten Tapes) on 790919.Pp 1-63.

\* ;General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/19, 64pp. ,48X:20126-007,ODI:B&W 0347G ,TN:GB03 3.1

8308230617 Transcript of TMI Investigative Task Force Taped Interview  
10 (Keaten Tapes) on 790920.Pp 1-64.

\* ;General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/20, 65pp. ,48X:20126-169,ODI:B&W 0347J ,TN:GB03 IRRELEVANT

8308230619 Transcript of TMI Investigative Task Force Taped Interview  
11 (Keaten Tapes) on 790920.Pp 1-66.

\* ;General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/20, 67pp. ,48X:20126-234,ODI:B&W 0347K ,TN:GB03 3.2

8308230623 Transcript of TMI Investigative Task Force Taped Interview  
12 (Keaten Tapes) on 790920.Pp 1-59.

\* ;General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/20, 60pp. ,48X:20126-301,ODI:B&W 0347L ,TN:GB03 3.1

8308230626 Transcript of TMI Investigative Task Force Taped Interview  
13 (Keaten Tapes) on 790924.Pp 1-26.

\* ;General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/24, 27pp. ,48X:20126-359,ODI:B&W 0347M ,TN:GB03 IRRELEVANT

8307070438 Second draft "GPU Task Force Interim Summary Rept."

KEATEN,R.W. ;General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/06, 57pp. ,48X:19322-016,ODI:B&W 0349 ,TN:GB03 3.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080673 Forwards "GPU Task Force Interim Summary Rept," third draft  
re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48X:19402-181,ODI:B&W 0350 ,TN:GB03 3.1

8307080681 Forwards "GPU Task Force Interim Summary Rept" re findings &  
conclusions to date & presenting preliminary recommendations  
re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/29, 1p. ,48X:19402-339,ODI:B&W 0351 ,TN:GB03 3.1

8307080688 "GPU Accident Review Task Force Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/28, 41pp. ,48X:19403-019,ODI:B&W 0352 ,TN:GB03 3.1

8307080691 Lists items which must be accomplished to complete GPU/Met  
Ed review of TMI-2 accident & underlying causes.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/12/03, 6pp. ,48X:19403-061,ODI:B&W 0353 ,TN:GB03 3.1

8307080693 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:80/03/24, 41pp. ,48X:19403-068,ODI:B&W 0354 ,TN:GB03 3.1

8307080695 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:80/05/12, 50pp. ,48X:19403-112,ODI:B&W 0355 ,TN:GB03 3.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080698 "GPU Accident Review Task Force Final Summary Rept."

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 80/12/15, 49pp. , 48X: 19403-161, ODI: B&W 0356 , TN: GB03 3.1

8307080699 Forwards marked-up task force rept indicating significant differences from interim rept. w/o encl.

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
DIECKAMP, H.M. : General Public Utilities - GPU Service Corp.  
DATE ISS: 80/09/02, 1p. , 48X: 19404-017, ODI: B&W 0357 , TN: GB03 3.1

8307120734 Transcript of 790412 interview w/G Miller. Pp 1-58.

\* : Metropolitan Edison Co.  
: :  
DATE ISS: 79/04/12, 58pp. , 48X: 19502-230, ODI: B&W 0360 , TN: GB03 3.1

8307080720 "Task 2 Rationale for Operation/Staff Response Subtask 8 - Define Why HPI was Modulated."

WALSH, P.S. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/08/03, 3pp. , 48X: 19405-084, ODI: B&W 0366 , TN: GB03 3.2

8307080722 Comments on "Technical Assessment of Operating, Abnormal & Emergency Procedures." Some results consistent w/GPU findings while some are inaccurate, misleading & technically incorrect. Procedures listed incorrect.

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
DIECKAMP, H.M. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/11/02, 3pp. , 48X: 19405-087, ODI: B&W 0367 , TN: GB03 IRRELEVANT

8307080727 Summary of 790813 interview w/RCA.

\* : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/08/13, 1p. , 48X: 19405-091, ODI: B&W 0369 , TN: GB03 IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080731 Forwards RW Keaten notes for 790328-0407.

TRAVIESO-DIAZ :Shaw, Pittman, Potts & Trowbridge  
FRAMPTON,G. :NRC Three Mile Island Task Force  
DATE ISS:79/10/19, 51pp. ,48X:19405-092,ODI:B&W 0370 ,TN:GB03 IRRELEVANT

8307080055 Forwards draft TMI-111, "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
ARNOLD,R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/18, 1p. ,48X:19333-139,ODI:B&W 0374 ,TN:GB03 3.1

8307080064 Procedure 054 "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/19, 43pp. ,48X:19334-005,ODI:B&W 0377 ,TN:GB03 3.1

8307080074 LER 79-014/01T: on 790502, reactor high pressure scram occurred. Caused by lack of procedural direction to operators w/reactor screamed & recirculation pumps tripped. Procedures reviewed & changed. W/790516 ltr.

ROSS,D.A. :Jersey Central Power & Light Co.  
GRIER,B.H. :Region 1, Office of Director  
DATE ISS:79/05/16, 6pp. ,48X:19334-078,ODI:B&W 0379 ,TN:GB03 IRRELEVANT

8307080103 Telcon w/Fred to discuss facility cooldowns. Caused by electromagnetic relief valve stuck open.

POTTS,W.E. :Metropolitan Edison Co.  
:Toledo Edison Co.  
DATE ISS:78/11/08, 1p. ,48X:19334-129,ODI:B&W 0384 ,TN:GB03 3.2

8307080120 Small break LOCA flow chart.

\* :Babcock & Wilcox Co.  
DATE ISS:83/07/07, 1p. ,48X:19334-131,ODI:B&W 0385 ,TN:GB03 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080125 Forwards rept re 790502 transient which resulted in unexpected low water level in reactor vessel.

FINFROCK, I.R. : Jersey Central Power & Light Co.  
: Office of Nuclear Reactor Regulation, Director  
DATE ISS: 79/05/12, 2pp. , 48X:19334-132, ODI: B&W 0386 , TN: GB03

IRRELEVANT

8307080156 Marked-up handwritten rept on RETRAN version of pressurizer study of TMI-2 dual lowered loop, 177 fuel assembly.

\* : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 83/07/07, 64pp. , 48X:19334-345, ODI: B&W 0389 , TN: GB03

3.2

8307080164 "Dual Lowered Loop, 177 Fuel Assembly," RETRAN version, pressurizer study.

\* : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 83/07/07, 19pp. , 48X:19335-075, ODI: B&W 0391 , TN: GB03

3.2

8307080170 Marked-up handwritten RO on 780328, "China Syndrome" event occurred including loss of feedwater, turbine trip, radiation alarms sounding in containment & reactor coolant pumps experiencing low pressure.

\* : Metropolitan Edison Co.  
: :  
DATE ISS: 79/03/28, 3pp. , 48X:19335-122, ODI: B&W 0392 , TN: GB03

IRRELEVANT

8307080180 Handwritten note re TMI-2.

\* : Babcock & Wilcox Co.  
: :  
DATE ISS: 83/07/07, 1p. , 48X:19335-125, ODI: B&W 0393 , TN: GB03

IRRELEVANT

8307080187 Handwritten RO re feedwater pump & turbine trip, reactor trip on high primary pressure, reactor coolant pump trip & decay heat.

\* : Metropolitan Edison Co.  
: :  
DATE ISS: 83/07/07, 1p. , 48X:19335-126, ODI: B&W 0394 , TN: GB03

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080192 Two graphs re EFW flow & ES actuation.

\* :Babcock & Wilcox Co.  
: DATE ISS:79/03/28, 2pp. ,48X:19335-127,ODI:B&W 0395 ,TN:GB03 IRRELEVANT

8307080208 Handwritten "Operator Response."

\* :Metropolitan Edison Co.  
: DATE ISS:79/06/05, 2pp. ,48X:19335-129,ODI:B&W 0396 ,TN:GB03 3.1

8307080212 Marked-up Procedure TMI-111 "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/07, 44pp. ,48X:19335-131,ODI:B&W 0397 ,TN:GB03 3.1

8307080217 Handwritten "TMI-2 Operator Interview."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/08/24, 6pp. ,48X:19335-230,ODI:B&W 0398 ,TN:GB03 3.1

8307080223 Handwritten "Operator Interviews."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/09/19, 3pp. ,48X:19335-236,ODI:B&W 0399 ,TN:GB03 3.1

8307080227 Forwards first draft "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
: DATE ISS:79/09/28, 1p. ,48X:19335-239,ODI:B&W 0400 ,TN:GB03 3.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080237 Submits handwritten comments on draft 790928 GPU Task Force  
rept.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/10/05, 6pp. ,48X:19335-352,ODI:B&W 0401 ,TN:GB03 3.1

8307080241 Second draft of GPU Task Force "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/06, 66pp. ,48X:19335-190,ODI:B&W 0402 ,TN:GB03 3.1

8307080244 Forwards third draft to, "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48X:19336-118,ODI:B&W 0403 ,TN:GB03 3.1

8307080247 Third draft of "Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 73pp. ,48X:19336-119,ODI:B&W 0403 ,TN:GB03 3.1

8307080641 Preliminary Operational log. "Annotated Sequence of Events,  
List of Figures."

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:82/02/09, 34pp. ,48X:19336-248,ODI:B&W 0404 ,TN:GB03 3.1

8307080649 Operational log. "Influence of Operator Action."

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:82/02/09, 7pp. ,48X:19336-183,ODI:B&W 0407 ,TN:GB03 3.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080654 Footprint Data Sheet TMI-2 re stuck open electromatic relief valve.

\* :Babcock & Wilcox Co.  
: DATE ISS:78/03/29, 4pp. ,48X:19336-358,ODI:B&W 0408 ,TN:GB03 3.1

8307080660 "TMI II Transient Outline" covering loss of feedwater, alternate scenarios & radioactive releases.

\* :Babcock & Wilcox Co.  
: DATE ISS:82/02/09, 65pp. ,48X:19392-121,ODI:B&W 0410 ,TN:GB03 3.1

8307080662 "Applications of RETRAN for TMI Analyses."

TRIKOUROS,N.G. :General Public Utilities - GPU Service Corp.  
: DATE ISS:82/02/09, 70pp. ,48X:19392-242,ODI:B&W 0411 ,TN:GB03 3.1, 3.2

8307080664 "TMI Accident Analysis."

\* :Babcock & Wilcox Co.  
: DATE ISS:82/02/09, 23pp. ,48X:19393-007,ODI:B&W 0412 ,TN:GB03 3.1

8307080639 Resume of Q Billingsley.

BILLINGSLEY,Q. :General Public Utilities - GPU Service Corp.  
: DATE ISS:82/02/18, 1p. ,48X:19394-299,ODI:B&W 0427 ,TN:GB03 IRRELEVANT

8307110636 "Investigation of TMI-2 Pressurizer PORV Discharge Pipe Temps."

BILLINGSLEY,Q. :General Public Utilities - GPU Service Corp.  
: DATE ISS:80/02/28, 56pp. ,48X:19440-001,ODI:B&W 0428 ,TN:GB03 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110706 Abstract of technical data report re PORV operation & failure  
at TMI-2.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/02/19, 21pp. ,48X:19441-017,ODI:B&W 0444 ,TN:GB03 IRRELEVANT

8307110708 Forwards preliminary list of reactor trips which caused  
PORV actuation at TMI-1, per 790921 request. Complete list  
will be provided by 791110.

HARDING, L.W. :Metropolitan Edison Co.  
SHORT, P.J. :Babcock & Wilcox Co.  
DATE ISS:79/10/15, 3pp. ,48X:19441-066,ODI:B&W 0445 ,TN:GB03 3.2

8307090298 Computerized list of lesson programs, employees & dates.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:77/04/11, 2pp. ,48X:19413-192,ODI:B&W 0521 ,TN:GB03 IRRELEVANT

8307080576 Continued deposition of FJ Scheimann in Harrisburg, PA. Pp  
129-241.

SCHEIMANN, F.J. :Metropolitan Edison Co.  
:;  
DATE ISS:79/07/25, 283pp. ,48X:19416-081,ODI:B&W 0537 ,TN:GB03 3.1, 3.2

8307090391 Forwards updated status of TMI-2 "Outstanding NRC Licensing  
Issues."

LANESE, L.C. :General Public Utilities - GPU Service Corp.  
BARTON, J.J. :General Public Utilities - GPU Service Corp.  
DATE ISS:75/11/19, 11pp. ,48X:19395-308,ODI:B&W 0604 ,TN:GB03 IRRELEVANT

8307090163 Testimony of E Frederick re accident at TMI-2.

FREDERICK, E. :Metropolitan Edison Co.  
:;  
DATE ISS:79/05/10, 163pp. ,48X:19398-065,ODI:B&W 0654 ,TN:GB03 3.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090174 Suggests that pressurizer electromagnetic relief valve RC-RV2 be inspected periodically for corrosion products & freedom of movement re lever pin & hinge noting clearances w/solenoid bracket.  
ROGERS, L.C. :Babcock & Wilcox Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:75/07/31, 1p. ,48X:19398-234,ODI:B&W 0656 ,TN:GB03 IRRELEVANT

8307090193 Draft interview w/E Frederick at TMI site on 790423.  
  
FREDERICK, E. :Metropolitan Edison Co.  
DATE ISS:79/04/23, 67pp. ,48X:19398-129,ODI:B&W 0660 ,TN:GB03 3.1

8307090203 Interview w/E Frederick, control room operator at TMI-2 on 790330.  
  
FREDERICK, E. :Metropolitan Edison Co.  
DATE ISS:79/03/30, 12pp. ,48X:19399-002,ODI:B&W 0661 ,TN:GB03 3.1

8307110747 Transcript of oversight hearings on 790509, 10, 11 & 13 before Task Force of Subcommittee on Energy & Environ of Committee on Interior & Insular Affairs, in Washington, DC re accident at TMI.  
\* :Babcock & Wilcox Co.  
DATE ISS:82/05/11, 88pp. ,48X:19477-265,ODI:B&W 0662 ,TN:GB03 3.1

8307110753 Forwards marked-up copy of annotated sequence of events re TMI accident of 790328. Comments resulted from PORC meetings on 790514, 16 & 17.  
  
MILLER, G.P. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:79/05/21, 38pp. ,48X:19478-001,ODI:B&W 0666 ,TN:GB03 3.1

8307090214 Forwards marked-up "Annotated Sequence of Events," resulting from TMI-2 PORC 790514, 16-17 meetings. Comments addressed on Page B should be reviewed & appropriately considered when preparing future versions.  
MILLER, G.P. :Metropolitan Edison Co.  
VANWITBECK, T. :Metropolitan Edison Co.  
DATE ISS:79/05/21, 45pp. ,48X:19399-021,ODI:B&W 0667 ,TN:GB03 3.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110724 Requests formation of fire member task force to complete investigation of encl seven specific issues re 790328 incident.

ARNOLD,R.C. :General Public Utilities - GPU Service Corp.  
KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/27, 5pp. ,48X:19445-169,ODI:B&W 0694 ,TN:GB03

IRRELEVANT

8307110732 Submits questions re TMI-2 incident on 790328.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/06/13, 3pp. ,48X:19445-177,ODI:B&W 0697 ,TN:GB03

IRRELEVANT

8307110735 Submits tasks & subtasks for task teams.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/09, 16pp. ,48X:19445-180,ODI:B&W 0698 ,TN:GB03

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8307110739 Forwards first rough draft, "GPU Task Force Interim Summary Rept."

KEATON,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/28, 1p. ,48X:19446-002,ODI:B&W 0699 ,TN:GB03

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8307110744 Requests copy of encl package re task force draft rept.

LONG,R.L. :Babcock & Wilcox Co.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/07, 6pp. ,48X:19446-060,ODI:B&W 0700 ,TN:GB03

IRRELEVANT

8307110752 "GPU Task Force Investigative Rept."

BROUGHTON,T.G. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/27, 46pp. ,48X:19446-134,ODI:B&W 0702 ,TN:GB03

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U. S. NUCLEAR REGULATORY COMMISSION  
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8307110757 "GPU Accident Review Task Force Final Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:80/03/24, 43pp. ,48X:19446-346,ODI:B&W 0703 ,TN:GB03 3.1

8307110763 Forwards TDR TMI-111, "Analysis of TMI-2 Operator Response,"  
for review.Comments requested by 790625.

BROUGHTON,T.G. :General Public Utilities - GPU Service Corp.  
LONG,R. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/21, 32pp. ,48X:19447-062,ODI:B&W 0705 ,TN:GB03 3.1

8307110769 "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/05/20, 36pp. ,48X:19447-066,ODI:B&W 0706 ,TN:GB03 3.1

8307090353 Forwards response to 791025 notice of violation & notice of  
proposed issuance of civil penalties based on IE  
investigation of 790328 accident.

ARNOLD,R.C. :Metropolitan Edison Co.  
STELLO,V. :Office of Inspection & Enforcement, Office of the Director  
DATE ISS:79/12/05, 97pp. ,48X:19492-019,ODI:B&W 0707 ,TN:GB03 3.1

8307090026 Forwards TMI staff interview of H McGovern dtd 790504 &  
DA Berry notes on 790329 re 790328 incident.

ZODIACO,V.P. :General Public Utilities - GPU Service Corp.  
BLAKE,E.L. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/05/10, 447pp. ,48X:19449-031,ODI:B&W 0719 ,TN:GB03 3.1

8307090361 Forwards rept of reactor trip of 781202 at TMI-2.

HILBISH,J.J. :Metropolitan Edison Co.  
MILLER,G.P. :Metropolitan Edison Co.  
DATE ISS:78/12/02, 32pp. ,48X:19492-152,ODI:B&W 0741 ,TN:GB03 3.2

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090379 Forwards marked-up annotated sequence of events following  
TMI-2 PORC 790514,16-17,0709 & 13 meetings.

MILLER,G.P. :Metropolitan Edison Co.  
VANWHITBECK,T. :Metropolitan Edison Co.  
DATE ISS:79/07/13, 118pp. ,48X:19492-257,ODI:B&W 0759 ,TN:GB03 3.1

8307120344 Resume of GP Miller.

MILLER,G.P. :Metropolitan Edison Co.  
DATE ISS:82/06/02, 1p. ,48X:19456-361,ODI:B&W 0762 ,TN:GB03 IRRELEVANT

8307120360 Discusses overview of Unit 2 procedure history.

\* :Metropolitan Edison Co.  
SEELINGER,J.L. :Metropolitan Edison Co.  
DATE ISS:79/05/25, 3pp. ,48X:19457-008,ODI:B&W 0766 ,TN:GB03 IRRELEVANT

8307120363 Statistical calculations.

\* :Babcock & Wilcox Co.  
DATE ISS:82/06/04, 1p. ,48X:19457-011,ODI:B&W 0768 ,TN:GB03 3.1

8307120699 Discusses NRC Exit Interview 77-10 for insp on 770314-18.No  
items of noncompliance.Minutes encl.

NELSON,M.A. :Metropolitan Edison Co.  
MILLER,G.P. :Metropolitan Edison Co.  
DATE ISS:77/03/18, 6pp. ,48X:19457-072,ODI:B&W 0781 ,TN:GB03 IRRELEVANT

8307120705 Discusses need to create sys for dissemination of  
correspondence.

SEELINGER,J. :Metropolitan Edison Co.  
MILLER,G.P. :Metropolitan Edison Co.  
DATE ISS:77/03/29, 3pp. ,48X:19457-078,ODI:B&W 0782 ,TN:GB03 IRRELEVANT

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8307080584 Account Book 965.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:77/10/21, 953pp. ,48X:19409-253,ODI:B&W 0785 ,TN:GB03 3.2

8307090125 Operational Log for 770908.

\* :Babcock & Wilcox Co.  
: DATE ISS:77/09/08, 2pp. ,48X:19453-024,ODI:B&W 0786 ,TN:GB03 IRRELEVANT

8307090142 Summary of B&W User Meeting on 771111-15 & 16.

\* :Babcock & Wilcox Co.  
: Babcock & Wilcox Co.  
: DATE ISS:77/11/16, 41pp. ,48X:19453-188,ODI:B&W 0793 ,TN:GB03 3.2

8307090147 Interview of GP Miller re TMI-2 event on 790328.

MILLER,G.P. :Metropolitan Edison Co.  
: DATE ISS:82/06/11, 31pp. ,48X:19453-288,ODI:B&W 0800 ,TN:GB03 3.1

8307090151 Statement of GP Miller re TMI-2 incident on 790328.

MILLER,G.P. :Metropolitan Edison Co.  
: DATE ISS:79/05/07, 32pp. ,48X:19453-347,ODI:B&W 0801 ,TN:GB03 3.1

8307120056 Investigation interview w/GA Kunder on 790425 in Middletown,  
PA.

KUNDER,G.A. :Metropolitan Edison Co.  
: DATE ISS:79/04/25, 59pp. ,48X:19457-290,ODI:B&W 0864 ,TN:GB03 3.1

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- 8307120065 Forwards status repts for both TMI units. Unit 1 in commercial operation since Sept 1974 & Unit 2 currently undergoing startup testing for commercial operation scheduled for Nov 1978.  
HERBEIN, J.G. :Metropolitan Edison Co.  
:Edison Electric Institute  
DATE ISS:78/09/30, 16pp. ,48X:19458-018, ODI:B&W 0876 ,TN:GB03 3.2
- 8307120070 "Analysis of TMI-2 770906 Event During Hot Functional Tests."  
  
KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:81/10/07, 13pp. ,48X:19458-062, ODI:B&W 0877 ,TN:GB03 3.2
- 8307130391 Lists addl items to be considered as possible recommendations or areas where further action advisable re 781107 trip. Pressurizer water level should be increased to 240 inches during normal operation.  
HERBEIN, J.G. :Metropolitan Edison Co.  
ARNOLD, R.C. :Metropolitan Edison Co.  
DATE ISS:78/11/20, 7pp. ,48X:19501-146, ODI:B&W 0878 ,TN:GB03 3.2
- 8307130392 Recommends pressurizer electromagnetic relief valve RC-RV2 be periodically inspected for corrosion products & for freedom of movement of lever pin & lever hinges noting clearance w/solenoid bracket.  
ROGERS, L.C. :Babcock & Wilcox Co.  
HERBEIN, J.G. :General Public Utilities - GPU Service Corp.  
DATE ISS:75/07/30, 1p. ,48X:19501-153, ODI:B&W 0881 ,TN:GB03 IRRELEVANT
- 8307120113 "Selection, Training, Qualification & Licensing of TMI Reactor Operating Personnel."  
  
EYCHISON, R. :President's Commission on the Accident at Three Mile Island  
: |  
DATE ISS:79/10/31, 100pp. ,48X:19458-094, ODI:B&W 0890 ,TN:GB03 3.2
- 8307120178 Summary of plant operations from 790214-0401.  
  
\* :Babcock & Wilcox Co.  
: |  
DATE ISS:79/02/14, 183pp. ,48X:19459-188, ODI:B&W 0903 ,TN:GB03 3.2

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8307090342 Forwards third draft investigative task force summary report re TMI accident. Rept reflects revs discussed during 791011-12 meetings. Comments requested by 791022.

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 77pp. ,48X:19400-185,ODI:B&W 0907 ,TN:GB03 3.1,3.2

8307090348 Log entries for 810520,21,0619 & 0818 re telcon, completed tasks & personnel identification numbers.

DOMINGUEZ, A.J. :Pennsylvania Power & Light Co.  
: :  
DATE ISS:81/08/18, 1p. ,48X:19401-125,ODI:B&W 0909 ,TN:GB03 3.2

8307090381 Forwards Rev 0 to Draft Procedure DP 11202.06, "Loss of Reactor Coolant."

SUHRKE, K.E. :Babcock & Wilcox Co.  
MURRAY, T.D. :Toledo Edison Co.  
DATE ISS:73/04/27, 5pp. ,48X:19402-092,ODI:B&W 1020 ,TN:GB03 IRRELEVANT

8307090326 Transcript of Zewe 790409 interview. Page 14.

ZEW E :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/04/09, 1p. ,48X:19487-350,ODI:B&W 4000A ,TN:GB03 IRRELEVANT

8307090330 "Atomic Energy Clearing House," Vol 24, Number 2, dtd 780109.

\* :Congress (Joint & Rotating Committees, etc.)  
: :  
DATE ISS:78/01/09, 4pp. ,48X:19487-351,ODI:B&W 4001 ,TN:GB03 3.2

8307110789 Informs that proposed Task 73, "Computerized Field Change Reporting Sys," closed & no further action anticipated. Proposal for computerized field change reporting sys encl.

DENDLER, M.R. :Metropolitan Edison Co.  
JANIS, J.T. :Babcock & Wilcox Co.  
DATE ISS:78/09/08, 10pp. ,48X:19480-029,ODI:B&W 4002 ,TN:GB03 IRRELEVANT

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8307110792 Handwritten notes from users meeting on 771115.

\* :Babcock & Wilcox Co.  
: DATE ISS:77/11/15, 33pp. ,48X:19480-040,ODI:B&W 4004 ,TN:GB03 IRRELEVANT

8307110793 "TMI, Rept to Commissioners & to Public," Vol II, Part 1.  
Pg 109-111 only.

ROGOVIN, M. :NRC - No Detailed Affiliation Given  
: DATE ISS:82/05/10, 4pp. ,48X:19480-073,ODI:B&W 4005 ,TN:GB03 3.2

8307120728 Transcript of 791115 interview of W Zewe in Harrisburg, PA.  
Pg 1-44.

\* :Senate  
: DATE ISS:79/11/15, 44pp. ,48X:19461-225,ODI:B&W 4007 ,TN:GB03 3.1, 3.2

8307120736 "Tailpipe Temps - PORV Openings at TMI-2."

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/12, 1p. ,48X:19461-269,ODI:B&W 4008 ,TN:GB03 IRRELEVANT

8307120742 Daily plant status report for 790419.

\* :Babcock & Wilcox Co.  
: DATE ISS:78/04/19, 1p. ,48X:19461-270,ODI:B&W 4008A ,TN:GB03 IRRELEVANT

8307120751 Daily plant status report for 790114.

SMITH, B.G. :Babcock & Wilcox Co.  
: DATE ISS:78/10/14, 1p. ,48X:19461-271,ODI:B&W 4008B ,TN:GB03 IRRELEVANT

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8307120756 Daily plant status report for 790115.

MEHLER, B. :Babcock & Wilcox Co.  
:;  
DATE ISS:79/01/15, 1p. ,48X:19461-272,ODI:B&W 4008C ,TN:GB03 IRRELEVANT

8307120760 TMI reactor trip report re loss of feedwater causing reactor to trip on high pressure.

HITZ, G.R. :Babcock & Wilcox Co.  
:;  
DATE ISS:78/04/19, 8pp. ,48X:19461-273,ODI:B&W 4008D ,TN:GB03 IRRELEVANT

8307120765 TMI reactor trip report for Unit 2 re loss of feedwater to once-through steam generator.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:78/10/14, 9pp. ,48X:19461-281,ODI:B&W 4008E ,TN:GB03 IRRELEVANT

8307120771 TMI reactor trip report for Unit 2 re low RCS pressure.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/01/15, 32pp. ,48X:19461-290,ODI:B&W 4008F ,TN:GB03 IRRELEVANT

8307120777 Discharge line temps for 781201-790115.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:83/07/12, 2pp. ,48X:19461-322,ODI:B&W 4009 ,TN:GB03 IRRELEVANT

8307120780 Daily plant status report for 781201-790115.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:78/12/01, 46pp. ,48X:19461-324,ODI:B&W 4009A ,TN:GB03 IRRELEVANT

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8307120786 Discharge line temps for 790131-0327.

\* :Babcock & Wilcox Co.

DATE ISS:83/07/12, 2pp. ,48X:19462-008,ODI:B&W 4010 ,TN:GB03

IRRELEVANT

8307090279 Transcript of ACRS Subcommittee on TMI-2 790606 meeting in  
Middletown,PA.Pp 1-192.

\* :ACRS - Advisory Committee on Reactor Safeguards

DATE ISS:79/06/06, 227pp. ,48X:19487-104,ODI:B&W 4012 ,TN:GB03

3.1, 3.2

8307120657 RCS temp,pressure & pressurizer level data for 780423 &  
790328.

\* :Metropolitan Edison Co.

DATE ISS:79/03/28, 1p. ,48X:19462-298,ODI:B&W 4014 ,TN:GB03

3.2

8307120687 Transcript of E Frederick interview on 790510 before  
President's Commission.

FREDERICK,E. :General Public Utilities - GPU Service Corp.

DATE ISS:79/05/10, 79pp. ,48X:19462-308,ODI:B&W 4020 ,TN:GB03

3.1

8307120704 Graph of "Makeup Tank Level Response During Known HPI  
Actuation."

\* :Babcock & Wilcox Co.

DATE ISS:79/03/28, 1p. ,48X:19463-039,ODI:B&W 4022 ,TN:GB03

3.1

8307120713 Log of sequence of events from 790327-28 at TMI-2.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/03/28, 3pp. ,48X:19463-040,ODI:B&W 4023 ,TN:GB03

3.1



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8307120750 Testimony of C. Michelson on 790906 in Bethesda, MD. Pp 1-63.

MICHELSON, C. :Tennessee Valley Authority  
:;  
DATE ISS:79/09/06, 63pp. ,48X:19463-061,ODI:B&W 4029 ,TN:GB03 3.2

8307120781 Summary of valve problem in RCS.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:77/11/03, 1p. ,48X:19463-150,ODI:B&W 4033 ,TN:GB03 3.2

8307120630 Partial deposition of RW Keaten on 820105 in New York, NY.

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/01/02, 7pp. ,48X:19495-254,ODI:B&W 4035 ,TN:GB03 IRRELEVANT

8307120691 Results of tests & special operations in progress during  
780411-19, including TP 800/21 & TP 710/1 FP physics testing  
re installing steam line from MFWP to 13th stage to supply  
FW heating & filling main generator w/hydrogen, respectively.

HITZ, G.A. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:78/04/19, 10pp. ,48X:19495-268,ODI:B&W 4040 ,TN:GB03 3.2

8307120700 Deposition of JB Logan on 790805 in Harrisburg, PA. Pp 113-  
116.

LOGAN, J.B. :Metropolitan Edison Co.  
:;  
DATE ISS:79/08/05, 5pp. ,48X:19495-278,ODI:B&W 4041 ,TN:GB03 IRRELEVANT

8307120711 Deposition of JB Logan on 790806 in Harrisburg, PA.  
Pp 145 & 166-167.

LOGAN, J.B. :Metropolitan Edison Co.  
:;  
DATE ISS:79/08/06, 3pp. ,48X:19495-283,ODI:B&W 4042 ,TN:GB03 IRRELEVANT

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8307120755 Handwritten Test Log, Hook 3.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:78/03/30, 3pp. ,48X:19495-298,ODI:B&W 4050 ,TN:GB03 3.2

8307120789 Graph of drain tank pressure time after turbine trip.

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:83/07/11, 1p. ,48X:19495-321,ODI:B&W 4054 ,TN:GB03 3.1

8307120815 "RCS Temp, Pressure & Pressurizer Level for 780423, 1107, 1202 & Accident."

\* :Metropolitan Edison Co.  
: |  
DATE ISS:83/07/11, 12pp. ,48X:19495-323,ODI:B&W 4057 ,TN:GB03 3.1, 3.2

8307120826 Graphs re 780423 failed open steam safety valves.

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:83/07/11, 1p. ,48X:19496-045,ODI:B&W 4059 ,TN:GB03 3.2

8307090324 TMI=2 unidentified leakage calculation.

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:79/03/19, 1p. ,48X:19487-349,ODI:B&W 4067 ,TN:GB03 IRRELEVANT

8307090333 Handdrawn graph of RCS vol vs time re HPI.

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:83/07/09, 1p. ,48X:19487-355,ODI:B&W 4075 ,TN:GB03 IRRELEVANT

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8307130026 Computerized list of sequence of events.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/03/28, 1p. ,48X:19496-239,ODI:B&W 4112 ,TN:GB03 3.1

8307130054 Transcript of 790525 util group discussion.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/05/25, 3pp. ,48X:19496-349,ODI:B&W 500088 ,TN:GB03 3.1

8307130060 Transcript of 790525 util group discussion.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/05/25, 3pp. ,48X:19496-352,ODI:B&W 5000CC ,TN:GB03 3.1

8307090337 Interview w/Frederick on 790406.

FREDERICK :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/04/06, 1p. ,48X:19487-356,ODI:B&W 500788 ,TN:GB03 IRRELEVANT

8307130130 Transcript of 790406 interview w/util.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/04/06, 1p. ,48X:19497-014,ODI:B&W 500788 ,TN:GB03 3.2

8307090339 Transcript of B Mehler testimony.Pp 9-10.

MEHLER,B. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/07/09, 3pp. ,48X:19487-357,ODI:B&W 50088 ,TN:GB03 IRRELEVANT

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- 8307010229 Submits task description to TMI-2 concerns re main feedwater  
sys reliability. Task will analyze operating plant data &  
perform reliability analysis to improve availability &  
reduce challenges to RPS & protection sys.  
\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:81/01/27, 2pp. ,48X:19178-128,ODI:GPU 0037 ,TN:GB03 IRRELEVANT
- 8307070572 Discusses concerns within ECCS analysis re potential for  
operator action to terminate HPI following initial stage of  
LOCA. Full injection flow must be maintained from start  
of emergency ESFF actuation sys.  
DUNN, B.M. :Babcock & Wilcox Co.  
TAYLOR, J. :Babcock & Wilcox Co.  
DATE ISS:78/02/07, 3pp. ,48X:19337-250,ODI:GPU 0078 ,TN:GB03 3.2
- 8307120340 Recommends procedure for termination HPI following LOCA  
Scheme acceptable from standpoint of preventing adverse long  
adverse long range problems & easier to implement.  
DUNN, B.M. :Babcock & Wilcox Co.  
TAYLOR, J. :Babcock & Wilcox Co.  
DATE ISS:78/02/16, 2pp. ,48X:19512-337,ODI:GPU 0079 ,TN:GB03 IRRELEVANT
- 8307120343 Comments on recommended change in B&W philosophy for HPI  
sys during low pressure transients.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:78/08/03, 2pp. ,48X:19512-339,ODI:GPU 0080 ,TN:GB03 IRRELEVANT
- 8307080053 Forwards rev to 790404 operating instructions for operator  
action to override ESF actuation sys & terminate HPI. Rev.  
allows operator alternative to 20-minute operability period  
to preclude pressurizer from going cold.  
BRAZILL, G.J. :Babcock & Wilcox Co.  
HAM, R.E. :Babcock & Wilcox Co.  
DATE ISS:79/04/17, 2pp. ,48X:19337-279,ODI:GPU 0086 ,TN:GB03 3.2
- 8307120372 Forwards info which includes curve to assist operator in  
meeting RCS subcooling limits if HPI initiated by low  
RCS pressure.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
ELLISON, K.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/10, 2pp. ,48X:19512-361,ODI:GPU 0087 ,TN:GB03 IRRELEVANT

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- 8307120775 Forwards reported concern re small breaks at pump discharge on 177FA lowered loop plants. Preliminary indication is that concern will be reportable per Part 21. Evaluations & recommendations for possible corrective action initiated.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
JONES, R.C. :Babcock & Wilcox Co.  
DATE ISS:78/04/12, 4pp. ,48X:19464-124, ODI:GPU 0090 ,TN:GB03 3.2
- 8307120818 Procedure 1716-A1 "Reporting of Defects & Noncompliance Repts Concerning Safety (10CFR21)."  
\* :Babcock & Wilcox Co.  
DATE ISS:77/12/06, 9pp. ,48X:19464-169, ODI:GPU 0095 ,TN:GB03 IRRELEVANT
- 8307080076 Forwards commitments resulting from various meetings & correspondence responsive re to NRC safety concerns identified in NRR 790425 status rept on feedwater transients in B&W plants.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
MATTSON, R.J. : Division of Svstems Integration (post 811005)  
DATE ISS:79/04/30, 44pp. ,48X:19337-326, ODI:GPU 0103 ,TN:GB03 3.2
- 8307080102 Submits action plan for development of operational procedures for safe mat of small breaks in RCPB. Procedures should be implemented at 177 FA plants.  
KANE, E.R. :Babcock & Wilcox Co.  
ROY, D.H. :Babcock & Wilcox Co.  
DATE ISS:79/04/30, 2pp. ,48X:19338-035, ODI:GPU 0107 ,TN:GB03 IRRELEVANT
- 8307080108 Forwards Parts I & II of B&W current operating guidelines for small breaks.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
ELLISON, K.R. :Babcock & Wilcox Co.  
DATE ISS:79/03/07, 1p. ,48X:19338-037, ODI:GPU 0108 ,TN:GB03 IRRELEVANT
- 8307120865 Discusses what guidelines should be given to customers re proper use of high pressure injection sys.  
KELLY, J.J. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:77/11/01, 1p. ,48X:19464-313, ODI:GPU 0131 ,TN:GB03 3.2

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8307120871 Site problem rept re Davis-Besse 1.

\* :Babcock & Wilcox Co.  
:   
DATE ISS:77/10/11, 85pp. ,48X:19464-334,ODI:GPU 0133 ,TN:GB03 3.2

8307020211 Log of events & actions re facilities,790312-29.

\* :Babcock & Wilcox Co.  
:   
DATE ISS:81/04/16, 4pp. ,48X:19225-107,ODI:GPU 0134 ,TN:GB03 3.1

8307020212 Submits operating instructions for stuck open PORV.PORV not used in safety analysis calculations.Increasing PORV setpoint will result in decrease in plant flexibility.

KANE,E.R. :Babcock & Wilcox Co.  
WOMACK,E.A. :Babcock & Wilcox Co.  
DATE ISS:79/04/09, 1p. ,48X:19225-111,ODI:GPU 0135 ,TN:GB03 IRRELEVANT

8307020218 Forwards info re transient which occurred at plant on 790328 as received.Info should be used w/caution.Possibility info incorrect as reported,contradictory w/other repts or incorrect as recorded.

WANDLING,G.K. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/03/29, 13pp. ,48X:19225-123,ODI:GPU 0138 ,TN:GB03 3.1

8307020221 Discusses availability of B&W plants as worst in industry due to problems w/reactor coolant pumps,seals & control rod drive mechanisms.Objective of 90% availability for NSSS by 1980 improbable,Requests draft reply by 781020.

VANNOY,W.M. :Babcock & Wilcox Co.  
FAVRET,L.M. :Babcock & Wilcox Co.  
DATE ISS:78/10/05, 2pp. ,48X:19225-136,ODI:GPU 0139 ,TN:GB03 IRRELEVANT

8307020225 Discusses impact balance of plant issue has in terms of NSSS availability.Balance of plant ranks eighth behind issues of more serious nature.Recommends emphasis be modified to reflect relative importance.

PHINNEY,J.D. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/02/23, 2pp. ,48X:19225-138,ODI:GPU 0140 ,TN:GB03 IRRELEVANT

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- 8307020250 Lists 10 lessons learned from TMI-2 incident. Total product, hardware, software & svcs, not adequate to prevent long duration loss of control of plant & most severe damage to core first lesson learned.  
KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/11, 2pp. ,48X:19225-185,ODI:GPU 0147 ,TN:GB03 3.2
- 8307120874 Questions re cause of 1/2 trip of SFRCs.  
  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:81/05/04, 10pp. ,48X:19464-317,ODI:GPU 0148 ,TN:GB03 IRRELEVANT
- 8307020253 Deposition of JJ Kelly on 790707 in New York, NY.  
  
KELLY, J.J. :Babcock & Wilcox Co.  
DATE ISS:79/07/07, 71pp. ,48X:19225-237,ODI:GPU 0150 ,TN:GB03 3.2
- 8307020255 Forwards description of TECO depressurization event developed as part of B&W input into formal rept to NRC. Times given are estimates based on available data.  
KELLY, J.J. :Babcock & Wilcox Co.  
LAUER, J.A. :Babcock & Wilcox Co.  
DATE ISS:77/10/24, 15pp. ,48X:19225-308,ODI:GPU 0151 ,TN:GB03 3.2
- 8307050243 "Site Problem Rept."  
  
HALSTED, D. :Babcock & Wilcox Co.  
DATE ISS:77/11/09, 51pp. ,48X:19225-323,ODI:GPU 0152 ,TN:GB03 3.2
- 8307020257 Supplemental Re NP-32-77-16: on 770924, main turbine shut down to repair leak in pressure sensing connection on steam line while spurious half drip occurred in steam feedwater rupture control sys. Cause unknown.  
MURRAY, T.D. :Toledo Edison Co.  
KEPPLER, J.G. : Region 3, Chicago, Office of the Director  
DATE ISS:77/11/14, 59pp. ,48X:19226-013,ODI:GPU 0153 ,TN:GB03 3.2

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8307020259 Forwards LER 77-016/0L1-0.

EVANS, J. : Toledo Edison Co.  
KEPPLER, J.G. : Region 3, Chicago, Office of the Director  
DATE ISS: 77/10/07, 1p. , 48X: 19226-072, ODI: GPU 0154 , TN: GB03 3.2

8307080582 Lists top ten lessons learned from TMI-2.

KOSIBA, R.E. : Babcock & Wilcox Co.  
MACMILLAN, J.H. : Babcock & Wilcox Co.  
DATE ISS: 79/06/11, 2pp. , 48X: 19489-314, ODI: GPU 0213 , TN: GB03 3.2

8307080606 Submits customer svc dept monthly activities rept for Jul 1979.

KOSIBA, R.E. : Babcock & Wilcox Co.  
MACMILLAN, J.H. : Babcock & Wilcox Co.  
DATE ISS: 79/08/09, 11pp. , 48X: 19489-335, ODI: GPU 0220 , TN: GB03 3.2

8307080729 Minutes of 791108 & 30 staff meetings to review findings & recommendations of Technical Review Committee established after TMI-2 accident.

BALL, R.M. : Babcock & Wilcox Co.  
MACMILLAN, J.H. : Babcock & Wilcox Co.  
DATE ISS: 79/12/07, 29pp. , 48X: 19490-014, ODI: GPU 0232 , TN: GB03 3.1

8307120652 Testimony of Dunn re LOCAs.

DUNN, : Babcock & Wilcox Co.  
DATE ISS: 83/07/11, 12pp. , 48X: 19493-112, ODI: GPU 0253 , TN: GB03 3.2

8307120660 Discusses lack of prompt notification to TMI re substantial safety hazard. Proper customer notification will be provided by licensing.

TAYLOR, J.H. : Babcock & Wilcox Co.  
MACMILLAN, J.H. : Babcock & Wilcox Co.  
DATE ISS: 78/02/10, 3pp. , 48X: 19493-124, ODI: GPU 0254 , TN: GB03 IRRELEVANT



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8307120681 Suggests policy calling for detailed incident report for every significant incident affecting B&W plants.

TAYLOR, J.H. :Babcock & Wilcox Co.  
DEDDENS, J.C. :Babcock & Wilcox Co.  
DATE ISS:78/04/14, 5pp. ,48X:19493-127, ODI:GPU 0255 ,TN:GB03 IRRELEVANT

8307120694 Stresses necessity of safety analysis participation in resolution of site operational problems, to minimize cost licensing risk.

ROY, D.H. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:78/05/16, 5pp. ,48X:19493-132, ODI:GPU 0256 ,TN:GB03 3.2

8307120703 Advises of 790111 engineering dept meeting to generate specific proposals to correct underlying causes of recent incident.

WOMACK, E.A. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/01/08, 16pp. ,48X:19493-137, ODI:GPU 0257 ,TN:GB03 3.2

8307080757 Forwards report on startup & shutdown procedures for steam generators w/seal-welded feedwater nozzles resulting from safety concern reported in June 1977.

TAYLOR, J.H. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:78/02/02, 5pp. ,48X:19490-068, ODI:GPU 0259 ,TN:GB03 IRRELEVANT

8307120727 Advises that preliminary report of Safety Concern PSC 16-79 will be provided upon completion.

TAYLOR, J.H. :Babcock & Wilcox Co.  
KLEIN, S.H. :Babcock & Wilcox Co.  
DATE ISS:79/05/31, 7pp. ,48X:19493-303, ODI:GPU 0262 ,TN:GB03 IRRELEVANT

8307080790 Responds to 790914 request for info re probability studies by B&W. Probability analysis on failure of PORV to reclose based on historical reactor trip & turbine trip data.

TAYLOR, J.H. :Babcock & Wilcox Co.  
FRALEY, R.F. :ACRS - Advisory Committee on Reactor Safeguards  
DATE ISS:79/12/10, 2pp. ,48X:19490-100, ODI:GPU 0265 ,TN:GB03 IRRELEVANT

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8307090051 Concurs w/RO Vosburgh 780411 findings re site problems review. Benefit to interface mat program to have front loading participation on problems. Findings encl.

LABELLE, D.W. :Babcock & Wilcox Co.  
ROY, D.H. :Babcock & Wilcox Co.  
DATE ISS:78/04/13, 3pp. ,48X:19490-217, ODI:GPU 0285 ,TN:GB03 3.2

8307090057 Forwards RO Vosburgh & MV Bonaca recommendations re TMI-2 aftermath planning for improved safety.

LABELLE, D.W. :Babcock & Wilcox Co.  
ROY, D.H. :Babcock & Wilcox Co.  
DATE ISS:79/05/07, 5pp. ,48X:19490-220, ODI:GPU 0286 ,TN:GB03 IRRELEVANT

8307090059 "Potential Lessons to be Learned From TMI-2."

LABELLE, D.W. :Babcock & Wilcox Co.  
DATE ISS:79/05/25, 2pp. ,48X:19490-225, ODI:GPU 0287 ,TN:GB03 IRRELEVANT

8307090093 Discusses problem of once-through steam generator dry out in 1-2 minutes following loss of feedwater. New safety criteria requiring all plants to have turbine trip initiated by loss of feedwater indication recommended solution.

LABELLE, D.W. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:79/05/08, 1p. ,48X:19490-296, ODI:GPU 0293 ,TN:GB03 IRRELEVANT

8307090127 Advises that preliminary safety concern re reliability of ESFAS II discussed in DW LaBelle 791207 memo has been closed out.

TAYLOR, J.H. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:80/04/25, 2pp. ,48X:19490-361, ODI:GPU 0302 ,TN:GB03 IRRELEVANT

8307090138 Recommends that operating plant customers be informed of 780320 cooldown incident at Rancho Seco given suggestions on how to minimize plant thermal transient for loss of non-nuclear instrumentation.

KARRASCH, B.A. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:78/03/29, 2pp. ,48X:19491-013, ODI:GPU 0306 ,TN:GB03 IRRELEVANT

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8307090141 Understands that small group of key designers organized to review SMUD rapid cooldown transient & develop what could have been or could be done to reduce likelihood or limit consequences of recurrence.  
WOMACK, E.A. ;Babcock & Wilcox Co.  
KARRASCH, B.A. ;Babcock & Wilcox Co.  
DATE ISS:78/08/21, 10pp. ,48X:19491-016,ODI:GPU 0308 ,TN:GB03 3.2

8307130023 Operating Plant Svc Bulletin, Vol 2, Number 39.  
  
\* ;Babcock & Wilcox Co.  
DATE ISS:77/09/30, 2pp. ,48X:19498-190,ODI:GPU 0337 ,TN:GB03 3.2

8307130033 Operating Plant Svc Bulletin, Vol 2, Number 41.  
  
\* ;Babcock & Wilcox Co.  
DATE ISS:77/10/14, 2pp. ,48X:19498-192,ODI:GPU 0338 ,TN:GB03 3.2

8307020185 Comments on completion of first yr of commercial operation of plant.  
  
ROGERS, L.C. ;Babcock & Wilcox Co.  
KENNEDY, J.P. ;Babcock & Wilcox Co.  
DATE ISS:75/09/02, 4pp. ,48X:19224-218,ODI:GPU 0339 ,TN:GB03 3.2

8307020188 Submits operating history for first cycle at plant.  
  
ROGERS, L.C. ;Babcock & Wilcox Co.  
PHINNEY, J.D. ;Babcock & Wilcox Co.  
DATE ISS:76/02/21, 8pp. ,48X:19224-222,ODI:GPU 0340 ,TN:GB03 3.2

8307020207 Summary of 771115-16 User's Group meeting in Washington, DC.  
  
COBB, W.A. ;Babcock & Wilcox Co.  
DATE ISS:78/02/03, 33pp. ,48X:19224-251,ODI:GPU 0346 ,TN:GB03 3.2

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8307130136 Discusses recommendation for insp & repairs to all B&W OTSG re possibly generic weld deficiencies.

PITTMAN, R.L. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.

DATE ISS:76/04/26, 175pp. ,48X:19499-135,ODI:GPU 0371 ,TN:GB03

IRRELEVANT

8307060480 Outlines summarization of incident, B&W assessment of primary message from util & required short term actions.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.

DATE ISS:81/09/30, 3pp. ,48X:19302-150,ODI:GPU 0381 ,TN:GB03

IRRELEVANT

8307060510 Advises of follow-up program to determine cause of Graham Heliflow letdown coolers failure & possible repair methods for leaking coolers. Parallel operation of both cooler units recommended.

ROGERS, L.C. :Babcock & Wilcox Co.  
HERBEIN, J.G. :Metropolitan Edison Co.

DATE ISS:77/04/07, 2pp. ,48X:19302-196,ODI:GPU 0391 ,TN:GB03

IRRELEVANT

8307060512 Recommends that all ethylene-propylene O-rings be replaced w/silicone O-rings during next refueling outage as preventive action for insulation deterioration. Steps for stator changeout, maint checks & followup discussed.

ROGERS, L.C. :Babcock & Wilcox Co.  
LAWYER, L.L. :Metropolitan Edison Co.

DATE ISS:78/03/20, 2pp. ,48X:19302-198,ODI:GPU 0392 ,TN:GB03

IRRELEVANT

8307060516 Advises of two burnable poison rod assemblies found outside of fuel assemblies at Crystal River 3 & that Davis-Besse 1 & TMI-2 should continue operation. Recommended precautionary measures discussed & immediate notification recommended.

WARD, E.G. :Babcock & Wilcox Co.  
BARTON, J.J. :General Public Utilities - GPU Service Corp.

DATE ISS:78/03/30, 2pp. ,48X:19302-200,ODI:GPU 0393 ,TN:GB03

IRRELEVANT

8307130146 Forwards summary & comments on B&W operating seminar. Notes finalized 790327, 1 day prior to accident. No attempt at update made, nor have notes been distributed previously.

SEELINGER, J.L. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.

DATE ISS:79/04/24, 14pp. ,48X:19499-300,ODI:GPU 0394 ,TN:GB03

IRRELEVANT

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8307060519 Reactor performance status rept for Apr 1974. Answers found  
give raise to new questions. Confusion exists on higher  
level.  
KANE, E.R. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:74/05/13, 1p. ,48X:19302-202, ODI:GPU 0395 ,TN:GB03 IRRELEVANT

8307060521 Forwards draft repts on small break scenarios to be used in  
small break cooldown procedure. Comments requested.  
Descriptions of RCS leaks w/auxiliary feedwater & w/o  
feedwater & small breaks in pressurizer encl.  
JONES, R.C. :Babcock & Wilcox Co.  
KANE, E.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/02, 13pp. ,48X:19302-203, ODI:GPU 0397 ,TN:GB03 IRRELEVANT

8307060528 Part 21 rept re visual linear defects in ASME III Class 2  
core flooding sys isolation valve & unacceptable indications  
in six ASME III Class 1 decay heat sys isolation valves at  
WPPSS. Cause will be investigated.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/12/13, 6pp. ,48X:19302-216, ODI:GPU 0398 ,TN:GB03 IRRELEVANT

8307060530 Monthly operating rept for Sept 1979.  
KANE, F.R. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/10/04, 7pp. ,48X:19302-222, ODI:GPU 0400 ,TN:GB03 IRRELEVANT

8307060569 Forwards 780525 Rev 1 to 780329 site problem rept re Rancho  
Seco reactor trip 780320. Response states that info forwarded  
to util in transient analysis w/TMI problem. Rapid cooldown  
780727 memo & 780324 evaluation encl.  
CULBERSON, D.G. :Babcock & Wilcox Co.  
ROGERS, L.C. :Babcock & Wilcox Co.  
DATE ISS:78/07/28, 50pp. ,48X:19302-265, ODI:GPU 0410 ,TN:GB03 3.2

8307060637 Requests action on Task Item 78 re rereview of Davis-Besse  
transient identified in 771004 site problem rept. Chart for  
Items 73-80 of owners group tasks re TMI-2 incident encl.  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:82/01/22, 2pp. ,48X:19340-008, ODI:GPU 0425 ,TN:GB03 3.2

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- 8307060639 Submits recommended actions resulting from review of applicability of Davis-Besse 771004 site program rept in view of TMI-2. Further investigation of flow changes & pressurizer level & sys pressure trend recommended.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
SHORT, B.J. :Babcock & Wilcox Co.  
DATE ISS:79/06/20, 1p. ,48X:19340-010,ODI:GPU 0426 ,TN:GB03 3.2
- 8307060640 Discusses site instructions issued to operating plants re TMI-2 accident. Info will be used in ACRS presentation. List of instructions & corresponding dates sent to plants encl.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
KANE, E.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/23, 3pp. ,48X:19340-011,ODI:GPU 0427 ,TN:GB03 IRRELEVANT
- 8307060643 Lists activities, including site program repts, weekly status repts, RADCAS, emergency operations, owners group meetings, operating experience seminar, plant data output, summary test rept, restart test rept & training contacts.  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:82/01/22, 1p. ,48X:19340-015,ODI:GPU 0429 ,TN:GB03 IRRELEVANT
- 8307060654 Comments on effect of reactor coolant pump startup under small break LOCA conditions. Proof not conclusive that startup during small break LOCA will occur w/o difficulty. Most info suggests no effect. Calculations of test encl.  
CUDLIN, J.J. :Babcock & Wilcox Co.  
DUNN, B.M. :Babcock & Wilcox Co.  
DATE ISS:79/05/04, 6pp. ,48X:19340-056,ODI:GPU 0435 ,TN:GB03 IRRELEVANT
- 8307070014 Summarizes problems in small break operating guidelines & proposes program to rectify problems re reactor coolant pumps. Proposal will be submitted in Mar 1980 if funded in Jan 1980. Rejected 790502 proposal on emergency limits encl.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
HAM, R.E. :Babcock & Wilcox Co.  
DATE ISS:80/01/21, 15pp. ,48X:19340-066,ODI:GPU 0438 ,TN:GB03 IRRELEVANT
- 8307070028 Recommends that B&W site residents should be requested to submit immediately notification of PORV operation situations. Prompt feedback to JD Carlson requested.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
ELLISON, K.R. :Babcock & Wilcox Co.  
DATE ISS:79/06/08, 1p. ,48X:19340-083,ODI:GPU 0441 ,TN:GB03 IRRELEVANT

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8307070030 Task description of "B&W Operating Plant Experience Utilization."

WOMACK, E.A. :Babcock & Wilcox Co.

DATE ISS:82/01/28, 4pp. ,48X:19340-084,ODI:GPU 0442 ,TN:GB03

IRRELEVANT

8307070046 Summarizes analysis of data for transients. Calculations allow estimation of transient frequencies w/consideration of power level discrimination & learning curve effect techniques. Categorized tables encl.

MONTGOMERY, R.L.:Babcock & Wilcox Co.

OELKERS, E. :Babcock & Wilcox Co.

DATE ISS:78/09/11, 28pp. ,48X:19340-102,ODI:GPU 0447 ,TN:GB03

IRRELEVANT

8307060526 Summary of 770928 meeting w/Bechtel, B&W & NRC at Davis-Besse site re 770924 accident.

\* :Toledo Edison Co.

:Toledo Edison Co.

DATE ISS:77/09/28, 5pp. ,48X:19340-269,ODI:GPU 0488 ,TN:GB03

3.2

8307060532 Forwards RO re 750613 electromatic relief valve malfunction due to lever pin, lever hinge & solenoid bracket corrosion. Manual/visual checks for freedom of valve motion should be performed.

WANDLING, G.K. :Babcock & Wilcox Co.

ROGERS, L.C. :Babcock & Wilcox Co.

DATE ISS:75/07/15, 1p. ,48X:19340-274,ODI:GPU 0489 ,TN:GB03

3.2

8307060540 Advises that periodic insps for corrosion products of pressurizer electromatic relief valve PSV-RC 2, in areas of solenoid bracket, link pins & lever & manual/visual checks for freedom of motion, necessary to prevent malfunction.

BAKER, R.J. :Babcock & Wilcox Co.

EVANS, J.G. :Toledo Edison Co.

DATE ISS:75/07/31, 1p. ,48X:19340-276,ODI:GPU 0490 ,TN:GB03

3.2

8307060547 Forwards Site Problem Rept 386 re electromatic relief valve mod. Mod required due to binding condition causing pilot valve stem to stick open due to close tolerance. Pilot valve stem diameter reduced.

\* :Babcock & Wilcox Co.

KLEIN, S.H. :Babcock & Wilcox Co.

DATE ISS:78/03/27, 10pp. ,48X:19340-277,ODI:GPU 0491 ,TN:GB03

IRRELEVANT

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8307060563 Discusses IE insp on 790529 & 1106-08 & forwards notice of noncompliance & proposed imposition of civil penalty.

STELLO, V. :Office of Inspection & Enforcement, Office of the Director  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:80/04/10, 3pp. ,48X:19340-297,ODI:GPU 0497 ,TN:GB03 IRRELEVANT

8307070382 Discusses near-term design improvements identified in 790416 meeting w/ACRS. Mods will provide operators w/more positive indication of PORV position & saturated temp condition indicator for RCS.

MACMILLAN, J.H. :Babcock & Wilcox Co.  
DENTON, H.R. :Office of Nuclear Reactor Regulation, Director  
DATE ISS:79/04/26, 1p. ,48X:19341-109,ODI:GPU 0534 ,TN:GB03 IRRELEVANT

8307070401 Discusses top 10 lessons learned from TMI-2 accident.

BERGER, D.W. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/05, 10pp. ,48X:19341-112,ODI:GPU 0536 ,TN:GB03 IRRELEVANT

8307070439 Discusses emergency operation guideline preparation & maint. Comments on encl LER review proposal requested by 740807.

HALLMAN, D.F. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:79/07/30, 8pp. ,48X:19341-247,ODI:GPU 0541 ,TN:GB03 IRRELEVANT

8307070449 Rev 4 to Policies & Procedures NPG-0504-12, "Preparation & Processing of Site Instructions."

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:78/02/20, 2pp. ,48X:19341-266,ODI:GPU 0545 ,TN:GB03 IRRELEVANT

8307070453 Rev 2 to Policies & Procedures NPG-0504-13, "Preparation of Site Support Documents."

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:77/06/01, 18pp. ,48X:19341-268,ODI:GPU 0546 ,TN:GB03 IRRELEVANT



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- 8307130288 Expresses concern w/ECCS analysis re operator interruption of HPI following initial stage of LOCA. Operating Procedures to allow termination of HPI under stated conditions should be written.  
DUNN, B.M. ;Babcock & Wilcox Co.  
TAYLOR, J. ;Babcock & Wilcox Co.  
DATE ISS:78/02/09, 3pp. ,48X:19503-354, ODI:GPU 0550 ,TN:GB03 3.2
- 8307130296 Discusses acceptable procedure for terminating HPI following LOCA. Procedure requested in 780209 memo will be modified accordingly.  
DUNN, B.M. ;Babcock & Wilcox Co.  
TAYLOR, J. ;Babcock & Wilcox Co.  
DATE ISS:78/02/16, 2pp. ,48X:19503-357, ODI:GPU 0551 ,TN:GB03 IRRELEVANT
- 8307130355 Requests resolution of operator interruption of HPI during low-pressure transients. Memos dtd 780209 & 18 encl.  
HALLMAN, D.F. ;Babcock & Wilcox Co.  
KARRASCH, B.A. ;Babcock & Wilcox Co.  
DATE ISS:78/08/03, 4pp. ,48X:19504-221, ODI:GPU 0571 ,TN:GB03 IRRELEVANT
- 8307130356 Resume of RL Pittman.  
PITTMAN, R.L. ;Babcock & Wilcox Co.  
DATE ISS:83/07/13, 2pp. ,48X:19503-361, ODI:GPU 0572 ,TN:GB03 IRRELEVANT
- 8307060538 RO SPR-372 on 770924, steam & feedwater rupture control sys tripped following closing of startup feedwater valve. Caused by open electromagnetic relief valve. Valve repaired.  
\* ;Toledo Edison Co.  
DATE ISS:77/10/04, 14pp. ,48X:19342-071, ODI:GPU 0575 ,TN:GB03 3.2
- 8307060613 Forwards revised general arrangement drawings determining location of level nozzles & measurement range.  
BURRIS, J.R. ;Babcock & Wilcox Co.  
RYAN, F. ;Babcock & Wilcox Co.  
DATE ISS:74/09/20, 4pp. ,48X:19343-139, ODI:GPU 0596 ,TN:GB03 IRRELEVANT

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8307060622 Operation time log for 780428.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:78/04/28, 1p. ,48X:19343-145,ODI:GPU 0598 ,TN:GB03 IRRELEVANT

8307060625 Rev 1 to "Reactivity Calculation."

HOYT,K.R. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:77/09/08, 4pp. ,48X:19343-146,ODI:GPU 0599 ,TN:GB03 3.2

8307060442 Temporary Change Notice 2-78-410 to Procedure 2103-1.9,  
"Reactivity Balance." Change will update estimated physics  
values w/zero power physics test measured results.

BENSON,M.J. :Metropolitan Edison Co.  
:;  
DATE ISS:78/04/19, 4pp. ,48X:19343-206,ODI:GPU 0601 ,TN:GB03 3.2

8307060603 Telcon w/T Murray re operation of HPI during 770924 event.  
Procedure should be revised.

STREETER,J. : Region 2, Atlanta, Office of the Director  
:;  
DATE ISS:78/09/13, 2pp. ,48X:19344-084,ODI:GPU 1020 ,TN:GB03 3.2

8307060607 Forwards writeups re description of event, evaluation of  
reactor coolant components, evaluation of RC pumps &  
evaluation of fuel pertaining to 770924 depressurization  
event.

LAUER,J.A. :Babcock & Wilcox Co.  
DOMECK,C.R. :Toledo Edison Co.  
DATE ISS:77/10/28, 24pp. ,48X:19344-086,ODI:GPU 1021 ,TN:GB03 3.2

8307120798 Suppl RO NP-32-77-16: on 770924, series of events occurred,  
resulting in depressurization of primary sys from normal  
pressure. Caused by steam feedwater rupture control sys  
spurious half trip.

MURRAY,T.D. :Toledo Edison Co.  
KEPPLER,J.G. :Region 3, Office of Director  
DATE ISS:77/11/14, 58pp. ,48X:19494-103,ODI:GPU 2006 ,TN:GB03 3.2

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8307120814 Graphs re 770924 reactor trip.

\* :Toledo Edison Co.  
: ;  
DATE ISS:77/09/24, 3pp. ,48X:19494-165,ODI:GPU 2007 ,TN:GB03 3.2

8307120819 Facility change request re provision of indication lights in control room to indicate valve or valve lever condition & automatic closure of isolation valve RC-11. Drawings & external ltrs encl.

STALTER, G. :Toledo Edison Co.  
: ;  
DATE ISS:77/09/27, 59pp. ,48X:19494-168,ODI:GPU 2008 ,TN:GB03 IRRELEVANT

8307120823 Informs of review of available data re 770924 transient in which reactor coolant pressure dropped. No degradation of safety considered & facility may be operated as designed.

LAZAR, A.H. :Babcock & Wilcox Co.  
DOMECK, C.R. :Toledo Edison Co.  
DATE ISS:77/10/05, 2pp. ,48X:19494-227,ODI:GPU 2009 ,TN:GB03 3.2

8307070264 Forwards LER 77-016/01T=0 & supplemental info sheet.

EVANS, J. :Toledo Edison Co.  
KEPPLER, J.G. : Region 3, Chicago, Office of the Director  
DATE ISS:77/10/07, 1p. ,48X:19367-001,ODI:GPU 2010 ,TN:GB03 3.2

8307120828 Responds to 771006 telcon requesting addl info re basis of conclusions concerning review data of 770924 depressurization event. Considerations which conclusions based on listed.

LAZER, A.H. :Babcock & Wilcox Co.  
DOMECK, C.R. :Toledo Edison Co.  
DATE ISS:77/10/07, 3pp. ,48X:19494-229,ODI:GPU 2011 ,TN:GB03 3.2

8307120833 Provides writeups to substantiate conclusions BWJ-1578 & 1579 in 771005 & 07 ltrs, re 770924 depressurization event. Categories in write ups listed.

LAZAR, A.H. :Babcock & Wilcox Co.  
DOMECK, C.R. :Toledo Edison Co.  
DATE ISS:77/11/01, 32pp. ,48X:19494-232,ODI:GPU 2012 ,TN:GB03 3.2

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8307120837 Supplementals 771101 ltr re input for rept concerning 770924  
depressurization event. Write up evaluating reactor coolant  
components encl.

LAZAR, A.H. :Babcock & Wilcox Co.  
DOMECK, C.R. :Toledo Edison Co.  
DATE ISS:77/11/07, 4pp. ,48X:19494-264,ODI:GPU 2013 ,TN:GB03 3.2

8307120857 Senior License SOP-2859 for MJ Borivan.

COLLINS, P.F. :Toledo Edison Co.  
DATE ISS:77/01/21, 3pp. ,48X:19495-026,ODI:GPU 2017 ,TN:GB03 IRRELEVANT

8307070281 Timed print out of sequence of events.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:77/09/24, 34pp. ,48X:19338-074,ODI:GPU 2021 ,TN:GB03 3.2

8307120799 Forwards agenda for B&W Users Group 771115 & 16 meeting in  
Washington, DC.

COBB, W.A. :Babcock & Wilcox Co.  
DATE ISS:77/11/07, 4pp. ,48X:19502-348,ODI:GPU 2023 ,TN:GB03 IRRELEVANT

8307120810 Outlines 780305-07 B&W util nuclear operating experience  
seminar program in Hershey, PA

\* :Babcock & Wilcox Co.  
DATE ISS:78/03/05, 3pp. ,48X:19502-354,ODI:GPU 2025 ,TN:GB03 IRRELEVANT

8307070292 Speech entitled "B&W Capabilities & Experience Supporting  
Plant Startup, Operations & Maint," presented at 780306-07  
nuclear operating experience seminar in Hershey, PA.

BAKER, R.J. :Babcock & Wilcox Co.  
DATE ISS:78/03/06, 37pp. ,48X:19338-118,ODI:GPU 2027 ,TN:GB03 IRRELEVANT

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- 8307070301 Speech entitled "Plant Chemistry Update - 1977," presented at 780306-07 nuclear operating experience seminar in Hershey, PA.  
BELL, M.J. ;Babcock & Wilcox Co.  
DATE ISS:78/03/06, 8pp. ,48X:19338-152,ODI:GPU 2028 ,TN:GB03 IRRELEVANT
- 8307120817 Forwards agenda for B&W Users Group meeting in Chicago, IL to review once-through steam generator tube program, secondary side water chemistry & update refueling experience & prior problems.  
COBB, W.A. ;Babcock & Wilcox Co.  
DATE ISS:78/04/28, 6pp. ,48X:19502-357,ODI:GPU 2029 ,TN:GB03 IRRELEVANT
- 8307120827 Notification of B&W Users Group 780509 meeting to discuss once-through steam generator tube program & secondary side water chemistry.  
O'HANLON, J.P. ;Metropolitan Edison Co.  
DATE ISS:78/05/05, 7pp. ,48X:19503-001,ODI:GPU 2030 ,TN:GB03 IRRELEVANT
- 8307120855 Forwards B&W Users Group 780514 meeting minutes re once-through steam generator (OTSG) tube problem, secondary side water chemistry, OTSG level control during heatup & recent refueling experience update.  
COBB, W.A. ;Babcock & Wilcox Co.  
HERBEIN, J.G. ;Metropolitan Edison Co.  
DATE ISS:78/08/16, 15pp. ,48X:19503-008,ODI:GPU 2031 ,TN:GB03 IRRELEVANT
- 8307120866 Summary of B&W Users Group Oct 1978 meeting in Middletown, PA re once-through steam generator tube problem, owners group programs, refueling experience, fuel handling equipment & reactor coolant pump seals. Next B&W meeting on 790509-10.  
O'HANLON, J.P. ;Metropolitan Edison Co.  
DATE ISS:78/10/10, 15pp. ,48X:19503-023,ODI:GPU 2032 ,TN:GB03 IRRELEVANT
- 8307120879 Forwards B&W Users Group 781004-05 meeting minutes re once-through steam generator tube problem, control rod drive mechanism stator program, incore detector experience & plant experience repts. Next B&W group meeting on 790509 & 10.  
COBB, W.A. ;Babcock & Wilcox Co.  
SMITH, J.E. ;Duke Power Co.  
DATE ISS:79/02/26, 45pp. ,48X:19503-038,ODI:GPU 2033 ,TN:GB03 IRRELEVANT

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8307120889 Discusses once-through steam generator (OTSG) level requirements during plant shutdown & startup. Operating guidelines for maintaining OTSG level encl.

ROGERS, L.C. : Babcock & Wilcox Co.  
LAWYER, L.L. : Metropolitan Edison Co.  
DATE ISS: 78/02/01, 3pp. , 48X:19503-083, ODI:GPU 2034 , TN:GB03 IRRELEVANT

8307120899 Forwards LER 78-008/01T-0.

HERBEIN, J.G. : Metropolitan Edison Co.  
GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS: 78/02/16, 1p. , 48X:19513-316, ODI:GPU 2036 , TN:GB03 IRRELEVANT

8307120915 Discusses Part rept re potential for loss of ground within NI/RPS detection. Corrective actions described in encl, "177 FA Plants Nuclear Instrumentation/Reactor Protection Sys Ground Problem Discussion & Recommended Test Scheme."

JANIS, J.T. : Babcock & Wilcox Co.  
POTTS, W.E. : Metropolitan Edison Co.  
DATE ISS: 78/03/07, 22pp. , 48X:19503-094, ODI:GPU 2037 , TN:GB03 IRRELEVANT

8307120923 Forwards "Current Events - Power Reactors, Sept-Oct 1977," for review for test program & design mod requirements for Unit 2. Review indicates no action required.

TOOLE, R.J. : General Public Utilities - GPU Service Corp.  
HEWARD, R.W. : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/01/15, 2pp. , 48X:19503-117, ODI:GPU 2043 , TN:GB03 3.2

8307120948 Time vs pressure graph of reactor trip & cooldown on 720423.

\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/04/23, 1p. , 48X:19503-184, ODI:GPU 2053 , TN:GB03 3.2

8307120950 "TMI-1/Oyster Creek O&M Cost Comparison." EEI nuclear plant staffing survey Jan 1978 encl.

ARNOLD, R.C. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/03/27, 3pp. , 48X:19503-185, ODI:GPU 2056 , TN:GB03 IRRELEVANT

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8307120952 Operator License OP-3614 for WH Zewe at DPR-50.

COLLINS, P.F. :Atomic Energy Commission, Directorate of Licensing  
:;  
DATE ISS:74/08/08, 2pp. ,48X:19503-188,ODI:GPU 2060 ,TN:GB03 IRRELEVANT

8307110320 Graphs re pressurizer levels, reactor coolant pressure &  
steam generator A operating level.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/07/09, 6pp. ,48X:19483-301,ODI:GPU 2068 ,TN:GB03 3.1

8307080017 Transcript of President's Commission on Accident at TMI  
third meeting on 790530 in Washington, DC. Pp 1-210. W/o  
Pd 5-112.

\* :President's Commission on the Accident at Three Mile Island  
:;  
DATE ISS:79/05/30, 103pp. ,48X:19338-209,ODI:GPU 2069 ,TN:GB03 3.1

8307110323 Discusses 771019 incident re water in instrument air lines  
at condensate polisher control panel & regeneration skid  
resulting in loss of feedwater condition. Cause not  
determined. Corrective actions to prevent recurrence listed.

\* :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:77/11/14, 4pp. ,48X:19483-307,ODI:GPU 2070 ,TN:GB03 IRRELEVANT

8307110349 "TMI-2 Annotated Sequence of Events, 790328."

VAN WITBECK, T. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:81/02/06, 152pp. ,48X:19483-340,ODI:GPU 2079 ,TN:GB03 3.1

8307110353 IE Investigative Rept 50-320/79-10 on 790328.

\* :Office of Inspection & Enforcement, Office of the Director  
:;  
DATE ISS:79/08/31, 125pp. ,48X:19483-169,ODI:GPU 2080 ,TN:GB03 3.1

U. S. NUCLEAR REGULATORY COMMISSION  
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8307110795 Revised "Analysis of TMI-Unit 2 Accident."

\* :Electric Power Research Institute  
: |  
DATE ISS:80/03/31, 59pp. ,48X:19463-151,ODI:GPU 2081 ,TN:GB03 3.1

8307110796 "TMI Rept to Commissioners & Public," Vol 2,Part 2.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:83/07/11, 58pp. ,48X:19463-210,ODI:GPU 2082 ,TN:GB03 3.1

8307120001 "Control Room Computer Alarm for 790328-29."

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/03/28, 128pp. ,48X:19463-269,ODI:GPU 2084 ,TN:GB03 3.1

8307110804 Rev 0 to "No-Name Outside Lists,Unit 2."

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/02/01, 7pp. ,48X:19464-045,ODI:GPU 2087 ,TN:GB03 IRRELEVANT

8307110803 Rev 1A to "No-Name Outside Lists,Unit 2."

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/02/12, 8pp. ,48X:19464-052,ODI:GPU 2088 ,TN:GB03 IRRELEVANT

8307110802 Rev 2 to "No-Name Outside Lists,Unit 2."

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/02/06, 9pp. ,48X:19464-060,ODI:GPU 2089 ,TN:GB03 IRRELEVANT



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8307110801 Rev 5 to "No-Name Outage Lists, Unit 2."

\*                   :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/05/14, 10pp. ,48X:19464-068,ODI:GPU 2090 ,TN:GB03 IRRELEVANT

8307110800 "Calculations of Radiation Leak Measurements, Core Burnup,  
Tests & Special Operations," for 790115-27.

\*                   :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/01/15, 14pp. ,48X:19464-079,ODI:GPU 2091 ,TN:GB03 IRRELEVANT

8307110799 Rev 1 to "Atmosphere Dump Bellows Outage, Unit 2."

\*                   :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/01/18, 30pp. ,48X:19464-093,ODI:GPU 2092 ,TN:GB03 IRRELEVANT

8307120875 "Discharge Line Temp for 781201 - 790115."

\*                   :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/01/15, 3pp. ,48X:19499-314,ODI:GPU 2095 ,TN:GB03 IRRELEVANT

8307120881 "Discharge Line Temp for 790131-0327."

\*                   :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/03/27, 2pp. ,48X:19499-317,ODI:GPU 2096 ,TN:GB03 IRRELEVANT

8307080355 Forwards IE Insp. Repts 50-289/79-08 & 50-320/79-07 on  
790319-23 & 26. No noncompliance noted.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS:79/04/20, 2pp. ,48X:19339-142,ODI:GPU 2108 ,TN:GB03 IRRELEVANT

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8307080372 "Investigation of TMI-2 Pressurizer PORV Discharge Pipe  
Tempe."

SHELL, J.P. : General Public Utilities - GPU Service Corp.

DATE ISS: 80/02/28, 52pp. ,48X:19339-154,ODI:GPU 2109 ,TN:GB03

IRRELEVANT

8307120922 Forwards LER 78-069/99X-0.

KUNDER, G. : Metropolitan Edison Co.

TROFFER, G.J. : NRC - No Detailed Affiliation Given

DATE ISS: 79/12/31, 1p. ,48X:19500-177,ODI:GPU 2159 ,TN:GB03

3.2

8307120932 LER 78-065/99X-0: on 781107, reduction in feedwater flow led  
to reactor trip & subsequent safety injection actuation.  
Caused by reduction in feedwater flow during physics testing  
testing, which required operating at elevated leve.

STAIR, J.R. : Metropolitan Edison Co,

: Region 1, Philadelphia, Office of the Director

DATE ISS: 79/01/30, 3pp. ,48X:19500-182,ODI:GPU 2160 ,TN:GB03

3.2

8307120934 Transcript of 790423 TMI-2 investigation interview W/E  
Frederick. Pp 1-101.

FREDERICK, E. : General Public Utilities - GPU Service Corp.

DATE ISS: 79/06/28, 102pp. ,48X:19500-185,ODI:GPU 2161 ,TN:GB03

3.1

8307050454 Requests that each shift foreman review EP12 02 - 2&2A,  
"Station Blackout" & "Station Blackout W/Loss of Diesel  
Generators," w/shift. Encl ltr re Indian Point Unit 3 770713  
trip forwarded for review & info.

O'HANLON, J.P. : Metropolitan Edison Co.

FLOYD, J.R. : Metropolitan Edison Co.

DATE ISS: 77/07/22, 5pp. ,48X:19231-040,ODI:GPU 2172 ,TN:GB03

IRRELEVANT

8307050475 Procedure change request for Rev 8 to EP 1202-6, "Loss of  
Reactor Coolant/Reactor Coolant Pressure."

\* : General Public Utilities - GPU Service Corp.

DATE ISS: 79/10/31, 55pp. ,48X:19231-063,ODI:GPU 2175 ,TN:GB03

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307050481 Operational log. Summary of plant operation for 770912-0915.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:77/09/15, 87pp. ,48X:19231-118,ODI:GPU 2176 ,TN:GB03 IRRELEVANT

8307050484 Site Problem Rept 195 re BWNP-20345-1(8-78) which will not open w/plant pressure at 2,275 psi or in manual control in control room.

\* :Babcock & Wilcox Co.

DATE ISS:78/12/12, 3pp. ,48X:19231-205,ODI:GPU 2179 ,TN:GB03 IRRELEVANT

8307120839 Forwards "ECCS Analysis Unit Activities Rept, Dec 1978."

DUNN, B. :Babcock & Wilcox Co.

WOMACK, E. A. :Babcock & Wilcox Co.

DATE ISS:79/01/02, 3pp. ,48X:19497-019,ODI:GPU 2202 ,TN:GB03 IRRELEVANT

8307050504 Summary of 790515 telcon w/Z Rogztochy re stuck open PORV w/pumps running & no auxiliary feed. No core uncover will take place even if reactor pumps trip at most unfavorable time.

DUNN, B. M. :Babcock & Wilcox Co.

KANE, E. R. :Babcock & Wilcox Co.

DATE ISS:79/05/29, 2pp. ,48X:19231-293,ODI:GPU 2203 ,TN:GB03 IRRELEVANT

8307050508 Vol II Part 2 "TMI: Rept to Commissioners & to Public."

ROGOVIN, M. :NRC Three Mile Island Task Force

DATE ISS:79/12/31, 59pp. ,48X:19231-295,ODI:GPU 2204 ,TN:GB03 3.1

8307050509 "Analysis of TMI-Unit 2 Accident."

\* :Nuclear Safety Analysis Center

DATE ISS:80/03/31, 59pp. ,48X:19231-354,ODI:GPU 2205 ,TN:GB03 3.1

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8307020254 "Analysis of TMI-2 Accident W/Continuous Operation of  
Reactor Coolant Pumps."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/12/31, 22pp. ,48X:19222-023,ODI:GPU 2213 ,TN:GB03 IRRELEVANT

8307020256 Requests that B&W 77-1125999-01 describing ECCS analysis  
performed as part of EFW upgrade program be forwarded to  
customers as committed.

VANSCOOPER,W.E.:Babcock & Wilcox Co.  
BEALE,G.O. :Babcock & Wilcox Co.  
DATE ISS:81/07/17, 1p. ,48X:19222-045,ODI:GPU 2216 ,TN:GB03 IRRELEVANT

8307020258 Submits evaluation of reduced steam generator level.

ANDERSON,G.E. :Babcock & Wilcox Co.  
SCOOTER,W.E. :Babcock & Wilcox Co.  
DATE ISS:81/01/15, 4pp. ,48X:19222-046,ODI:GPU 2217 ,TN:GB03 IRRELEVANT

8307120894 "Analysis of RCS Markup During TMI-2 Event."

\* :EDS Nuclear, Inc.  
: :  
DATE ISS:82/12/29, 90pp. ,48X:19497-126,ODI:GPU 2223 ,TN:GB03 3.1

8307130409 Operational log.Summary for 790201.

SMITH,B.G. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/02/01, 4pp. ,48X:19497-216,ODI:GPU 2230 ,TN:GB03 IRRELEVANT

8307130010 Operational log.Summary for 790202.

SMITH,B.G. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/02/02, 4pp. ,48X:19497-220,ODI:GPU 2231 ,TN:GB03 IRRELEVANT

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8307050265 Site Problem Rept 195 re electromatic relief valve.

\* :Babcock & Wilcox Co.  
: |  
DATE ISS:78/12/12, 3pp. ,48X:19226-123,ODI:GPU 2236 ,TN:GB03 IRRELEVANT

8307130044 Operational log.Summary for 780420-22. °

MILLER,G.P. :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:78/04/22, 3pp. ,48X:19497-233,ODI:GPU 2237 ,TN:GB03 IRRELEVANT

8307050269 Record of plant operation.

MILLER,G.P. :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:78/03/28, 4pp. ,48X:19222-075,ODI:GPU 2238 ,TN:GB03 IRRELEVANT

8307130058 Provides preliminary evaluation of Unit 2 780423 rapid  
cooldown transient.Continued operation of reactor coolant  
pumps recommended.

WANDLING,G.K. :Babcock & Wilcox Co.  
ROGERS,L.C. :Babcock & Wilcox Co.  
DATE ISS:78/05/08, 9pp. ,48X:19497-240,ODI:GPU 2263 ,TN:GB03 3.2

8307110746 Restoration of auxiliary feedwater initialized to t=0.

\* :Metropolitan Edison Co.  
: |  
DATE ISS:79/03/28, 1p. ,48X:19482-186,ODI:GPU 2324 ,TN:GB03 3.2

8307080043 Graph of temp average for reactor trips in which automatic  
HPI occurred w/Davis Besse-1 770924 event.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:78/12/02, 1p. ,48X:19360-093,ODI:GPU 2327 ,TN:GB03 3.2

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- 8307080093 Forwards addl info to AO-287/75-7 re excessive RCS cooldown rate transmitted on 750627. Corrective actions to prevent recurrence; shutdown procedure revised to include change to prevent decreasing load demand below 120 MWE.  
PARKER, W.O. : Duke Power Co.  
MOSELY, N.C. : Region 2, Atlanta, Office of the Director  
DATE ISS: 75/08/08, 3pp. , 48X: 19360-098, ODI: GPU 2332 , TN: GB03 3.2
- 8307080110 "Summary of Operating Problems W/Pressurizer Electromatic Relief Valves."  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 83/07/07, 4pp. , 48X: 19361-093, ODI: GPU 2343 , TN: GB03 3.2
- 8307120599 Forwards summaries of nine incidents involving PORV malfunctions. Investigation re PORV state upon loss of power underway.  
SPANGLER, W.H. : Babcock & Wilcox Co.  
OLDS, G.M. : Babcock & Wilcox Co.  
DATE ISS: 79/05/21, 11pp. , 48X: 19495-062, ODI: GPU 2344 , TN: GB03 3.2
- 8307080117 Site Problem Rept 107 re electromatic relief valve malfunction. Problem possibly generic to other plants. Caused by corrosion of lever pin, hinge & splenoid bracket resulting in restraint of lever in ported position.  
\* : Babcock & Wilcox Co.  
DATE ISS: 75/11/21, 7pp. , 48X: 19361-097, ODI: GPU 2346 , TN: GB03 3.2
- 8307080124 Partial transcript of JJ Kelly testimony re abnormal transient operational guidelines program. Pp 225-232.  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 83/07/06, 9pp. , 48X: 19361-104, ODI: GPU 2384 , TN: GB03 IRRELEVANT
- 8307080132 Suppls 771101 ltr re input to JECO rept concerning 770924 depressurization event. Evaluation of reactor coolant components encl.  
LAUER, J.A. : Babcock & Wilcox Co.  
DOMECK, C.R. : Toledo Edison Co.  
DATE ISS: 77/11/07, 3pp. , 48X: 19361-113, ODI: GPU 2400 , TN: GB03 3.2

U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307080141 Recommends action to be taken on Contract 3-13 to prevent excessive cooldown that plant experienced during loss of station power. SPR-158, natural circulation level setpoint should be reduced to 50% on operate range.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
PITTMAN, R.L. :Babcock & Wilcox Co.  
DATE ISS:74/02/07, 2pp. ,48X:19361-131, ODI:GPU 2404 ,TN:GB03 IRRELEVANT
- 8307080195 Discusses 731229-740104 weekly rept re hot functional testing.  
PHINNEY, J.D. :Babcock & Wilcox Co.  
BEACH, R.R. :Babcock & Wilcox Co.  
DATE ISS:74/01/04, 3pp. ,48X:19361-148, ODI:GPU 2411 ,TN:GB03 IRRELEVANT
- 8307080200 Responds to 771006 telcon requesting more info re basis for vendor conclusions on 770924 depressurization event.  
LAZAR, A.H. :Babcock & Wilcox Co.  
DOMECK, C. :Toledo Edison Co.  
DATE ISS:77/10/07, 2pp. ,48X:19361-151, ODI:GPU 2412 ,TN:GB03 3.2
- 8307080231 Requests info as to any similar events at B&W plants previous to Davis-Besse event re loss of pressurizer level.  
FOSTER, J.Z. : Region 3, Chicago, Office of the Director  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/01/31, 2pp. ,48X:19361-159, ODI:GPU 2417 ,TN:GB03 3.2
- 8307080239 Requests evaluation of fuel performance re Davis-Besse 770924 depressurization event.  
MEYER, G.A. :Babcock & Wilcox Co.  
LAUER, J.A. :Babcock & Wilcox Co.  
DATE ISS:77/10/05, 2pp. ,48X:19361-161, ODI:GPU 2418 ,TN:GB03 3.2
- 8307080271 Expresses appreciation for outstanding job in conduct of review re efforts, findings & recommendations concerning mat review of preliminary safety concerns procedure.  
ROY, D.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/12/14, 12pp. ,48X:19361-168, ODI:GPU 2421 ,TN:GB03 IRRELEVANT

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8307080323 Requests Safety Analysis be alerted to site operational problems & participate in resolution.

ROY, D.H. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:78/05/16, 4pp. ,48X:19361-239,ODI:GPU 2432 ,TN:GB03 IRRELEVANT

8307080373 Understands that small group of key designers will be put together to review SMUD rapid cooldown transient. Group will determine what could be done in B&W NSS/plant design to reduce likelihood of recurrence.

WOMACK, E.A. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:78/08/21, 1p. ,48X:19361-258,ODI:GPU 2439 ,TN:GB03 3.2

8307080408 Summary of 790515 telcon w/Z Rosztoczy re request for addl info on expected results of stuck open PORV, small break w/loss of auxiliary feedwater & reactor coolant pumps running.

DUNN, B.M. :Babcock & Wilcox Co.  
KANE, E.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/29, 2pp. ,48X:19361-269,ODI:GPU 2445 ,TN:GB03 IRRELEVANT

8307080498 Submits recommendations for RCS lo-lo pressure alarm & electromagnetic relief valve reset pressure, per high pressure injection setpoint.

ROGERS, L.C. :Babcock & Wilcox Co.  
TOOLE, R.J. :Metropolitan Edison Co.  
DATE ISS:78/09/29, 2pp. ,48X:19361-341,ODI:GPU 2459 ,TN:GB03 IRRELEVANT

8307080685 Summary of 790214 meeting w/NRC, Toledo Edison, Met Ed, SMUD, & Arkansas Power & Light in Lynchburg, VA re loss of pressurizer level indication at Davis Besse Unit 1. Ltrs from utils re loss of pressurizer level indication encl.

WILLSE, J.T. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/03/09, 8pp. ,48X:19491-047,ODI:GPU 2504 ,TN:GB03 3.2

8307080694 Forwards B&W input to rept to NRC concerning 770924 depressurization event at Davis Besse. Input includes description of event, evaluation of reactor coolant components & evaluation of fuel.

LAZAR, A.H. :Babcock & Wilcox Co.  
DORECK, C.R. :Toledo Edison Co.  
DATE ISS:77/11/01, 31pp. ,48X:19491-055,ODI:GPU 2507 ,TN:GB03 3.2



U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307080715 RO B-350: on 750613, during maint shutdown, RCS pressure spike occurred, opening power actuated pressure relief valve 3RC66. Valve stuck in open position. Caused by heat expansion & boron buildup. Valve will be removed, repaired & replaced.  
CURTIS, T. ; Duke Power Co.  
DATE ISS: 75/06/13, 30pp. , 48X: 19491-114, ODI: GPU 2511 , TN: GB03 3.2
- 8307080721 Forwards site problem rept re electromatic relief valve malfunction resulting from corrosion of lever pin & lever hinge. Customers should be advised to inspect periodically for corrosion & valve motion during shutdown.  
WANDLING, G.K. ; Babcock & Wilcox Co.  
ROGERS, L.C. ; Babcock & Wilcox Co.  
DATE ISS: 75/07/15, 2pp. , 48X: 19491-144, ODI: GPU 2512 , TN: GB03 3.2
- 8307080728 RO: on 731104, during heatup, electromatic relief valve RC-66 (RC-RV3) failed to close properly. Pilot valve will be disassembled for insp.  
MCCONNELL, R.J. ; Babcock & Wilcox Co.  
DATE ISS: 73/12/11, 9pp. , 48X: 19491-151, ODI: GPU 2513 , TN: GB03 3.2
- 8307120629 Discusses mat policy on detailed incident rept for every significant incident affecting B&W plant. Practice of complete follow through on every incident should be established.  
TAYLOR, J.H. ; Babcock & Wilcox Co.  
DEDDENS, J.C. ; Babcock & Wilcox Co.  
DATE ISS: 78/04/14, 2pp. , 48X: 19495-155, ODI: GPU 2600 , TN: GB03 IRRELEVANT
- 8307120633 Forwards C=E program for plant incident evaluations, in response to 780414 ltr. Meeting requested to discuss implementation of 780414 recommendation.  
FAHLAND, F.R. ; Babcock & Wilcox Co.  
TAYLOR, J.H. ; Babcock & Wilcox Co.  
DATE ISS: 78/04/19, 2pp. , 48X: 19495-157, ODI: GPU 2601 , TN: GB03 IRRELEVANT
- 8307080780 Pressurizer level top/RCS pressure bottom for 770907-08.  
\* ; General Public Utilities - GPU Service Corp.  
DATE ISS: 77/09/08, 11pp. , 48X: 19491-244, ODI: GPU 2610 , TN: GB03 3.2

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8307080781 Operational log. Summary of startup shift test engineer log book for 770907-09.

ULRICH, J.C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 77/09/09, 8pp. , 48X: 19491-255, ODI: GPU 2611 , TN: GB03 3.2

8307080783 Operational log. Summary of relief valve testing for 770907-09.

ULRICH, J.C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 77/09/09, 9pp. , 48X: 19491-263, ODI: GPU 2613 , TN: GB03 IRRELEVANT

8307080784 RCS pressure graphs for 770906-07.

\* : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 77/09/07, 10pp. , 48X: 19491-272, ODI: GPU 2614 , TN: GB03 3.2

8307080786 RCS pressure graphs for 770906-09.

\* : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 77/09/09, 7pp. , 48X: 19491-282, ODI: GPU 2615 , TN: GB03 3.2

8307080787 RCS pressure graphs for 770906.

\* : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 77/09/06, 4pp. , 48X: 19491-289, ODI: GPU 2616 , TN: GB03 3.2

8307120643 "Evaluation of Transient Behavior & Small RCS Breaks in 177 Fuel Assembly Plant, Vol II, App 1: Natural Circulation in B&W Operating Plants."

BAILEY, H.A. : Babcock & Wilcox Co.  
: :  
DATE ISS: 79/05/07, 4pp. , 48X: 19495-176, ODI: GPU 2617 , TN: GB03 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080789 Discusses potential effect of loop seals in pressurizer surge line.

\* ;General Public Utilities - GPU Service Corp.  
NELSON, B.D. ;General Public Utilities - GPU Service Corp.  
DATE ISS:78/01/10, 5pp. ,48X:19491-293,ODI:GPU 2618 ,TN:GB03

IRRELEVANT

8307120654 Diagram of initial conditions at t=0, for loops A & B on 790328. Sys steady at 97% power & main feedwater flow tripped at t.

\* ;General Public Utilities - GPU Service Corp.  
; ;  
DATE ISS:79/03/28, 2pp. ,48X:19504-354,ODI:GPU 3100 ,TN:GB03

3.1

8307120675 Diagram of steam generator loops A & B at t=1 minute 45 s on 790328. PORV stuck open, both steam generators dry & 1700 psia due to post scram coolant shrink.

\* ;General Public Utilities - GPU Service Corp.  
; ;  
DATE ISS:83/07/12, 1p. ,48X:19504-261,ODI:GPU 3101 ,TN:GB03

3.1

8307120680 Diagram of steam generator loops A & B at t=8 minute 18 s on 790328. Primary sys nearly liquid solid, liquid expanding w/increasing temps, auxiliary feedwater block valves opened & pressure decreased to 1500 psia.

\* ;General Public Utilities - GPU Service Corp.  
; ;  
DATE ISS:83/07/12, 1p. ,48X:19504-262,ODI:GPU 3102 ,TN:GB03

3.1

8307120685 Diagram of steam generator loops A & B at t=20 minute. Primary sys cooling down via steam generators, primary sys voids increasing & pressure at 1100 psia.

\* ;General Public Utilities - GPU Service Corp.  
; ;  
DATE ISS:83/07/12, 1p. ,48X:19504-263,ODI:GPU 3103 ,TN:GB03

3.1

8307120689 Diagram of steam generator loops A & B at t=90 minute. Loop A pumps operating, loop B stagnant after shutdown of pumps, primary sys voids increasing & pressure at 1050 psia.

\* ;General Public Utilities - GPU Service Corp.  
; ;  
DATE ISS:83/07/12, 1p. ,48X:19504-264,ODI:GPU 3104 ,TN:GB03

3.1

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- 8307120693 Diagram of steam generator loops A & B at t=100 minute on 830328. Loop A pumps off, steam generator A secondary level increasing, pressurizer surge line flooded & pressure at 920 psia.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/12, 1p. ,48X:19504-265,ODI:GPU 3105 ,TN:GB03 3.1
- 8307120701 Diagram of steam generator loops A & B at t=125 minute on 790328. All pumps off, reactor core drying out & heating up, superheated steam formed in core & pressure at 750 psia.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/12, 1p. ,48X:19504-266,ODI:GPU 3106 ,TN:GB03 3.1
- 8307120708 Diagram of steam generator loops A & B at t=139 minute on 790328. PORV block valve closed, core dryout & heatup continuing & pressure at 750 psia.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/12, 1p. ,48X:19504-267,ODI:GPU 3107 ,TN:GB03 3.1
- 8307120715 Diagram of steam generator loops A & B at t=150 minute on 790328. Primary pressure increased to 820 psia, core dryout & heatup continuing, clad ballooning & rupture & hydrogen generation by zirconium/water reaction begins.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/12, 1p. ,48X:19504-268,ODI:GPU 3108 ,TN:GB03 3.1
- 8307120720 Diagram of steam generator loops A & B at t=180 minute on 790328. Fuel embrittled, core partially quenched by fluid subsequent to Loop B pump start & pressure increased to 2,050 psia.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/13, 1p. ,48X:19504-269,ODI:GPU 3109 ,TN:GB03 3.1
- 8307120887 Comparative graphs in terms of avg temp, pressurizer level & RCS pressure for 770924 & 790328 events at Davis-Besse 1 & TMI-2, respectively.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/12, 1p. ,48X:19512-047,ODI:GPU 3161 ,TN:GB03 3.1

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8307050331 Transcript of 790406 interview w/Zewe.Pp 14.

ZEW E                   :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/04/06, 1p. ,48X:19232-051,ODI:GPU 6000 AA ,TN:GB03 3.1

8307120902 Excerpt from 790406 taped interview w/B Zewe by  
investigation team re perspective of time for emergency  
feed actuation.

\*                   :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/04/06, 1p. ,48X:19512-049,ODI:GPU 6000 BB ,TN:GB03 3.1

8307050334 Transcript of 790406 interview.Pp 14-15.

\*                   :General Public Utilities - GPU Service Corp.  
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DATE ISS:79/04/06, 3pp. ,48X:19232-052,ODI:GPU 6000 CC ,TN:GB03 3.1

8307050339 Transcript of 790406 interview w/B Zewe.P 25.

ZEW E,B.               :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/04/06, 1p. ,48X:19232-055,ODI:GPU 6000 DD ,TN:GB03 3.1

8307050343 Transcript of Zewe 790824-25 testimony.

\*                   :General Public Utilities - GPU Service Corp.  
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DATE ISS:79/08/24, 2pp. ,48X:19232-056,ODI:GPU 6001 AA ,TN:GB03 3.1

8307050346 Transcript of Zewe 790824-25 testimony.P 19.

ZEW E                   :General Public Utilities - GPU Service Corp.  
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DATE ISS:79/08/24, 2pp. ,48X:19232-058,ODI:GPU 6001 BB ,TN:GB03 3.1

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8307050348 Transcript of Zewe 790824-25 testimony.P 17.

ZEW E                   :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/08/24,   2pp.   ,48X:19232-060,ODI:GPU 6001 CC   ,TN:GB03   3.1

8307050353 Transcript of Zewe 790824-25 testimony.P 18.

ZEW E                   :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/08/24,   2pp.   ,48X:19232-062,ODI:GPU 6001 DD   ,TN:GB03   3.1

8307050363 Transcript of 230th ACRS general meeting on 790615 in  
Washington,DC.P 325.

\*                   :ACRS - Advisory Committee on Reactor Safeguards  
:                   :  
DATE ISS:79/06/15,   3pp.   ,48X:19232-064,ODI:GPU 6002   ,TN:GB03   3.1

8307120906 Excerpt from IE 790424 interview w/Zewe re identification  
of possible LOCA.Page 24.

ZEW E,W.               :Director's Office, Office of Inspection and Enforcement  
:                   :  
DATE ISS:79/04/24,   2pp.   ,48X:19512-054,ODI:GPU 6005AA   ,TN:GB03   3.1

8307120907 Excerpt from TMI staff 790330 interview w/Zewe re previous  
turbine reactor trips.Page 27.

ZEW E,W.               :General Public Utilities - GPU Service Corp.  
:                   :  
DATE ISS:79/03/30,   5pp.   ,48X:19512-056,ODI:GPU 6006AA   ,TN:GB03   3.1

8307050370 Transcript of 790423 interview w/Hunter & Zewe.P 11.

\*                   :Office of Inspection & Enforcement, Office of the Director  
:                   :  
DATE ISS:79/04/23,   1p.   ,48X:19232-069,ODI:GPU 6007 AA   ,TN:GB03   3.1

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8307050404 Transcript of BM Dunn 791004 deposition. Pp 22,26,7,11,17-18,  
21 & 23-87.

DUNN, B.M. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/10/04, 54pp. ,48X:19232-131, ODI: GPU 6020 , TN: GB03 3.2

8307050419 Transcript of BM Dunn 790702 deposition. Pp 104-105, 157,  
164-167, 169, 171-172, 175-176, 179-182, 199, 203-206, 208-212 &  
219-220.

DUNN, B.M. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/07/02, 30pp. ,48X:19232-214, ODI: GPU 6022 , TN: GB03 3.2

8307050436 Transcript of FR Faist 791019 deposition. Pp 7-30, 34 & 38-39.

FAIST, F.R. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/10/19, 28pp. ,48X:19232-286, ODI: GPU 6026 , TN: GB03 3.2

8307050444 Transcript of DF Hallman 791004 deposition. Pp 5-31, 34-35,  
37-54 & 56-68.

HALLMAN, D.F. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/10/04, 62pp. ,48X:19232-315, ODI: GPU 6027 , TN: GB03 3.2

8307050476 Transcript of JJ Kelly 790707 deposition. Pp 6, 9-11, 13-15,  
21-22, 25-29, 34-41 & 44.

KELLY, J.J. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/07/07, 25pp. ,48X:19233-145, ODI: GPU 6033 , TN: GB03 3.2

8307070127 Partial deposition of LC Rogers on 790629.

ROGERS, L.C. : Babcock & Wilcox Co.  
: :  
DATE ISS: 79/06/29, 29pp. ,48X:19355-335, ODI: GPU 6039 , TN: GB03 3.2

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8307070165 Partial deposition of JF Walters on 790706.

WALTERS, J.F. : Babcock & Wilcox Co.  
DATE ISS: 79/07/06, 17pp. , 48X: 19357-027, ODI: GPU 6047 , TN: GB03 IRRELEVANT

8307070171 Partial deposition of EG Ward on 791017.

WARD, E.G. : Babcock & Wilcox Co.  
DATE ISS: 79/10/17, 12pp. , 48X: 19357-045, ODI: GPU 6049 , TN: GB03 IRRELEVANT

8307070185 Partial deposition of EA Womack on 790630.

WOMACK, E.A. : Babcock & Wilcox Co.  
DATE ISS: 79/06/30, 30pp. , 48X: 19357-116, ODI: GPU 6054 , TN: GB03 IRRELEVANT

OUT OF SEQUENCE EXHIBITS

8307050366 Transcript of Zewe 790919 testimony.

ZEW, : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/09/19, 2pp. , 48X: 19232-067, ODI: GPU 6003 AA , TN: GB03 3.1

8307120911 Deposition of JD Agar on 820422 in New York, NY. Pp 1-121.

AGAR, J. D. : Babcock & Wilcox Co.  
DATE ISS: 82/04/22, 122pp. , 48X: 19512-066, ODI: GPU 6010 , TN: GB03 3.2

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CATEGORY 4  
TRIAL TESTIMONY

U. S. NUCLEAR REGULATORY COMMISSION  
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8306290419 Transcript of 821101 trial between util & B&W in  
New York, NY. Pd 1-189.

\* ;U.S. District Court, Southern District of New York  
;  
DATE ISS:82/11/01, 189pp. ,48X:19022-001,ODI: ,TN:GB04 4.1, 4.2, 4.3, 4.4

8307260284 Testimony of RC Arnold on 821115 in New York, NY. Pd 1,455-  
1,534.

ARNOLD, R.C. ;General Public Utilities - GPU Service Corp.  
;  
DATE ISS:82/11/15, 80pp. ,48X:19726-137,ODI: ,TN:GB04 4.1, 4.2, 4.3, 4.4, 4.5

8306290445 Testimony of RC Arnold on 821116 in New York, NY. Pd  
1,535-1,1715.

ARNOLD, R.C. ;General Public Utilities - GPU Service Corp.  
;  
DATE ISS:82/11/16, 180pp. ,48X:19026-089,ODI: ,TN:GB04 4.1, 4.2, 4.3, 4.4

8306290439 Testimony of RC Arnold on 821117 in New York, NY. Pd 1,716-  
1,792.

ARNOLD, R.C. ;General Public Utilities - GPU Service Corp.  
;  
DATE ISS:82/11/17, 77pp. ,48X:19026-270,ODI: ,TN:GB04 4.1, 4.2, 4.3, 4.4

8307260383 Testimony of J Chwastvk on 830118 in New York, NY. Pd 6,994-  
7,007.

CHWASTYK, J. ;General Public Utilities - GPU Service Corp.  
;  
DATE ISS:83/01/18, 24pp. ,48X:19041-017,ODI: ,TN:GB04 4.3, 4.5

8306290541 Testimony of ER Frederick on 821208 in New York, NY. Pd 3,560-  
3,733.

FREDERICK, E.R. ;General Public Utilities - GPU Service Corp.  
;  
DATE ISS:82/12/08, 174pp. ,48X:19031-186,ODI: ,TN:GB04 4.4

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8306290557 Testimony of ER Frederick on 821210 in New York, NY. Pp  
3,907-3,989.

FREDERICK, E.R. ;General Public Utilities - GPU Service Corp.

DATE ISS:82/12/10, 83pp. ,48X:19032-173,ODI: ,TN:GB04 4.3, 4.4

8306290560 Testimony of ER Frederick on 821213 in New York, NY. Pp 3,990-  
4085.

FREDERICK, E.R. ;General Public Utilities - GPU Service Corp.

DATE ISS:82/12/13, 97pp. ,48X:19032-257,ODI: ,TN:GB04 4.1, 4.2, 4.4

8306290440 Testimony of DF Hallman on 821115 in New York, NY. Pp 1,338-  
1395.

HALLMAN, D.F. ;Babcock & Wilcox Co.

DATE ISS:82/11/15, 68pp. ,48X:19025-254,ODI: ,TN:GB04 4.4, 4.5

8307260362 Testimony of HW Hartman on 830118 in New York, NY. Pp 7,007-  
7,095.

HARTMAN, H.W. ;Metropolitan Edison Co.

DATE ISS:83/01/18, 89pp. ,48X:19041-030,ODI: ,TN:GB04 4.1, 4.3, 4.4

8307260591 Testimony of R Jones on 821215 in New York, NY. Pp 4,524-  
4,554.

JONES, R. ;Babcock & Wilcox Co.

DATE ISS:82/12/15, 31pp. ,48X:19034-069,ODI: ,TN:GB04 4.1, 4.2, 4.4, 4.5

8306290649 Testimony of R Jones on 821216 in New York, NY. Pp 4,555-4611.

JONES, R. ;Babcock & Wilcox Co.

DATE ISS:82/12/16, 57pp. ,48X:19034-100,ODI: ,TN:GB04 4.1, 4.3, 4.4

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8307260429 Testimony of E Kane on 821214 in New York, NY. Pp 4,370-4,388.

KANE, E. ;Babcock & Wilcox Co.  
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DATE ISS:82/12/14, 19pp. ,48X:19033-276,ODI: ,TN:GB04 4.1, 4.2, 4.4

8306290617 Testimony of E Kane on 821215 in New York, NY. Pp 4,389-4,414.

KANE, E. ;Babcock & Wilcox Co.  
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DATE ISS:82/12/15, 27pp. ,48X:19695-078,ODI: ,TN:GB04 4.1, 4.2, 4.4

8306290591 Testimony of RT Lahey on 821222 in New York, NY. Pp 5,280-5,370.

LAHEY, R.T. ;Rensselaer Polytechnic Inst.  
;:  
DATE ISS:82/12/22, 91pp. ,48X:19036-105,ODI: ,TN:GB04 4.2

8306290637 Testimony of R Sieglitz on 830104 in New York, NY. Pp 5,754-5911.

SIEGLITZ, R. ;General Public Utilities - GPU Service Corp.  
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DATE ISS:83/01/04, 147pp. ,48X:19037-219,ODI: ,TN:GB04 4.3

8307260240 Testimony of WH Zewe on 821117 in New York, NY. Pp 1,792-1,875.

ZEWE, W.H. ;General Public Utilities - GPU Service Corp.  
;:  
DATE ISS:82/11/17, 84pp. ,48X:19026-347,ODI: ,TN:GB04 4.1, 4.2, 4.3

8306290462 Testimony of WH Zewe on 821124 in New York, NY. Pp 2,575-2,680.

ZEWE, W.H. ;General Public Utilities - GPU Service Corp.  
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DATE ISS:82/11/24, 105pp. ,48X:19028-285,ODI: ,TN:GB04 4.1, 4.3, 4.5

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8306290466 Testimony of WH Zewe on 821129 in New York, NY. Pp 2,681-  
2,830.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
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DATE ISS: 82/11/29, 149pp. , 48X: 19029-030, ODI: , TN: GB04 4.3

8306290475 Testimony of WH Zewe on 821130 in New York, NY. Pp 2,831-  
2,923.

ZEWE, W.H. : General Public Utilities - GPU Service Corp.  
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CATEGORY 4  
DEPOSITIONS

U. S. NUCLEAR REGULATORY COMMISSION  
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8307110145 Deposition of RC Arnold on 820629 in New York, NY. Pp 1-287.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/06/29, 289pp. , 48X: 19489-024, ODI: , TN: 0B04 4.1, 4.2, 4.3, 4.4, 4.5

8307120735 Deposition of RC Arnold on 820630 in New York, NY. Pp  
146 & 224-228.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/06/30, 6pp. , 48X: 19495-291, ODI: B&W 4044 , TN: 0B04 4.2, 4.3

8307120726 Continued deposition of RC Arnold on 820701 in New York, NY.  
Pp 288-471.

ARNOLD, R. C. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/07/01, 184pp. , 48X: 19465-070, ODI: , TN: 0B04 4.1, 4.2, 4.3, 4.6

8306290865 Deposition of TG Broughton on 820202 in New York, NY. Pp  
1-154.

BROUGHTON, G. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/02/02, 154pp. , 48X: 19059-140, ODI: , TN: 0B04 4.2, 4.3, 4.4, 4.5

8306290872 Deposition of TG Broughton on 820209 in New York, NY.  
Pp 553-714.

BROUGHTON, T. G. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/02/09, 163pp. , 48X: 19059-293, ODI: , TN: 0B04 4.3, 4.4

8306290838 Deposition of ND Brown on 810608 in New York, N. Y. Pp 1-139.

BROWN, N. D. : Metropolitan Edison Co.  
DATE ISS: 81/06/08, 140pp. , 48X: 19062-234, ODI: , TN: 0B04 4.2



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8306290822 Deposition of MD Brown on 810612 in New York, N. Y. Pp 508-600.

BROWN, N. D. : Metropolitan Edison Co.  
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8306290931 Deposition of R Davis on 820427 in New York, NY. Pp 1-61.

DAVIS, R. : Babcock & Wilcox Co.  
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DATE ISS: 82/04/27, 61pp. , 48X: 19065-072, ODI: , TN: 0B04 4.2, 4.5

8306290709 Deposition of CC Faust on 810818 in New York, NY. Pp 1-127.

FAUST, C. C. : Metropolitan Edison Co.  
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DATE ISS: 81/08/18, 127pp. , 48X: 19072-203, ODI: , TN: 0B04 4.1, 4.2

8306290713 Deposition of CC Faust on 810819 in New York, NY. Pp 129-412.

FAUST, C. C. : Metropolitan Edison Co.  
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DATE ISS: 81/08/19, 283pp. , 48X: 19072-331, ODI: , TN: 0B04 4.3, 4.4

8306290701 Deposition of CC Faust on 810821 in New York, Ny. Pp 413-566.

FAUST, C. C. : Metropolitan Edison Co.  
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DATE ISS: 81/08/21, 153pp. , 48X: 19073-275, ODI: , TN: 0B04 4.1

8306290703 Deposition of CC Faust on 810924 in New York, NY. Pp 569-712.

FAUST, C. C. : Metropolitan Edison Co.  
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8306290705 Deposition of CC Faust on 810925 in 810925. Pp 713-898.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/09/25, 185pp. , 48X: 19074-212, ODI: , TN: GB04 4.3, 4.4

8306290723 Deposition of JR Floyd on 820218 in New York, NY. Pp 1-159.

FLOYD, J. R. : Metropolitan Edison Co.

DATE ISS: 82/02/18, 159pp. , 48X: 19076-082, ODI: , TN: GB04 4.1, 4.2, 4.3, 4.4, 4.5

8306290738 Deposition of JR Floyd on 820430 in New York, NY. Pp 529-626.

FLOYD, J. R. : Metropolitan Edison Co.

DATE ISS: 82/04/30, 97pp. , 48X: 19077-250, ODI: , TN: GB04 4.1, 4.2, 4.5

8306290714 Deposition of ER Frederick on 820504 in New York, NY. Pp 1-128.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/04, 128pp. , 48X: 19077-348, ODI: , TN: GB04 4.1, 4.2, 4.3

8306290706 Deposition of M Haimowitz on 810422 in New York, NY. Pp 1-145.

HAIMOWITZ, M. : General Public Utilities - GPU Service Corp.

DATE ISS: 81/04/22, 146pp. , 48X: 19084-026, ODI: , TN: GB04 4.2

8306290708 Deposition of M Haimowitz on 810423 in New York, NY. Pp 146-239.

HAIMOWITZ, M. : General Public Utilities - GPU Service Corp.

DATE ISS: 81/04/23, 94pp. , 48X: 19084-174, ODI: , TN: GB04 4.2, 4.3, 4.4

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8306290710 Deposition of M Haimowitz on 810424 in New York, NY.  
Pp 240-314.

HAIMOWITZ, M. : General Public Utilities - GPU Service Corp.

DATE ISS: 81/04/24, 75pp. , 48X: 19084-269, ODI: , TN: GB04 4.3, 4.4

8306290712 Deposition of DF Hallman on 820118 in New York, NY. Pp 1-82.

HALLMAN, D. F. : Babcock & Wilcox Co.

DATE ISS: 82/01/18, 82pp. , 48X: 19084-344, ODI: , TN: GB04 4.3, 4.4

8306290716 Deposition of DF Hallman on 820119 in New York, NY. Pp 83-209.

HALLMAN, D. F. : Babcock & Wilcox Co.

DATE ISS: 82/01/19, 128pp. , 48X: 19085-064, ODI: , TN: GB04 4.2, 4.3, 4.4

8306290898 Deposition of RS Harbin on 810707 in New York, NY. Pp 1-146.

HARBIN, R. S. : Metropolitan Edison Co.

DATE ISS: 81/07/07, 146pp. , 48X: 19087-095, ODI: , TN: GB04 4.1, 4.2, 4.3, 4.5

8306290893 Deposition of RS Harbin on 810708 in New York, NY. Pp 147-295.

HARBIN, R. S. : Metropolitan Edison Co.

DATE ISS: 81/07/08, 149pp. , 48X: 19087-241, ODI: , TN: GB04 4.2, 4.3, 4.5

8306290875 Deposition of RS Harbin on 811001 in New York, NY. Pp 484-558.  
Supporting documentation encl.

HARBIN, R. S. : Metropolitan Edison Co.

DATE ISS: 81/10/01, 84pp. , 48X: 19088-215, ODI: , TN: GB04 4.2, 4.3, 4.5

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8306290867 Deposition of HW Hartman on 820716 in Elizabethtown, PA.  
Pp 1-206.

HARTMAN, H. W. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/07/16, 206pp. , 48X: 19088-299, ODI: , TN: GB04 4.1, 4.3, 4.4

8306290873 Deposition of HW Hartman on 820818 in Elizabethtown, PA.  
Pp 207-291.

HARTMAN, H. W. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/08/18, 85pp. , 48X: 19089-142, ODI: , TN: GB04 4.1, 4.3

8306290881 Deposition of JG Herbein on 820630 in New York, N. Y. Pp 1-184.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/30, 187pp. , 48X: 19089-227, ODI: , TN: GB04 4.2, 4.3, 4.4

8306290887 Deposition of JG Herbein on 820701 in New York, N. Y.  
Pp 185-294.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/07/01, 110pp. , 48X: 19090-051, ODI: , TN: GB04 4.1, 4.2

8306290892 Deposition of JG Herbein on 820702 in New York, N. Y.  
Pp 295-395.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/07/02, 124pp. , 48X: 19090-161, ODI: , TN: GB04 4.1, 4.2, 4.3

8306290729 Deposition of TF Illjes on 820810 in New York, NY. Pp 1-156.

ILLJES, T. F. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/08/10, 157pp. , 48X: 19091-092, ODI: , TN: GB04 4.4

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290986 Deposition of RW Keaten on 820106 in New York, NY.  
Pp 202-344.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/01/06, 143pp. , 48X: 19096-030, ODI: , TN: 8B04 4.1, 4.2, 4.3, 4.5

8306290907 Deposition of R Keaten on 820119 in New York, NY. Pp 628-764.  
Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/01/19, 137pp. , 48X: 19097-093, ODI: , TN: 8B04 4.2, 4.3

8306290913 Deposition of R Keaten on 820120 in New York, NY. Pp 765-904.  
Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/01/20, 140pp. , 48X: 19097-230, ODI: , TN: 8B04 4.1, 4.2

8306290918 Deposition of R Keaten on 820121 in New York, NY. Pp 905-  
1,056. Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/01/21, 152pp. , 48X: 19098-009, ODI: , TN: 8B04 4.1, 4.3, 4.4, 4.5

8306290819 Deposition of G Kunder on 820701 in New York, NY. Pp 345-437.

KUNDER, G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/07/01, 94pp. , 48X: 19103-111, ODI: , TN: 8B04 4.3

8306290776 Deposition of D LaBelle on 810602 in New York, NY. Pp 1-128.

LABELLE, D. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/06/02, 128pp. , 48X: 19104-016, ODI: , TN: 8B04 4.4

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290836 Deposition of LC Lanese on B20324 in New York, NY. Pp 1-12B.

LANESE, L. C. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/03/24, 128pp. , 48X: 19125-001, ODI: , TN: 0B04 4.1, 4.2, 4.3, 4.4, 4.5, 4.6

8306290773 Deposition of RL Long on B20518 in New York, NY. Pp 1-176.

LONG, R. L. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/18, 176pp. , 48X: 19696-069, ODI: , TN: 0B04 4.2, 4.3

8306290779 Deposition of RL Long on B20519 in New York, NY. Pp 177-312.

LONG, R. L. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/19, 135pp. , 48X: 19696-264, ODI: , TN: 0B04 4.2, 4.3

8306290787 Deposition of RL Long on B20520 in New York, NY. Pp 313-417.

LONG, R. L. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/20, 104pp. , 48X: 19695-131, ODI: , TN: 0B04 4.3

8306290793 Deposition of RL Long on B20521 in New York, NY. Pp 417A-47B.

LONG, R. L. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/21, 61pp. , 48X: 19695-240, ODI: , TN: 0B04 4.3

8306290825 Deposition of BA Mehler on B1072B in New York, NY. Pp 1-172.

MEHLER, B. A. : Metropolitan Edison Co.

DATE ISS: 81/07/28, 172pp. , 48X: 19131-031, ODI: , TN: 0B04 4.1, 4.2, 4.4

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290799 Deposition of BA Mehler on 810729 in New York, NY. Pp 174-363.

MEHLER, B. A. : Metropolitan Edison Co.  
DATE ISS: 81/07/29, 189pp. , 48X: 19131-205, ODI: , TN: 0804 4.1, 4.3

8306290806 Deposition of BA Mehler on 810730 in New York, NY. Pp 364-679.

MEHLER, B. A. : Metropolitan Edison Co.  
DATE ISS: 81/07/30, 315pp. , 48X: 19132-034, ODI: , TN: 0804 4.1

8307110121 Deposition of BA Mehler on 810731 in New York, NY. Pp 565-679.

MEHLER, B. A. : Metropolitan Edison Co.  
DATE ISS: 81/07/31, 115pp. , 48X: 19488-271, ODI: , TN: 0804 4.1, 4.3

8306290837 Deposition of GP Miller on 820602 in New York, NY. Pp 1-12B.

MILLER, G. P. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/06/02, 129pp. , 48X: 19134-160, ODI: , TN: 0804 4.2, 4.3, 4.4

8306290906 Deposition of GP Miller on 820609 in New York, NY. Pp 601-726.

MILLER, G. P. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/06/09, 126pp. , 48X: 19136-038, ODI: , TN: 0804 4.3

8306290885 Deposition of RC Noll on 820714 in New York, NY. Pp 1-13B.

NOLL, R. C. : Metropolitan Edison Co.  
DATE ISS: 82/07/14, 138pp. , 48X: 19137-310, ODI: , TN: 0804 4.2

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NRC SPECIAL REPORT

8306290856 Deposition of JD Phinney on 820113 in New York, NY. Pp 1-134.

PHINNEY, J. D. : Babcock & Wilcox Co.

DATE ISS: 82/01/13, 134pp. , 48X: 19138-154, ODI: , TN: 0B04 4.2

8306290909 Deposition of WE Potts on 820107 in New York, NY. Pp 1-176.

POTTS, W. E. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/01/07, 176pp. , 48X: 19139-203, ODI: , TN: 0B04 4.2, 4.3

8306290839 Deposition of D Shovlin on 820716 in New York, NY. Pp 1-204.

SHOVLIN, D. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/07/16, 204pp. , 48X: 19148-347, ODI: , TN: 0B04 4.3

8306290820 Deposition of RJ Toole on 810622 in New York, NY.  
Pp 1-279.

TOOLE, R. J. : General Public Utilities - GPU Service Corp.

DATE ISS: 81/06/22, 279pp. , 48X: 19152-065, ODI: , TN: 0B04 4.2

8306290754 Deposition of RL Williams on 820812 in New York, NY.  
Pp 1-98.

WILLIAMS, R. L. : Ebasco Services, Inc. (subs. of Enserch Corp.)

DATE ISS: 82/08/12, 100pp. , 48X: 19160-001, ODI: , TN: 0B04 4.2, 4.3, 4.5

8306290775 Deposition of RW Zechman on 820310 in New York, NY.  
Pp 1-156.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/03/10, 156pp. , 48X: 19163-124, ODI: , TN: 0B04 4.2, 4.5



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NRC SPECIAL REPORT

8306290781 Deposition of RW Zechman on B20311 in New York, NY.  
Pp 157-272.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/03/11, 115pp. , 48X: 19163-280, ODI: , TN: 0B04 4.2, 4.3, 4.5

8306290788 Deposition of RW Zechman on B20312 in New York, NY.  
Pp 273-376.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/03/12, 103pp. , 48X: 19164-033, ODI: , TN: 0B04 4.3, 4.4

8306290794 Deposition of RW Zechman on B20324 in New York, NY.  
Pp 377-523.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/03/24, 146pp. , 48X: 19164-137, ODI: , TN: 0B04 4.1, 4.3, 4.4

8306290801 Deposition of RW Zechman on B20325 in New York, NY.  
Pp 524-640.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/03/25, 116pp. , 48X: 19164-286, ODI: , TN: 0B04 4.1, 4.3, 4.4

8306290749 Deposition of RW Zechman on B20326 in New York, NY. Pp  
642-728.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/03/26, 86pp. , 48X: 19165-042, ODI: , TN: 0B04 4.1, 4.4

8306290753 Deposition of RW Zechman on B20429 in New York, NY. Pp  
729-916.

ZECHMAN, R. W. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/04/29, 187pp. , 48X: 19165-129, ODI: , TN: 0B04 4.3, 4.4

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290761 Deposition of WH Zewe on 820520 in New York, NY. Pp 1-121.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE IBS: 82/05/20, 121pp. , 48X: 19165-318, ODI: , TN: 0804 4.1, 4.2, 4.3, 4.4

000635 RECORDS SCANNED 61 RECORDS PRINTED ( 10 RECORDS, 51 SUPP. )  
ENDING CODE- 186 LAST KEY- ZEWE, W. H. 820528GB07

**CATEGORY 4**

**EXHIBITS**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307010266 Requests formation of TMI-2 accident review task force to address seven specific issues in encl.W/o encl.

ARNOLD,R.C. :General Public Utilities - GPU Service Corp.  
KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/02, 1p. ,48X:19201-192,ODI:B&W 0007 ,TN:GB04 4.4

8307020163 Resume of M Haimowitz.

HAIMOWITZ,M. :General Public Utilities - GPU Service Corp.  
DATE ISS:81/04/22, 1p. ,48X:19270-140,ODI:B&W 0023 ,TN:GB04 4.3

8307020167 Comments on proposed master svcs contract w/B&W.Billing rates,terms of payment,title & risk of loss & warranty objectionable & should be altered in negotiations.

HAIMOWITZ,M. :General Public Utilities - GPU Service Corp.  
BETZ,R.P. :General Public Utilities - GPU Service Corp.  
DATE ISS:77/08/16, 3pp. ,48X:19270-187,ODI:B&W 0025 ,TN:GB04 4.4

8307020169 Notifies that proposed task orders under 770601 master svcs contract will not waive rights of licensees or insurer subrogation rights re svc,goods or equipment furnished by B&W before & after TMI-2 incident.

HULSEBUS,J.L. :General Public Utilities - GPU Service Corp.  
:Babcock & Wilcox Co.  
DATE ISS:79/05/25, 1p. ,48X:19270-190,ODI:B&W 0026 ,TN:GB04 4.4

8307020172 Forwards executed "Master Svcs Contract Between GPU & B&W, Nuclear Power Generation Div,Lynchburg,VA." Authorized task orders will be issued as change notices to purchase order.

HAIMOWITZ,M. :General Public Utilities - GPU Service Corp.  
MUIR,H.S. :Babcock & Wilcox Co.  
DATE ISS:79/10/25, 1p. ,48X:19270-191,ODI:B&W 0027 ,TN:GB04 4.4

8307020177 "Master Svcs Contract Between Met Ed & B&W Nuclear Power Generation Div,Lynchburg,VA."

\* :Metropolitan Edison Co.  
DATE ISS:77/06/01, 26pp. ,48X:19270-252,ODI:B&W 0028 ,TN:GB04 4.4

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

- 8307020180 Summarizes proposed changes to master contract for B&W engineering & technical svcs. Changes similar to revs to be incorporated into contract negotiations w/B&W for nuclear fuel assemblies at TMI-1.  
HAIMOWITZ, M. :General Public Utilities - GPU Service Corp.  
GUERIN, J. E. :General Public Utilities - GPU Service Corp.  
DATE ISS:76/01/19, 2pp. ,48X:19270-307, ODI:B&W 0029 ,TN:GB04 4.4
- 8307020184 Requests review of encl NSSS contract w/B&W to assist in negotiations re B&W request for addl funds for licensing efforts performed prior to Apr 1976 to meet new regulatory requirements. W/o encl.  
HAIMOWITZ, M. :General Public Utilities - GPU Service Corp.  
HEWARD, R. W. :General Public Utilities - GPU Service Corp.  
DATE ISS:77/05/18, 1p. ,48X:19270-337, ODI:B&W 0030 ,TN:GB04 4.4
- 8307020187 Summarizes status of six licensing issues pertinent to delay in fuel load date, in response to 770518 request. Issues discussed include steam line break, ATWS, ECCS small break LOCA, reactor bldg sprav, STS & jet impingement.  
BARTON, J. J. :General Public Utilities - GPU Service Corp.  
HAIMOWITZ, M. :General Public Utilities - GPU Service Corp.  
DATE ISS:77/09/07, 2pp. ,48X:19270-339, ODI:B&W 0031 ,TN:GB04 4.4
- 8307110008 Forwards rept summarizing opinions of more than 30 GPU & Met Ed managers, executives & technical & task force leader personnel re post-TMI-2 accident recovery or investigation assignments.  
GLICKMAN, F. :General Public Utilities - GPU Service Corp.  
DIECKAMP, H. M. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/30, 54pp. ,48X:19476-307, ODI:B&W 0032 ,TN:GB04 4.1, 4.2, 4.3, 4.4, 4.5
- 8307020201 "Generation Group Organizational Study Rept, Vol II."  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:81/05/06, 39pp. ,48X:19272-077, ODI:B&W 0035 ,TN:GB04 4.2, 4.4, 4.5
- 8307020022 Discusses incorporation of Unit 1 & other operating experience into Unit 2 training effort.  
SEELINGER, J. :Metropolitan Edison Co.  
TSAGGARIS, L. :Metropolitan Edison Co.  
DATE ISS:77/04/06, 1p. ,48X:19208-296, ODI:B&W 0072 ,TN:GB04 4.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020025 Advises that min 1 h training program being prepared to cover industry experience, Unit 1 experience & ROs from similar units, per J Seelinger 770406 request.

GOODMAN, D.A. : Metropolitan Edison Co.  
ISAGGARIS, A. : Metropolitan Edison Co.  
DATE ISS: 77/04/12, 1p. , 48X:19208-297, ODI: B&W 0073 , TN: GB04 4.1

8307020027 Discusses dissemination of generic info to licensees by IE bulletins, circulars & info notices.

\* : Metropolitan Edison Co.  
DATE ISS: 81/06/11, 3pp. , 48X:19208-298, ODI: B&W 0075 , TN: GB04 4.4

8307020037 "R Trip/Engineered Safeguards Incident, 780423."

\* : Babcock & Wilcox Co.  
DATE ISS: 81/06/12, 89pp. , 48X:19208-169, ODI: B&W 0079 , TN: GB04 4.1, 4.2, 4.3, 4.4, 4.5

8307020151 Resume of RJ Toole.

\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 81/06/22, 3pp. , 48X:19217-282, ODI: B&W 0151 , TN: GB04 NOT REVIEWED

8307050340 Transcript of Commission 810204 restart hearing in Harrisburg, PA. Pp 11,513-11,717.

\* : Commissioners  
DATE ISS: 81/02/04, 306pp. , 48X:19322-129, ODI: B&W 0179 , TN: GB04 4.2

8307020084 Resume of BA Mehler.

\* : Babcock & Wilcox Co.  
DATE ISS: 79/07/20, 10pp. , 48X:19245-053, ODI: B&W 0235 , TN: GB04 4.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020098 Transcript of 790510 interview w/B Mehler.

MEHLER, B. : General Public Utilities - GPU Service Corp.

DATE ISS: 79/05/10, 45pp. , 48X:19246-004, ODI: B&W 0239 , TN: GB04 4.2

8307020104 Expresses desire that corrective action be completed on listed major equipment problems prior to restart of test program & power operation.

WARD, E.G. : Babcock & Wilcox Co.  
BARTON, J.J. : General Public Utilities - GPU Service Corp.

DATE ISS: 78/05/02, 1p. , 48X:19246-078, ODI: B&W 0243 , TN: GB04 4.2, 4.3, 4.5

8307020108 Forwards summary of LER 78-022/99X on 780329.

\* : General Public Utilities - GPU Service Corp.

GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS: 81/07/30, 10pp. , 48X:19246-057, ODI: B&W 0245 , TN: GB04 4.2, 4.3, 4.4

8307050287 Forwards IE Insp Rept 50-346/78-06 on 771206-08 & 780306-08. Effective presentation of info re transients at other plants suggested to enhance nuclear industry communications.

ARNOLD, R.C. : General Public Utilities - GPU Service Corp.  
KEMERY, J.G. : President's Commission on the Accident at Three Mile Island

DATE ISS: 79/08/30, 5pp. , 48X:19326-018, ODI: B&W 0247 , TN: GB04 4.3

8307050291 Temporary Change Notice 2-79-070 for Procedure 2301-3D1, "RCS Inventory."

\* : General Public Utilities - GPU Service Corp.

DATE ISS: 79/03/11, 5pp. , 48X:19327-073, ODI: B&W 0255 , TN: GB04 4.4

8307050320 Suggests areas in which evaluation of 790423 incident could be more accurate & complete. Concentration suggested in areas of malfunctioning safeties, flow testing of Mu-V-16s & poorly-designed alarm sys.

FREDERICK, E. : General Public Utilities - GPU Service Corp.  
: Babcock & Wilcox Co.

DATE ISS: 78/05/03, 5pp. , 48X:19327-131, ODI: B&W 0264 , TN: GB04 4.1, 4.2, 4.3, 4.4, 4.5

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050526 Preliminary inquiry of TMI incident of 790328.

ZEW, W.H. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/04/03, 50pp. , 48X: 19327-282, ODI: B&W 0271 , TN: GB04 NOT REVIEWED

8307050535 Rev 11 to Emergency Procedure 2202-1.3, "Loss of Reactor  
Coolant/Reactor Coolant Sys Pressure."

WARREN, R.P. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 78/10/06, 26pp. , 48X: 19327-192, ODI: B&W 0272 , TN: GB04 4.4

8307050537 Forwards LER 79-014/01X=0, updating LER 79-014/01L=0.

HOVEY, G.K. : General Public Utilities - GPU Service Corp.  
GRIER, B.H. : Region 1, Philadelphia, Office of the Director (81/03/01)  
DATE ISS: 81/05/11, 2pp. , 48X: 19328-023, ODI: B&W 0275 , TN: GB04 NOT REVIEWED

8307070335 Operational log. Summary of notes for 790720 task force  
meeting re Tasks 1-7.

\* : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/07/20, 11pp. , 48X: 19320-028, ODI: B&W 0339 , TN: GB04 4.4

8307070350 "TMI-2 Loss of Feedwater Flow Leading to Accident of  
790328."

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/09/01, 187pp. , 48X: 19320-186, ODI: B&W 0343 , TN: GB04 4.4, 4.5

8307070385 Draft transcript of investigative task force meeting w/  
operating crew on duty in control room on morning of 790328.

\* : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/01/07, 234pp. , 48X: 19321-015, ODI: B&W 0346 , TN: GB04 4.1, 4.2, 4.3, 4.4, 4.5



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070397 First draft "GPU Task Force Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: 1  
DATE ISS:79/09/28, 56pp. ,48X:19321-250,ODI:B&W 0347 ,TN:GB04 4.1, 4.2, 4.3, 4.4

8308230606 Transcript of TMI Investigative Task Force Taped Interview 7  
(Keaten Tapes) on 790919.Pp 1-63.

\* :General Public Utilities - GPU Service Corp.  
: 1  
DATE ISS:79/09/19, 64pp. ,48X:20126-007,ODI:B&W 0347G ,TN:GB04 4.3

8308230609 Transcript of TMI Investigative Task Force Taped Interview 8  
(Keaten Tapes) on 790919.Pp 1-64.

\* :General Public Utilities - GPU Service Corp.  
: 1  
DATE ISS:79/09/19, 65pp. ,48X:20126-073,ODI:B&W 0347H ,TN:GB04 4.3

8308230612 Transcript of TMI Investigative Task Force Taped Interview 9  
(Keaten Tapes) on 790919.Pp 1-30.

\* :General Public Utilities - GPU Service Corp.  
: 1  
DATE ISS:79/09/19, 31pp. ,48X:20126-138,ODI:B&W 0347I ,TN:GB04 4.3

8308230617 Transcript of TMI Investigative Task Force Taped Interview  
10 (Keaten Tapes) on 790920.Pp 1-64.

\* :General Public Utilities - GPU Service Corp.  
: 1  
DATE ISS:79/09/20, 65pp. ,48X:20126-169,ODI:B&W 0347J ,TN:GB04 4.3

8308230619 Transcript of TMI Investigative Task Force Taped Interview  
11 (Keaten Tapes) on 790920.Pp 1-66.

\* :General Public Utilities - GPU Service Corp.  
: 1  
DATE ISS:79/09/20, 67pp. ,48X:20126-234,ODI:B&W 0347K ,TN:GB04 4.3

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8308230630 Transcript of TMI Investigative Task Force Taped Interview  
14 (Keaten Tapes) on 791018. Po 1-34.

\* ;General Public Utilities - GPU Service Corp.  
; |  
DATE ISS:79/10/18, 35pp. ,48X:20127-024,ODI:B&W 0347N ,TN:GB04 4.3

8307070438 Second draft "GPU Task Force Interim Summary Rept."

KEATEN,R.W. ;General Public Utilities - GPU Service Corp.  
; |  
DATE ISS:79/10/06, 57pp. ,48X:19322-016,ODI:B&W 0349 ,TN:GB04 4.3

8307080673 Forwards "GPU Task Force Interim Summary Rept," third draft  
re TMI-2 accident on 790328.

KEATEN,R.W. ;General Public Utilities - GPU Service Corp.  
;General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48X:19402-181,ODI:B&W 0350 ,TN:GB04 4.3

8307080681 Forwards "GPU Task Force Interim Summary Rept" re findings &  
conclusions to date & presenting preliminary recommendations  
re TMI-2 accident on 790328.

KEATEN,R.W. ;General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. ;General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/29, 1p. ,48X:19402-339,ODI:B&W 0351 ,TN:GB04 4.1, 4.2, 4.3, 4.4

8307080688 "GPU Accident Review Task Force Interim Summary Rept."

KEATEN,R.W. ;General Public Utilities - GPU Service Corp.  
; |  
DATE ISS:79/11/28, 41pp. ,48X:19403-019,ODI:B&W 0352 ,TN:GB04 4.1, 4.2, 4.3, 4.4, 4.5

8307080691 Lists items which must be accomplished to complete GPU/Met  
Ed review of TMI-2 accident & underlying causes.

KEATEN,R.W. ;General Public Utilities - GPU Service Corp.  
;General Public Utilities - GPU Service Corp.  
DATE ISS:79/12/03, 6pp. ,48X:19403-061,ODI:B&W 0353 ,TN:GB04 4.1, 4.2, 4.3, 4.4, 4.5

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080693 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:80/03/24, 41pp. ,48X:19403-068,ODI:B&W 0354 ,TN:GB04 4.1, 4.2, 4.3, 4.4, 4.5

8307080695 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:80/05/12, 50pp. ,48X:19403-112,ODI:B&W 0355 ,TN:GB04 4.1, 4.2, 4.3, 4.4, 4.5

8307080698 "GPU Accident Review Task Force Final Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:80/12/15, 49pp. ,48X:19403-161,ODI:B&W 0356 ,TN:GB04 4.1, 4.2, 4.3, 4.4, 4.5

8307080699 Forwards marked-up task force rept indicating significant differences from interim rept.W/o encl.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/09/02, 1p. ,48X:19404-017,ODI:B&W 0357 ,TN:GB04 4.1

8307120734 Transcript of 790412 interview w/G Miller.Pp 1-58.

\* :Metropolitan Edison Co.  
: ;  
DATE ISS:79/04/12, 58pp. ,48X:19502-230,ODI:B&W 0360 ,TN:GB04 4.1, 4.2, 4.3, 4.4

8307080714 Summary of interview w/B Mehler.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:80/01/29, 1p. ,48X:19405-063,ODI:B&W 0364 ,TN:GB04 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080722 Comments on "Technical Assessment of Operating, Abnormal & Emergency Procedures." Some results consistent w/GPU findings while some are inaccurate, misleading & technically incorrect. Procedures listed incorrect.  
KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP, H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/02, 3pp. ,48X:19405-087,ODI:B&W 0367 ,TN:GB04 NOT REVIEWED

8307080727 Summary of 790813 interview w/RCA.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/13, 1p. ,48X:19405-091,ODI:B&W 0369 ,TN:GB04 NOT REVIEWED

8307080064 Procedure 054 "Analysis of TMI-2 Operator Response."

WALSH, P.S. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/19, 43pp. ,48X:19334-005,ODI:B&W 0377 ,TN:GB04 4.1, 4.2, 4.3, 4.4

8307080079 Resume of WE Potts.

POTTS, W.E. :Metropolitan Edison Co.  
DATE ISS:83/07/07, 1p. ,48X:19334-084,ODI:B&W 0380 ,TN:GB04 4.2

8307080096 Submits personnel changes at TMI. Changes & appointments made in accordance w/Rev 0 to GP 0019.

TROFFER, G.J. :Metropolitan Edison Co.  
DATE ISS:79/01/08, 2pp. ,48X:19334-115,ODI:B&W 0382 ,TN:GB04 4.2, 4.4

8307080125 Forwards rept re 790502 transient which resulted in unexpected low water level in reactor vessel.

FINFROCK, I.R. :Jersey Central Power & Light Co.  
DATE ISS:79/05/12, 2pp. ,48X:19334-132,ODI:B&W 0386 ,TN:GB04 4.4, 4.6

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8307080139 Resume of TG Broughton.

BROUGHTON, T.G. : General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS: 83/07/07, 2pp. , 48X:19453-181, ODI: B&W 0387 , TN: GB04 4.2

8307080227 Forwards first draft "Interim Summary Rept."

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS: 79/09/28, 1p. , 48X:19335-127, ODI: B&W 0400 , TN: GB04 NOT REVIEWED

8307080241 Second draft of GPU Task Force "Interim Summary Rept."

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS: 79/10/06, 66pp. , 48X:19335-190, ODI: B&W 0402 , TN: GB04 NOT REVIEWED

8307080244 Forwards third draft to, "Interim Summary Rept."

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS: 79/10/17, 1p. , 48X:19336-118, ODI: B&W 0403 , TN: GB04 NOT REVIEWED

8307080247 Third draft of "Interim Summary Rept."

\* : General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS: 79/10/17, 73pp. , 48X:19336-119, ODI: B&W 0403 , TN: GB04 NOT REVIEWED

8307080633 "Rept on Primary Safety Valve Leakage."

KUNDER, G.A. : General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS: 74/12/02, 28pp. , 48X:19393-122, ODI: B&W 0422 , TN: GB04 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090272 Job-related training program records for F Scheimann.

\* :Metropolitan Edison Co.

DATE ISS:82/02/23, 3pp. ,48X:19413-090,ODI:B&W 0515 ,TN:GB04 NOT REVIEWED

8307090278 Attendees at 740905,06,1129 & 1203 training programs re  
selected emergency procedures,operational QA,Tech Spec  
review & major operational evaluations.

SEELINGER,J. :Metropolitan Edison Co.

DATE ISS:74/09/06, 5pp. ,48X:19413-093,ODI:B&W 0516 ,TN:GB04 NOT REVIEWED

8307090287 Notices of second progress evaluation exam for cold  
licensing.Matl to be covered in exam listed.

GOODMAN,D. :Metropolitan Edison Co.

NEUMANN,D. :Metropolitan Edison Co.

DATE ISS:77/03/25, 4pp. ,48X:19413-101,ODI:B&W 0518 ,TN:GB04 NOT REVIEWED

8307090289 Operator License OP-4593 for FJ Scheimann at TMI-2.

\* : Assistant Director for Operating Reactors

DATE ISS:77/10/19, 1p. ,48X:19413-189,ODI:B&W 0519 ,TN:GB04 NOT REVIEWED

8307090294 Computerized list of lesson programs dates & employees.

\* :Metropolitan Edison Co.

DATE ISS:78/03/28, 2pp. ,48X:19413-106,ODI:B&W 0520 ,TN:GB04 NOT REVIEWED

8307090304 Senior Operator License OP-3237 for FJ Scheimann at TMI-2.

COLLINS,P.F. : Assistant Director for Operating Reactors

DATE ISS:78/05/03, 1p. ,48X:19413-110,ODI:B&W 0522 ,TN:GB04 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090387 Resume of LC Lanese.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:82/03/24, 2pp. ,48X:19395-306,ODI:B&W 0603 ,TN:GB04 4.2

8307090219 Incomplete resume.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:82/05/18, 1p. ,48X:19399-122,ODI:B&W 0668 ,TN:GB04 NOT REVIEWED

8307090221 Organizational chart for GPU Svc Corp,Generation Div 30.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/04/01, 1p. ,48X:19399-123,ODI:B&W 0669 ,TN:GB04 NOT REVIEWED

8307090234 Organizational chart of GPU Nuclear Assurance Div.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:80/11/10, 2pp. ,48X:19399-124,ODI:B&W 0670 ,TN:GB04 NOT REVIEWED

8307110724 Requests formation of fire member task force to complete investigation of encl seven specific issues re 790328 incident.

ARNOLD,R.C. :General Public Utilities - GPU Service Corp.  
KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/27, 5pp. ,48X:19445-169,ODI:B&W 0694 ,TN:GB04 NOT REVIEWED

8307110728 Summary of 790627 meeting of TMI-2 Accident Review Task Force.

KEATEN,R. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/27, 1p. ,48X:19445-174,ODI:B&W 0695 ,TN:GB04 NOT REVIEWED

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8307110757 "GPU Accident Review Task Force Final Summary Rept."

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/03/24, 43pp. ,48X:19446-346,ODI:B&W 0703 ,TN:GB04

NOT REVIEWED

8307110759 Comments on "Accident Review Task Force Final Summary Rept."

LONG, R.L. :Babcock & Wilcox Co.  
KEATEN, R.W. :Babcock & Wilcox Co.  
DATE ISS:80/04/06, 4pp. ,48X:19447-058,ODI:B&W 0704 ,TN:GB04

NOT REVIEWED

8307110763 Forwards TDR TMI-111, "Analysis of TMI-2 Operator Response,"  
for review. Comments requested by 790625.

BROUGHTON, T.G. :General Public Utilities - GPU Service Corp.  
LONG, R. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/21, 32pp. ,48X:19447-062,ODI:B&W 0705 ,TN:GB04

NOT REVIEWED

8307110769 "Analysis of TMI-2 Operator Response."

WALSH, P.S. :General Public Utilities - GPU Service Corp.  
DATE ISS:82/05/20, 36pp. ,48X:19447-066,ODI:B&W 0706 ,TN:GB04

NOT REVIEWED

8307090353 Forwards response to 791025 notice of violation & notice of  
proposed issuance of civil penalties based on IE  
investigation of 790328 accident.

ARNOLD, R.C. :Metropolitan Edison Co.  
STELLO, V. :Office of Inspection & Enforcement, Office of the Director  
DATE ISS:79/12/05, 97pp. ,48X:19492-019,ODI:B&W 0707 ,TN:GB04

4.1, 4.2, 4.3, 4.4

8307110780 "Development of Technical Support for TMI-2 Accident."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/31, 2pp. ,48X:19447-156,ODI:B&W 0711 ,TN:GB04

NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
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8307090054 Notes on operational aspects of 790328 event.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/07/17, 17pp. ,48X:19450-134,ODI:B&W 0726 ,TN:GB04 NOT REVIEWED

8307090014 "NRC Sequence of Events;Miscellaneous Notes."

\* :Office of Inspection & Enforcement, Office of the Director  
:  
DATE ISS:79/06/22, 2pp. ,48X:19453-022,ODI:B&W 0729 ,TN:GB04 NOT REVIEWED

8307120252 Discusses items & assignment of responsibilities needed to  
address NRC IE investigation draft rept findings.Initial  
response requested by 790822 & final response by 790912.

WALLACE,E.G. :General Public Utilities - GPU Service Corp.  
BEHRLE,W.H. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/06, 3pp. ,48X:19454-130,ODI:B&W 0730 ,TN:GB04 NOT REVIEWED

8307120344 Resume of GP Miller.

MILLER,G.P. :Metropolitan Edison Co.  
:  
DATE ISS:82/06/02, 1p. ,48X:19456-193,ODI:B&W 0762 ,TN:GB04 NOT REVIEWED

8307120346 Discusses inadequacies of Unit 2 procedure writing effort.  
Schedule should be adhered to at better rate than present.

MILLER,G.P. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:75/11/20, 2pp. ,48X:19456-362,ODI:B&W 0763 ,TN:GB04 4.4

8307120353 Discusses need to increase effort on procedure writing &  
review.List of delinquent procedures areas encl.

MILLER,G.P. :Metropolitan Edison Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:76/01/30, 3pp. ,48X:19457-002,ODI:B&W 0764 ,TN:GB04 4.3,4.4

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8307090147 Interview of GP Miller re TMI-2 event on 790328.

MILLER,G.P. :Metropolitan Edison Co.  
:;  
DATE ISS:82/06/11, 31pp. ,48X:19453-148,ODI:B&W 0800 ,TN:GB04 NOT REVIEWED

8307090151 Statement of GP Miller re TMI-2 incident on 790328.

MILLER,G.P. :Metropolitan Edison Co.  
:;  
DATE ISS:79/05/07, 32pp. ,48X:19453-179,ODI:B&W 0801 ,TN:GB04 NOT REVIEWED

8307090159 Discusses preparation of Unit 2 status for 760126 mtg meeting.

MILLER,G.P. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:76/01/26, 6pp. ,48X:19454-023,ODI:B&W 0803 ,TN:GB04 NOT REVIEWED

8307090165 Resume of RC Arnold.

ARNOLD,R.C. :Metropolitan Edison Co.  
:;  
DATE ISS:82/06/29, 2pp. ,48X:19454-058,ODI:B&W 0831 ,TN:GB04 4.2, 4.5

8307130376 Ack receipt of 791205 ltr in response to NRC 791025 ltr transmitting notice of violation & proposed imposition of civil penalties in amount of \$155,000 re inoperability of flow paths to steam generator.

STELLO,V. :Director's Office, Office of Inspection and Enforcement  
ARNOLD,R.C. :Metropolitan Edison Co.  
DATE ISS:80/01/23, 35pp. ,48X:19501-066,ODI:B&W 0833 ,TN:GB04 NOT REVIEWED

8307090170 Comments on 781120 memo re several items concerning 781107 event for consideration.No addl actions identified prior to resumption of power.

ARNOLD,R.C. :General Public Utilities - GPU Service Corp.  
HERBEIN,J.G. :General Public Utilities - GPU Service Corp.  
DATE ISS:78/11/27, 6pp. ,48X:19454-060,ODI:B&W 0834 ,TN:GB04 4.3

U. S. NUCLEAR REGULATORY COMMISSION  
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8307130379 Forwards "TMI Mat. Audit, 780109-20." One major area of concern was practice of bypassing chain of command from top to bottom, resulting in duplication of efforts.

TROFFER, G.J. : Metropolitan Edison Co.  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 78/02/14, 6pp. , 48X:19501-104, ODI: B&W 0843 , TN: GB04 4.1, 4.2, 4.3

8307090223 Discusses exit remarks of J Buzzy following GP Miller senior reactor exam. Buzzy considers plant dirty & paper appears to be "falling apart" in control room.

ARNOLD, R.C. : Metropolitan Edison Co.  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 76/04/20, 4pp. , 48X:19454-124, ODI: B&W 0844 , TN: GB04 4.1, 4.3, 4.4

8307130385 Suspends ltr-designated Individual VV from work for period 790813-26, for failure to exercise sound judgement during 1978-79 requalification program.

MILLER, G.P. : Metropolitan Edison Co.  
VV : Metropolitan Edison Co.  
DATE ISS: 79/08/08, 3pp. , 48X:19501-143, ODI: B&W 0845 , TN: GB04 4.2, 4.3

8307080690 Review & analysis of 781107 partial loss of feedwater.

\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/11/21, 2pp. , 48X:19408-097, ODI: B&W 0860 , TN: GB04 NOT REVIEWED

8307080692 Deposition of GA Kunder on 790802 in Harrisburg, PA. Pp 2-171.

KUNDER, G.A. : Metropolitan Edison Co.  
DATE ISS: 79/08/02, 314pp. , 48X:19408-183, ODI: B&W 0861 , TN: GB04 NOT REVIEWED

8307080687 Testimony of GA Kunder on 790511. Pp 1-36 & 1-21.

KUNDER, G.A. : Metropolitan Edison Co.  
DATE ISS: 79/05/11, 58pp. , 48X:19409-137, ODI: B&W 0862 , TN: GB04 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120099 Submits simulator training schedule.

SEELINGER, J. :Metropolitan Edison Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:75/03/13, 2pp. ,48X:19458-088, ODI:B&W 0888 ,TN:GB04 4.1

8307120113 "Selection, Training, Qualification & Licensing of TMI  
Reactor Operating Personnel."

EYCHISON, R. :President's Commission on the Accident at Three Mile Island  
DATE ISS:79/10/31, 100pp. ,48X:19458-094, ODI:B&W 0890 ,TN:GB04 NOT REVIEWED

8307120130 Responds to request for addl info re Item 41.17. Response  
changed to read "NRC Current Event - Power Reactors," as of  
Amend 28.

\* :Metropolitan Edison Co.  
DATE ISS:75/10/31, 2pp. ,48X:19459-026, ODI:B&W 0893 ,TN:GB04 NOT REVIEWED

8307120161 Resume of DM Shovlin.

SHOVLIN, D.M. :Metropolitan Edison Co.  
DATE ISS:82/07/16, 1p. ,48X:19459-139, ODI:B&W 0897 ,TN:GB04 NOT REVIEWED

8307120183 Transcript of IE TMI investigation interview w/TF Illjes on  
790523 in Middletown, PA.

ILLJES, T.F. :Metropolitan Edison Co.  
DATE ISS:79/05/23, 26pp. ,48X:19460-011, ODI:B&W 0904 ,TN:GB04 4.1, 4.3

8307090384 Transcript of IE interview of H Hartman on 790522.

HARTMAN, H. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/05/22, 61pp. ,48X:19486-275, ODI:B&W 1021 ,TN:GB04 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120725 "Reactor Coolant Leakage Test."

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/03/25, 9pp. ,48X:19463-050,ODI:B&W 4026 ,TN:GB04 NOT REVIEWED

8307120739 Response to apparent noncompliance w/Tech Spec 3/4.4.6,  
"RCS Leakage," due to error in calculational procedure for  
computations from 790322-28. Corrective action discussed.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/03/28, 2pp. ,48X:19463-059,ODI:B&W 4027 ,TN:GB04 NOT REVIEWED

8307120640 Ack receipt of preventive maint job index-by component  
(RC-R-0002), Change/Mod Request form 20267 & work Request  
C-0055 on 790921.

HAYNES, R.C. :NRC - No Detailed Affiliation Given  
GUERIN, J. :Metropolitan Edison Co.  
DATE ISS:79/09/21, 2pp. ,48X:19495-261,ODI:B&W 4036 ,TN:GB04 4.3

8307120826 Graphs re 780423 failed open steam safety valves.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:83/07/11, 1p. ,48X:19496-045,ODI:B&W 4059 ,TN:GB04 4.3

8307120869 "Reactor Coolant Leakage Test."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:79/03/25, 180pp. ,48X:19496-052,ODI:B&W 4066 ,TN:GB04 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307130119 Transcript of 790421 interview w/util.

\* :Director's Office, Office of Inspection and Enforcement  
:DATE ISS:79/04/21, 1p. ,48X:19497-010,ODI:B&W 5006AA ,TN:GB04 4.1, 4.2

8307130130 Transcript of 790406 interview w/util.

\* :General Public Utilities - GPU Service Corp.  
:DATE ISS:79/04/06, 1p. ,48X:19497-014,ODI:B&W 5007BB ,TN:GB04 4.1, 4.2

8307130135 Transcript of 800327 interview w/util.

\* :Director's Office, Office of Inspection and Enforcement  
:DATE ISS:80/03/27, 2pp. ,48X:19497-017,ODI:B&W 5008AA ,TN:GB04 NOT REVIEWED

8307010246 Answers questions re difficulties associated w/NPGD. Includes inability to anticipate industry trends & lack of urgency in completing tasks.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:73/11/08, 1p. ,48X:19178-136,ODI:GPU 0046 ,TN:GB04 NOT REVIEWED

8307010255 Responds to 730406 ltr re technician water chemistry course. Attempting to have Met Ed give course. Cost control main obstacle to overcome.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
POCOCK, F.J. :Affiliation Unknown  
DATE ISS:73/04/11, 1p. ,48X:19178-143,ODI:GPU 0050 ,TN:GB04 NOT REVIEWED

8307070548 Submits preliminary rept of Safety Concern PSC 18-79 re plant operators panel instrumentation readout limited to 2500 psia, below Tech Spec limit. Analysis concludes condition not reportable per 10CFR50.55e or 10CFR21.

TAYLOR, J.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/05, 3pp. ,48X:19337-219,ODI:GPU 0071 ,TN:GB04 NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120721 Resume of DF Hallman.

HALLMAN, D.F. :Babcock & Wilcox Co.

DATE ISS:82/01/19, 3pp. ,48X:19461-039,ODI:GPU 0418 ,TN:GB04

NOT REVIEWED

8307060522 Resume of FR Faist.

FAIST, F.R. :Babcock & Wilcox Co.

DATE ISS:82/03/23, 2pp. ,48X:19340-262,ODI:GPU 0486 ,TN:GB04

NOT REVIEWED

8307130237 Resume of RD Davis.

DAVIS, R.B. :Wiley & Wilson

DATE ISS:83/07/12, 2pp. ,48X:19503-350,ODI:GPU 0506 ,TN:GB04

4.2

8307070382 Discusses near-term design improvements identified in 790416 meeting w/ACRS. Mods will provide operators w/more positive indication of PORV position & saturated temp condition indicator for RCS.

MACMILLAN, J.H. :Babcock & Wilcox Co.

DENTON, H.R. :Office of Nuclear Reactor Regulation, Director

DATE ISS:79/04/26, 1p. ,48X:19341-109,ODI:GPU 0534 ,TN:GB04

NOT REVIEWED

8307120804 Lists items discusses at B&W Uses Group Nov 1977 meeting.

MILLER, G.P. :Metropolitan Edison Co.

ROGERS, L.C. :Metropolitan Edison Co.

DATE ISS:77/11/16, 2pp. ,48X:19502-352,ODI:GPU 2024 ,TN:GB04

NOT REVIEWED

8307120804 Lists items discusses at B&W Uses Group Nov 1977 meeting.

MILLER, G.P. :Metropolitan Edison Co.

ROGERS, L.C. :Metropolitan Edison Co.

DATE ISS:77/11/16, 2pp. ,48X:19502-352,ODI:GPU 2024 ,TN:GB04

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
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8307110344 Application by WH Zewe for senior reactor operator license.

ZEW, W.H. : Metropolitan Edison Co.  
COLLINS, P.F. : Atomic Energy Commission, Directorate of Licensing  
DATE ISS: 75/07/10, 4pp. , 48X: 19483-332, ODI: GPU 2077 , TN: GB04

NOT REVIEWED

8307110345 Application by WH Zewe for senior reactor operator license.

ZEW, W.H. : Metropolitan Edison Co.  
COLLINS, P.F. : Operator Licensing Branch  
DATE ISS: 77/07/05, 4pp. , 48X: 19483-336, ODI: GPU 2078 , TN: GB04

NOT REVIEWED

8307080041 Printout listing for 790328 sequence of events review.

\* : Metropolitan Edison Co.  
DATE ISS: 79/03/28, 67pp. , 48X: 19338-317, ODI: GPU 2083 , TN: GB04

NOT REVIEWED

8307050403 Revised Chapter 13 to FSAR, "Conduct of Operations."

\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/04/07, 67pp. , 48X: 19230-001, ODI: GPU 2156 , TN: GB04

NOT REVIEWED

8307050420 Requalification program, "Category Review."

\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/12/31, 59pp. , 48X: 19230-167, ODI: GPU 2158 , TN: GB04

NOT REVIEWED

8307120939 B&W reviewed electromatic relief valve logic. Switch S-1 should be in deenergized position to alleviate condition re valve position on loss of power. Control room indicating light, operated from power to solenoid, can be added.

TODLE, R. : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/04/03, 3pp. , 48X: 19500-302, ODI: GPU 2177 , TN: GB04

NOT REVIEWED



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080110 "Summary of Operating Problems W/Pressurizer Electromatic Relief Valves."

\* :General Public Utilities - GPU Service Corp.  
:

DATE ISS:83/07/07, 4pp. ,48X:19361-093,ODI:GPU 2343 ,TN:GB04

NOT REVIEWED

8307080195 Discusses 731229-740104 weekly rept re hot functional testing.

PHINNEY, J.D. :Babcock & Wilcox Co.

BEACH, R.R. :Babcock & Wilcox Co.

DATE ISS:74/01/04, 3pp. ,48X:19361-148,ODI:GPU 2411 ,TN:GB04

NOT REVIEWED

8307080483 "Emergency & Abnormal Procedures Quiz - Senior Reactor Operator."

KUNDER, S.A. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:76/10/20, 3pp. ,48X:19361-313,ODI:GPU 2456 ,TN:GB04

NOT REVIEWED

8307080487 "Emergency & Abnormal Procedures Quiz - Senior Reactor Operator."

KUNDER, G. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:77/01/09, 8pp. ,48X:19361-316,ODI:GPU 2457 ,TN:GB04

NOT REVIEWED

8307080520 Forwards IE Insp Rept 50-289/79-06 on 790221-23 & 26-28. No noncompliance noted.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support

HERBEIN, J.G. :Metropolitan Edison Co.

DATE ISS:79/03/21, 2pp. ,48X:19361-356,ODI:GPU 2462 ,TN:GB04

NOT REVIEWED

8307080581 "Operating Guidelines for Small Breaks for Oconee 1,2 & 3, TMI-1 & TMI-2, Crystal River 3 & Rancho Seco I."

\* :Babcock & Wilcox Co.  
:

DATE ISS:83/07/06, 48pp. ,48X:19362-066,ODI:GPU 2468 ,TN:GB04

NOT REVIEWED

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070185 Partial deposition of EA Womack on 790630.

WOMACK,E.A. ;Babcock & Wilcox Co.

DATE ISS:79/06/30, 30pp. ,48X:19357-116,ODI:GPU 6054 ,TN:G804

NOT REVIEWED

8307120920 Excerpt from IE interview of B Mehler on 800327 re RCS  
inventory.Pp 5-12.

MEHLER,B. ;General Public Utilities - GPU Service Corp.

DATE ISS:80/03/27, 8pp. ,48X:19512-279,ODI:GPU 6060AA ,TN:G804

NOT REVIEWED

002519 RECORDS SCANNED 211 RECORDS PRINTED ( 62 RECORDS, 149 SUPP.)  
ENDING CODE= 186 LAST KEY= GPU 6060AA 830712092004

CATEGORY 5  
TRIAL TESTIMONY

**CATEGORY 5  
DEPOSITIONS**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290825 Deposition of BA Mehler on B1072B in New York, NY. Pp 1-172.

MEHLER, B. A. : Metropolitan Edison Co.

DATE ISS: 81/07/28, 172pp. , 48X: 19131-031, ODI: , TN: 0B05 5.2

8306290806 Deposition of BA Mehler on B10730 in New York, NY. Pp 364-679.

MEHLER, B. A. : Metropolitan Edison Co.

DATE ISS: 81/07/30, 315pp. , 48X: 19132-034, ODI: , TN: 0B05 IRRELEVANT

8307110121 Deposition of BA Mehler on B10731 in New York, NY. Pp 565-679.

MEHLER, B. A. : Metropolitan Edison Co.

DATE ISS: 81/07/31, 115pp. , 48X: 19488-271, ODI: , TN: 0B05 5.2

8306290851 Deposition of AW Miller on B11201 in Middletown, PA. Pp 1-131.

MILLER, A. W. : General Public Utilities - GPU Service Corp.

DATE ISS: 81/12/01, 131pp. , 48X: 19134-028, ODI: , TN: 0B05 5.1, 5.2

8306290856 Deposition of JD Phinney on B20113 in New York, NY. Pp 1-134.

PHINNEY, J. D. : Babcock & Wilcox Co.

DATE ISS: 82/01/13, 134pp. , 48X: 19138-154, ODI: , TN: 0B05 5.2

8306290909 Deposition of WE Potts on B20107 in New York, NY. Pp 1-176.

POTTS, W. E. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/01/07, 176pp. , 48X: 19139-203, ODI: , TN: 0B05 5.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290751 Deposition of WH Zeve on 820526 in New York, NY. Pp 480-645.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/26, 165pp. , 48X: 19167-079, ODI: , TN: 8B05 5.2

000635 RECORDS SCANNED 19 RECORDS PRINTED ( 0 RECORDS, 19 SUPP. )  
ENDING CODE- 186 LAST KEY- ZEWE, W. H. 8205280807

CATEGORY 5

EXHIBITS

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050340 Transcript of Commission 810204 restart hearing in  
Harrisburg, PA. Pd 11,513-11,717.

\* :Commissioners  
:;  
DATE ISS:81/02/04, 306pp. ,48X:19322-129,ODI:B&W 0179 ,TN:GB05 5.2

8307020091 Rev 18 to "TMI Nuclear Station Administrative Procedure  
1001, Document Control."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/02/21, 117pp. ,48X:19245-064,ODI:B&W 0237 ,TN:GB05 5.1, 5.2

8307020095 Transcript of 790425 interview w/B Mehler.

MEHLER, B. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/04/25, 16pp. ,48X:19245-181,ODI:B&W 0238 ,TN:GB05 5.2

8307020098 Transcript of 790510 interview w/B Mehler.

MEHLER, B. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/05/10, 45pp. ,48X:19246-004,ODI:B&W 0239 ,TN:GB05 5.2

8307020104 Expresses desire that corrective action be completed on  
listed major equipment problems prior to restart of test  
program & power operation.

WARD, E.G. :Babcock & Wilcox Co.  
BARTON, J.J. :General Public Utilities - GPU Service Corp.  
DATE ISS:78/05/02, 1p. ,48X:19246-050,ODI:B&W 0243 ,TN:GB05 IRRELEVANT

8307050287 Forwards IE Insp Rept 50-346/78-06 on 771206-08 & 780306-08.  
Effective presentation of info re transients at other plants  
suggested to enhance nuclear industry communications.

ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
KEMERY, J.G. :President's Commission on the Accident at Three Mile Island  
DATE ISS:79/08/30, 5pp. ,48X:19326-018,ODI:B&W 0247 ,TN:GB05 5.2



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8308230585 Transcript of TMI Investigative Task Force Taped Interview 4  
(Keaten Tapes) on 790824.Pp 1-45.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/08/24, 46pp. ,48X:20125-198,ODI:B&W 0347D ,TN:GB05

IRRELEVANT

8308230606 Transcript of TMI Investigative Task Force Taped Interview 7  
(Keaten Tapes) on 790919.Pp 1-63.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/09/19, 64pp. ,48X:20126-007,ODI:B&W 0347G ,TN:GB05

5.2

8308230609 Transcript of TMI Investigative Task Force Taped Interview 8  
(Keaten Tapes) on 790919.Pp 1-64.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/09/19, 65pp. ,48X:20126-073,ODI:B&W 0347H ,TN:GB05

5.2

8308230612 Transcript of TMI Investigative Task Force Taped Interview 9  
(Keaten Tapes) on 790919.Pp 1-30.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/09/19, 31pp. ,48X:20126-138,ODI:B&W 0347I ,TN:GB05

5.2

8308230617 Transcript of TMI Investigative Task Force Taped Interview  
10 (Keaten Tapes) on 790920.Pp 1-64.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/09/20, 65pp. ,48X:20126-169,ODI:B&W 0347J ,TN:GB05

5.2

8308230619 Transcript of TMI Investigative Task Force Taped Interview  
11 (Keaten Tapes) on 790920.Pp 1-66.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/09/20, 67pp. ,48X:20126-234,ODI:B&W 0347K ,TN:GB05

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080693 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:80/03/24, 41pp. ,48X:19403-068,ODI:B&W 0354 ,TN:GB05 5.1, 5.2

8307080695 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:80/05/12, 50pp. ,48X:19403-112,ODI:B&W 0355 ,TN:GB05 5.1, 5.2

8307080698 "GPU Accident Review Task Force Final Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/12/15, 49pp. ,48X:19403-161,ODI:B&W 0356 ,TN:GB05 5.1, 5.2

8307120734 Transcript of 790412 interview w/G Miller.Pp 1-58.

\* :Metropolitan Edison Co.  
DATE ISS:79/04/12, 58pp. ,48X:19502-230,ODI:B&W 0360 ,TN:GB05 5.2

8307080709 Transcript of interview w/util crew not directly involved in  
790328 accident.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:82/01/21, 288pp. ,48X:19404-134,ODI:B&W 0362 ,TN:GB05 IRRELEVANT

8307080096 Submits personnel changes at TMI.Changes & appointments made  
in accordance w/Rev 0 to GP 0019.

TROFFER,G.J. :Metropolitan Edison Co.  
DATE ISS:79/01/08, 2pp. ,48X:19334-115,ODI:B&W 0382 ,TN:GB05 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090278 Attendees at 740905,06,1129 & 1203 training programs re selected emergency procedures,operational QA,Tech Spec review & major operational evaluations.

SEELINGER,J. :Metropolitan Edison Co.

DATE ISS:74/09/06, 5pp. ,48X:19413-093,ODI:B&W 0516 ,TN:GB05 IRRELEVANT

8307090174 Suggests that pressurizer electromagnetic relief valve RC-RV2 be inspected periodically for corrosion products & freedom of movement re lever pin & hinge notina clearances w/solenoid bracket,

ROGERS,L.C. :Babcock & Wilcox Co.

HERBEIN,J.G. :Metropolitan Edison Co.

DATE ISS:75/07/31, 1p. ,48X:19398-234,ODI:B&W 0656 ,TN:GB05 5.2

8307110743 Shift operator chronology log.

\* :Babcock & Wilcox Co.

DATE ISS:82/05/07, 1p. ,48X:19478-055,ODI:B&W 0657 ,TN:GB05 5.2

8307090210 "Pressure Test of RC-R2:Special Operating Procedure."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:78/10/04, 6pp. ,48X:19399-015,ODI:B&W 0665 ,TN:GB05 5.2

8307110724 Requests formation of fire member task force to complete investigation of encl seven specific issues re 790328 incident.

ARNOLD,R.C. :General Public Utilities - GPU Service Corp.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.

DATE ISS:79/06/27, 5pp. ,48X:19445-169,ODI:B&W 0694 ,TN:GB05 IRRELEVANT

8307110735 Submits tasks & subtasks for task teams.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/07/09, 16pp. ,48X:19445-180,ODI:B&W 0698 ,TN:GB05 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090022 Forwards draft "Loss of Feedwater Flow Leading to Accident of 790328," for master task force presentation.

LUCIEN, K. :Energy Incorporated  
:Energy Incorporated  
DATE ISS:79/09/01, 263pp. ,48X:19448-128,ODI:B&W 0718 ,TN:GB05 5.2

8307090026 Forwards TMI staff interview of H McGovern dtd 790504 & DA Berry notes on 790329 re 790328 incident.

ZODIACO, V.P. :General Public Utilities - GPU Service Corp.  
BLAKE, E.L. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/05/10, 447pp. ,48X:19449-031,ODI:B&W 0719 ,TN:GB05 IRRELEVANT

8307090054 Notes on operational aspects of 790328 event.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/07/17, 17pp. ,48X:19450-134,ODI:B&W 0726 ,TN:GB05 5.2

8307120252 Discusses items & assignment of responsibilities needed to address NRC IE investigation draft report findings. Initial response requested by 790822 & final response by 790912.

WALLACE, E.G. :General Public Utilities - GPU Service Corp.  
BEHRLE, W.H. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/06, 3pp. ,48X:19454-130,ODI:B&W 0730 ,TN:GB05 IRRELEVANT

8307090363 Identifies problems w/water & air in condensate polishing.

\* :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:78/05/21, 3pp. ,48X:19492-184,ODI:B&W 0743 ,TN:GB05 5.2

8307120292 "Final Report: Insp of Condensate Polishing Sys."

OPEKA, M.A. :National Aeronautics & Space Admin.  
:  
DATE ISS:79/09/12, 22pp. ,48X:19455-338,ODI:B&W 0744 ,TN:GB05 5.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120163 Log summary of 740621-28.

GATTO, C.E. :Metropolitan Edison Co.  
:;  
DATE ISS:74/06/21, 9pp. ,48X:19459-140,ODI:B&W 0898 ,TN:GB05 IRRELEVANT

8307120165 Forwards change mod.

SHOVLIN, D.M. :Metropolitan Edison Co.  
BARLEY, R. :Metropolitan Edison Co.  
DATE ISS:79/07/27, 1p. ,48X:19459-177,ODI:B&W 0899 ,TN:GB05 IRRELEVANT

8307120169 Minor QC change mod approval form.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:78/01/17, 1p. ,48X:19459-178,ODI:B&W 0900 ,TN:GB05 IRRELEVANT

8307120171 C/M design checklist.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:77/04/27, 7pp. ,48X:19459-095,ODI:B&W 0901 ,TN:GB05 IRRELEVANT

8307120174 Presents Generation Engineering recommendations re  
adjustment of pressurizer discharge piping per JG Herbein  
760227 request. Nothing should be done to change cold spring  
settings on any of three discharge lines.  
BAILEY, S.H. :Metropolitan Edison Co.  
SHOVLIN, D.M. :Metropolitan Edison Co.  
DATE ISS:76/03/12, 2pp. ,48X:19459-186,ODI:B&W 0902 ,TN:GB05 5.2

8307120187 Summary of TMI-2 Accident Review Task Force 790824 meeting.

\* :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:79/08/24, 5pp. ,48X:19460-036,ODI:B&W 0905 ,TN:GB05 5.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120781 Summary of valve problem in RCS.

\* :Metropolitan Edison Co.

DATE ISS:77/11/03, 1p. ,48X:19463-150,ODI:B&W 4033 ,TN:GB05 5.2

8307120623 Work request procedure, "Repair & Test of Reactor Coolant  
RC=RV-2," to assure leak tightness.

\* :Metropolitan Edison Co.

DATE ISS:77/10/25, 5pp. ,48X:19495-249,ODI:B&W 4034 ,TN:GB05 5.2

8307120640 Ack receipt of preventive maint Job index=by component  
(RC=R-0002),Change/Mod Request form 20267 & work Request  
C=0055 on 790921.

HAYNES,R.C. :NRC - No Detailed Affiliation Given

GUERIN,J. :Metropolitan Edison Co.

DATE ISS:79/09/21, 2pp. ,48X:19495-261,ODI:B&W 4036 ,TN:GB05 IRRELEVANT

8307120656 Advises that following review of purchase order,sys requires  
replacement valve.Drawing for review will be sent.Valve  
design features approved.

FREET,G.W. :Dresser Industries, Inc.

LANCE,W.C. :Metropolitan Edison Co.

DATE ISS:79/01/25, 2pp. ,48X:19495-264,ODI:B&W 4037 ,TN:GB05 5.2

8307120664 Requests reply to 790125 ltr re design of 31533VX-30  
electromatic relief valve.Acceptability of new design  
advised.

RESSON,J. :Dresser Industries, Inc.

LANCE,W.C. :Metropolitan Edison Co.

DATE ISS:79/03/27, 1p. ,48X:19495-266,ODI:B&W 4038 ,TN:GB05 5.2

8307120671 Forwards Dresser Industries correspondence recommending  
design changes in spare pressurizer electromatic relief  
valve.Due to long lead time & costs,response to Dresser  
requested.W/o encl.

SIGGLITZ,R.E. :Metropolitan Edison Co.

CRONEBERGER,D. :Metropolitan Edison Co.

DATE ISS:79/10/22, 1p. ,48X:19495-267,ODI:B&W 4039 ,TN:GB05 5.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020239 Responds to Yannon 781005 memo re course taken to correct  
poor availability of B&W plants. Facts re performance  
relative to competition encl. Equipment performance  
improvements being addressed.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
FAVRET, L.M. :Babcock & Wilcox Co.  
DATE ISS:78/10/30, 5pp. ,48X:19225-142,ODI:GPU 0142 ,TN:GB05 5.2

8307080729 Minutes of 791108 & 30 staff meetings to review findings &  
recommendations of Technical Review Committee established  
after TMI-2 accident.  
BALL, R.M. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/12/07, 29pp. ,48X:19490-014,ODI:GPU 0232 ,TN:GB05 5.2

8307090059 "Potential Lessons to be Learned From TMI-2."  
  
LABELLE, D.W. :Babcock & Wilcox Co.  
DATE ISS:79/05/25, 2pp. ,48X:19490-225,ODI:GPU 0287 ,TN:GB05 IRRELEVANT

8307020249 Requests arrangements for Dresser svc engineer to come to  
site to modify electromatic relief valve RC-RV2. New bushing  
type bearings are to be installed.  
REID, J.E. :Babcock & Wilcox Co.  
STINNETT, J.F. :Babcock & Wilcox Co.  
DATE ISS:77/02/21, 2pp. ,48X:19225-063,ODI:GPU 0369 ,TN:GB05 5.2

8307020251 Field change authorization to modify electromatic relief  
valve.  
  
PLETKE, L.R. :Babcock & Wilcox Co.  
DATE ISS:76/11/22, 2pp. ,48X:19225-066,ODI:GPU 0370 ,TN:GB05 5.2

8307060462 Forwards B&W 750730 ltr. to Met Ed re preventive maint  
suggestions for pressurizer electromagnetic relief valve  
RC-RV2. Issue considered closed. Site problem rept for 750613  
valve failure at Oconee 3 encl.  
ROGERS, L.C. :Babcock & Wilcox Co.  
\* :Nuclear Services Corp.  
DATE ISS:75/07/30, 4pp. ,48X:19302-122,ODI:GPU 0375 ,TN:GB05 5.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

- 8307120798 Suppl RO NP-32-77-16: on 770924, series of events occurred, resulting in depressurization of primary sys from normal pressure. Caused by steam feedwater rupture control sys spurious half trip.  
MURRAY, T.D. : Toledo Edison Co.  
KEPPLER, J.G. : Region 3, Office of Director  
DATE ISS: 77/11/14, 58pp. , 48X: 19494-103, ODI: GPU 2006 , TN: GB05 5.2
- 8307070292 Speech entitled "B&W Capabilities & Experience Supporting Plant Startup, Operations & Maint," presented at 780306-07 nuclear operating experience seminar in Hershey, PA.  
BAKER, R.J. : Babcock & Wilcox Co.  
DATE ISS: 78/03/06, 37pp. , 48X: 19338-118, ODI: GPU 2027 , TN: GB05 IRRELEVANT
- 8307120950 "TMI-1/Oyster Creek O&M Cost Comparison." EEI nuclear plant staffing survey Jan 1978 encl.  
ARNOLD, R.C. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/03/27, 3pp. , 48X: 19503-185, ODI: GPU 2056 , TN: GB05 IRRELEVANT
- 8307080017 Transcript of President's Commission on Accident at TMI third meeting on 790530 in Washington, DC. Pp 1-210. W/o Pp 5-112.  
\* : President's Commission on the Accident at Three Mile Island  
DATE ISS: 79/05/30, 103pp. , 48X: 19338-209, ODI: GPU 2069 , TN: GB05 IRRELEVANT
- 8307110323 Discusses 771019 incident re water in instrument air lines at condensate polisher control panel & regeneration skid resulting in loss of feedwater condition. Cause not determined. Corrective actions to prevent recurrence listed.  
\* : Metropolitan Edison Co.  
MILLER, G.P. : Metropolitan Edison Co.  
DATE ISS: 77/11/14, 4pp. , 48X: 19483-307, ODI: GPU 2070 , TN: GB05 5.2
- 8307110327 Job Ticket C1137 (work request) for RC=RV-1A replacement due to leakage.  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/02/09, 6pp. , 48X: 19483-311, ODI: GPU 2072 , TN: GB05 5.2



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110798 Rev 2 to "Atmosphere Dump Bellows Outage, Unit 2."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/01/22, 15pp. ,48X:19464-104,ODI:GPU 2093 ,TN:GB05 5.2

8307110797 Submits station support team resident engineer weekly activity summary rept for 790317-23.

ROGERS, L.C. :Babcock & Wilcox Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:79/03/23, 3pp. ,48X:19464-120,ODI:GPU 2094 ,TN:GB05 5.2

8307050403 Revised Chapter 13 to FSAR, "Conduct of Operations."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/04/07, 67pp. ,48X:19230-001,ODI:GPU 2156 ,TN:GB05 5.1, 5.2

8307050420 Requalification program, "Category Review."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/12/31, 59pp. ,48X:19230-167,ODI:GPU 2158 ,TN:GB05 IRRELEVANT

8307050484 Site Problem Rept 195 re BWNP-20345-1(8-78) which will not open w/plant pressure at 2,275 psi or in manual control in control room.

\* :Babcock & Wilcox Co.  
: DATE ISS:78/12/12, 3pp. ,48X:19231-205,ODI:GPU 2179 ,TN:GB05 5.2

8307130013 Unit 2 plant sys operational loa for 790202-04.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/02/02, 2pp. ,48X:19497-224,ODI:GPU 2232 ,TN:GB05 5.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080128 Procedures 31533VX-30 & 31533VX,w/& w/o bellows,  
respectively, "Instructions for Operating & Repairing  
Consolidated Electromatic Relief Valve."  
\* :Dresser Industries, Inc.  
DATE ISS:83/07/05, 31pp. ,48X:19361-042,ODI:GPU 2336 ,TN:GB05 IRRELEVANT

8307110761 Requests visit by Dresser svc engineer to Unit 2 to modify  
electromatic relief valve.  
REID,J.E. :Babcock & Wilcox Co.  
STREET,J.F. :Babcock & Wilcox Co.  
DATE ISS:77/02/21, 15pp. ,48X:19483-154,ODI:GPU 2342 ,TN:GB05 5.2

8307120603 Submits Rev 0 to Field Change Authorization FCA-183 re RCS  
electromatic relief valve mod.  
PUGH,J.R. :Babcock & Wilcox Co.  
KLINGAMAN,R.M. :Metropolitan Edison Co.  
DATE ISS:76/11/30, 4pp. ,48X:19495-073,ODI:GPU 2345 ,TN:GB05 5.2

8307080172 Discusses weekly rept of 740202-08 re RCS.  
PHINNEY,J.D. :Babcock & Wilcox Co.  
BEACH,R.R. :Babcock & Wilcox Co.  
DATE ISS:74/01/11, 2pp. ,48X:19361-144,ODI:GPU 2409 ,TN:GB05 5.2

8307080191 Discusses 740126-0201 weekly rept re RCS.  
PHINNEY,J.D. :Babcock & Wilcox Co.  
BEACH,H.H. :Babcock & Wilcox Co.  
DATE ISS:74/02/04, 2pp. ,48X:19361-146,ODI:GPU 2410 ,TN:GB05 IRRELEVANT

8307080211 "Interim Operating Guideline for Response to Allow Maint of  
HPI Sys on Low RCS Pressure."  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/16, 4pp. ,48X:19361-153,ODI:GPU 2413 ,TN:GB05 IRRELEVANT

**CATEGORY 6**  
**TRIAL TESTIMONY**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290634 Testimony of RJ Marzec on 830106 in New York, NY. Pd 6,082-6,232.

MARZEC, R.J. ; Duke Power Co.

DATE ISS: 83/01/06, 151pp. , 48X:19038-186, ODI: , TN:GB06 6.12

8306290638 Testimony of RJ Marzec on 830107 in New York, NY. Pd 6,233-6,359.

MARZEC, R.J. ; Duke Power Co.

DATE ISS: 83/01/07, 127pp. , 48X:19038-337, ODI: , TN:GB06 6.12

8306290642 Testimony of RJ Marzec on 830110 in New York, NY. Pd 6,379-6,481.

MARZEC, R.J. ; Duke Power Co.

DATE ISS: 83/01/10, 103pp. , 48X:19039-121, ODI: , TN:GB06 IRRELEVANT

8307260345 Testimony of B Mehler on 830118 in New York, NY. Pd 6,954-6,994.

MEHLER, B. ; General Public Utilities - GPU Service Corp.

DATE ISS: 83/01/18, 41pp. , 48X:19040-339, ODI: , TN:GB06 6.12

8307260613 Testimony of C Michelson on 821223 in New York, NY. Pd 5,481-5,588.

MICHELSON, C. ; Director's Office

DATE ISS: 82/12/23, 108pp. , 48X:19036-308, ODI: , TN:GB06 IRRELEVANT

8307260071 Testimony of C Michelson on 830104 in New York, NY. Pd 5,912-5,921.

MICHELSON, C. ; Director's Office

DATE ISS: 83/01/04, 10pp. , 48X:19038-015, ODI: , TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290450 Testimony of WH Zewe on 821119 in New York, NY. Pp 2,040-  
2,137. Pp 2,040-2,061 withheld.

ZEW, W.H. ; General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/19, 75pp. , 48X: 19027-233, ODI: , TN: GB06

IRRELEVANT

8306290452 Testimony of WH Zewe on 821122 in New York, NY. Pp 2,138-  
2,311.

ZEW, W.H. ; General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/22, 173pp. , 48X: 19027-311, ODI: , TN: GB06

IRRELEVANT

8306290453 Testimony of WH Zewe on 821123 in New York, NY. Pp 2,312-  
2,574.

ZEW, W.H. ; General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/23, 162pp. , 48X: 19028-123, ODI: , TN: GB06

IRRELEVANT

8306290466 Testimony of WH Zewe on 821129 in New York, NY. Pp 2,681-  
2,830.

ZEW, W.H. ; General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/29, 149pp. , 48X: 19029-030, ODI: , TN: GB06

IRRELEVANT

8306290463 Testimony of WH Zewe on 821201 in New York, NY.  
Pp 2,924-3,040.

ZEW, W.H. ; General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/01, 116pp. , 48X: 19029-273, ODI: , TN: GB06

6.12

003037 RECORDS SCANNED 23 RECORDS PRINTED ( 1 RECORDS, 22 SUPP.)  
ENDING CODE= 186 LAST KEY= ZODIACO, V.P. 790511GB07

**CATEGORY 6  
DEPOSITIONS**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290859 Deposition of G Billingsley on 820219 in New York, N.Y.  
Pp 158-331.

BILLINGSLEY, G. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/02/19, 173pp. , 48X: 19058-246, ODI: , TN: 0806

IRRELEVANT

8306290862 Deposition of G Billingsley on 820225 in New York, N.Y.  
Pp 332-413.

BILLINGSLEY, G. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/02/25, 81pp. , 48X: 19059-058, ODI: , TN: 0806

IRRELEVANT

8306290959 Deposition of JD Carlton on 820128 in New York, NY. Pp 1-81.

CARLTON, J. D. : Babcock & Wilcox Co.

DATE ISS: 82/01/28, 85pp. , 48X: 19063-302, ODI: , TN: 0806

6.8

8306290934 Deposition of AJ Dominguez on 820817 in New York. Pp 1-120.

DOMINGUEZ, A. J. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/08/17, 122pp. , 48X: 19065-133, ODI: , TN: 0806

IRRELEVANT

8306290929 Deposition of BM Dunn on 810319 in New York, NY. Pp 390-499.

DUNN, B. M. : Babcock & Wilcox Co.

DATE ISS: 81/03/19, 114pp. , 48X: 19066-289, ODI: , TN: 0806

IRRELEVANT

8306290958 Deposition of BM Dunn on 810320 in New York, NY. Pp 500-602.

DUNN, B. M. : Babcock & Wilcox Co.

DATE ISS: 81/03/20, 102pp. , 48X: 19068-193, ODI: , TN: 0806

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290733 Deposition of JR Floyd on B2042B in New York, NY. Pp 294-422.

FLOYD, J. R. : Metropolitan Edison Co.

DATE ISS: 82/04/28, 128pp. , 48X: 19077-014, ODI: , TN: Q806 6.12

8306290717 Deposition of ER Frederick on B20505 in New York, NY.  
Pp 129-281.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/05, 152pp. , 48X: 19078-116, ODI: , TN: Q806 6.12

8306290720 Deposition of ER Frederick on B20507 in New York, NY.  
Pp 421-563.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/07, 142pp. , 48X: 19079-049, ODI: , TN: Q806 IRRELEVANT

8306290769 Deposition of ER Frederick on B20510 in New York, NY.  
Pp 564-684.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/10, 120pp. , 48X: 19079-193, ODI: , TN: Q806 IRRELEVANT

8307110113 Deposition of ER Frederick on B20511 in New York, NY. Pp 685-774.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/11, 90pp. , 48X: 19488-181, ODI: , TN: Q806 6.1, 6.12

8306290823 Deposition of C Goslow on B2010B in New York, NY. Pp 154-306.

GOSLOW, C. : Babcock & Wilcox Co.

DATE ISS: 82/01/08, 153pp. , 48X: 19082-338, ODI: , TN: Q806 IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290875 Deposition of RS Harbin on B11001 in New York, NY. Pp 484-558.  
Supporting documentation encl.

HARBIN, R. S. : Metropolitan Edison Co.

DATE ISS: 81/10/01, 84pp. , 48X: 19088-215, ODI: , TN: 0B06

IRRELEVANT

8306290867 Deposition of HW Hartman on B20716 in Elizabethtown, PA.  
Pp 1-206.

HARTMAN, H. W. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/07/16, 206pp. , 48X: 19088-299, ODI: , TN: 0B06

6.1

8306290873 Deposition of HW Hartman on B20818 in Elizabethtown, PA.  
Pp 207-291.

HARTMAN, H. W. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/08/18, 85pp. , 48X: 19089-142, ODI: , TN: 0B06

IRRELEVANT

8306290881 Deposition of JG Herbein on B20630 in New York, N. Y. Pp 1-184.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/06/30, 187pp. , 48X: 19089-227, ODI: , TN: 0B06

IRRELEVANT

8306290887 Deposition of JG Herbein on B20701 in New York, N. Y.  
Pp 185-294.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/07/01, 110pp. , 48X: 19090-051, ODI: , TN: 0B06

IRRELEVANT

8307270534 Continued deposition of RC Jones on B10702 in New York, NY.  
Pp 278-358.

JONES, R. C. : Babcock & Wilcox Co.

DATE ISS: 81/07/02, 81pp. , 48X: 19788-084, ODI: , TN: 0B06

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290905 Deposition of RK Kennedy on 820127 in New York, NY. Pp 1-102.

KENNEDY, R. K. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/01/27, 102pp. , 48X: 19100-001, ODI: , TN: 6B06 IRRELEVANT

8306290744 Deposition of RE Kosiba on 810519 in New York, NY. Pp 682-757.

KOSIBA, R. E. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/05/19, 76pp. , 48X: 19102-052, ODI: , TN: 6B06 IRRELEVANT

8306290785 Deposition of DW LaBelle on 810604 in New York, NY.  
Pp 252-340.

LABELLE, D. W. : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/06/04, 89pp. , 48X: 19104-26B, ODI: , TN: 6B06 IRRELEVANT

8306290827 Deposition of LC Lanese on 820325 in New York, NY. Pp 129-302.

LANESE, L. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/03/25, 174pp. , 48X: 19125-129, ODI: , TN: 6B06 IRRELEVANT

8306290812 Deposition of LC Lanese on 820419 in New York, NY. Pp 469-596.

LANESE, L. C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/04/19, 129pp. , 48X: 19126-113, ODI: , TN: 6B06 IRRELEVANT

8306290800 Deposition of JH MacMillan on 820610 in New York, NY.  
Pp 134-324.

MACMILLAN, J. R. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/06/10, 190pp. , 48X: 19129-186, ODI: , TN: 6B06 6.8

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290889 Deposition of P Perrone on 820624 in New York, NY. Pp 1-67.

PERRONE, P. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/06/24, 67pp. , 48X: 19138-086, ODI: , TN: GB06 IRRELEVANT

8306290853 Deposition of JD Phinney on 820114 in New York, NY. Pp 136-270.

PHINNEY, J. D. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/01/14, 135pp. , 48X: 19138-288, ODI: , TN: GB06 IRRELEVANT

8306290846 Deposition of RL Pittman on 820628 in New York, NY. Pp 1-142.

PITTMAN, R. L. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/06/28, 142pp. , 48X: 19139-061, ODI: , TN: GB06 IRRELEVANT

8306290909 Deposition of WE Potts on 820107 in New York, NY. Pp 1-176.

POTTS, W. E. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/01/07, 176pp. , 48X: 19139-203, ODI: , TN: GB06 IRRELEVANT

8306290927 Deposition of WE Potts on 820108 in New York, NY. Pp 177-251.

POTTS, W. E. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/01/08, 77pp. , 48X: 19140-018, ODI: , TN: GB06 IRRELEVANT

8306290902 Deposition of F Scheimann on 820223 in New York, NY. Pp 1-156.

SCHEIMANN, F. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/02/23, 157pp. , 48X: 19143-235, ODI: , TN: GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290937 Deposition of JL Seelinger on 811022 in Palm Beach, FL. Pp  
414-539.

SEELINGER, J. L. :United Technologies Corp.

DATE ISS: 81/10/22, 126pp. , 48X: 19148-003, ODI: , TN: 0B06

IRRELEVANT

8306290830 Deposition of JR Shetler on 820423 in New York, NY. Pp 1-146.

SHETLER, J. R. :Babcock & Wilcox Co.

DATE ISS: 82/04/23, 146pp. , 48X: 19148-202, ODI: , TN: 0B06

IRRELEVANT

8306290839 Deposition of D Shovlin on 820716 in New York, NY. Pp 1-204.

SHOVLIN, D. :General Public Utilities - GPU Service Corp.

DATE ISS: 82/07/16, 204pp. , 48X: 19148-347, ODI: , TN: 0B06

6.6, 6.12

8306290861 Deposition of E Swanson on 820721 in New York, NY. Pp 1-141.

SWANSON, E. :Babcock & Wilcox Co.

DATE ISS: 82/07/21, 141pp. , 48X: 19149-189, ODI: , TN: 0B06

6.13

8306290874 Deposition of E Swanson on 820722 in New York, NY. Pp 1-306.

SWANSON, E. :Babcock & Wilcox Co.

DATE ISS: 82/07/22, 162pp. , 48X: 19149-331, ODI: , TN: 0B06

IRRELEVANT

8306290790 Deposition of JH Taylor on 810519 in New York, NY. Pp 1-148.

TAYLOR, J. H. :Babcock & Wilcox Co.

DATE ISS: 81/05/19, 148pp. , 48X: 19154-067, ODI: , TN: 0B06

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290768 Deposition of EA Womack on B01209 in New York, NY.  
Pp 185-360.

WOMACK, E. A. : Babcock & Wilcox Co.

DATE ISS: 80/12/09, 188pp. , 48X: 19161-081, ODI: , TN: GB06

IRRELEVANT

8306290767 Deposition of EA Womack on B10126 in New York, NY. Pp 643-807.

WOMACK, E. A. : Babcock & Wilcox Co.

DATE ISS: 81/01/26, 164pp. , 48X: 19162-178, ODI: , TN: GB06

IRRELEVANT

8306290771 Deposition of EA Womack on B10127 in New York, NY. Pp 808-950.

WOMACK, E. A. : Babcock & Wilcox Co.

DATE ISS: 81/01/27, 142pp. , 48X: 19162-342, ODI: , TN: GB06

IRRELEVANT

8306290761 Deposition of WH Zewe on B20520 in New York, NY. Pp 1-121.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/20, 121pp. , 48X: 19165-318, ODI: , TN: GB06

IRRELEVANT

8306290766 Deposition of WH Zewe on B20521 in New York, NY. Pp 122-248.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/21, 126pp. , 48X: 19166-078, ODI: , TN: GB06

IRRELEVANT

8306290770 Deposition of W Zewe on B20524 in New York, NY. Pp 249-350.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/24, 101pp. , 48X: 19166-207, ODI: , TN: GB06

6.12

CATEGORY 6

EXHIBITS

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020074 Field Questionnaire 1577, Rev 1 re condensate polishing sys.  
Diagram encl.

\* :Burns & Roe Co.

DATE ISS:77/02/19, 6pp. ,48X:19209-229,ODI:B&W 0164 ,TN:GB06 IRRELEVANT

8307110018 IMI startup problem re: re condensate sys. Based on loss of  
feedwater occurrence, Burns & Roe should reevaluate control  
of COV12.

\* :Metropolitan Edison Co.

DATE ISS:77/11/17, 5pp. ,48X:19477-015,ODI:B&W 0165 ,TN:GB06 IRRELEVANT .

8307110022 Discusses water in svc air & instrument air.

ZEW, W.H. :Metropolitan Edison Co.

SEELINGER, J. :Metropolitan Edison Co.

DATE ISS:78/05/15, 5pp. ,48X:19477-020,ODI:B&W 0166 ,TN:GB06 IRRELEVANT

8307110032 Forwards correspondence from Zewe re water in instrument  
air. W/o encl.

SEELINGER, J. :Metropolitan Edison Co.

BRUMMER, J. :Metropolitan Edison Co.

DATE ISS:78/05/16, 1p. ,48X:19477-025,ODI:B&W 0167 ,TN:GB06 IRRELEVANT

8307020076 Forwards portions of licensee startup shift test engineer  
Lod Books 1 & 2, in response to 791221 request re L Rogers  
testimony.

TRAVIESO-DIAZ :Shaw, Pittman, Potts & Trowbridge

ASSELSTINE, J.K. :Senate, Environment & Public Works

DATE ISS:80/01/09, 18pp. ,48X:19209-281,ODI:B&W 0168 ,TN:GB06 IRRELEVANT

8307110034 Advises that review of Current Events - Power Reactors dtd  
770901-1001 has been completed & no action required.

O'TOOLE, R.J. :General Public Utilities - GPU Service Corp.

:Metropolitan Edison Co.

DATE ISS:78/01/15, 13pp. ,48X:19477-027,ODI:B&W 0172 ,TN:GB06 6.8

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050510 Advises that licensee did not receive Insp Rept 50-346/78-06 re transient event prior to 790530 hearing. Documents encl illustrate actual notice of info on certain operating problems encountered at other plants.  
ARNOLD, R.C. : General Public Utilities - GPU Service Corp.  
KEMENY, J.G. : President's Commission on the Accident at Three Mile Island  
DATE ISS: 79/08/30, 5pp. , 48X: 19324-064, ODI: B&W 0208 , TN: GB06 IRRELEVANT

8307070193 Forwards final minutes of Meeting 30 of General Ofc Review Board re TMI.  
  
REPPERT, D.H. : General Public Utilities - GPU Service Corp.  
BARTMAN, J.S. : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/10/24, 11pp. , 48X: 19325-060, ODI: B&W 0209 , TN: GB06 IRRELEVANT

8307020086 Viewgraph of PORV indicator light & controls.  
  
\* : Babcock & Wilcox Co.  
DATE ISS: 81/07/28, 1p. , 48X: 19245-119, ODI: B&W 0236 , TN: GB06 6.12

8307020095 Transcript of 790425 interview w/B Mehler.  
  
MEHLER, B. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/04/25, 16pp. , 48X: 19245-181, ODI: B&W 0238 , TN: GB06 IRRELEVANT

8307020098 Transcript of 790510 interview w/B Mehler.  
  
MEHLER, B. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/05/10, 45pp. , 48X: 19246-004, ODI: B&W 0239 , TN: GB06 IRRELEVANT

8307020104 Expresses desire that corrective action be completed on listed major equipment problems prior to restart of test program & power operation.  
  
WARD, E.G. : Babcock & Wilcox Co.  
BARTON, J.J. : General Public Utilities - GPU Service Corp.  
DATE ISS: 78/05/02, 1p. , 48X: 19246-050, ODI: B&W 0243 , TN: GB06 IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120641 "Dresser PORV."

\* :Metropolitan Edison Co.  
: DATE ISS:83/07/12, 1p. ,48X:19502-076,ODI:B&W 0262 ,TN:GB06 IRRELEVANT

8307050320 Suggests areas in which evaluation of 790423 incident could  
be more accurate & complete. Concentration suggested in areas  
of malfunctioning safeties, flow testing of Mu-V-16a &  
poorly-designed alarm sys.  
FREDERICK, E. :General Public Utilities - GPU Service Corp.  
:Babcock & Wilcox Co.  
DATE ISS:78/05/03, 5pp. ,48X:19327-131,ODI:B&W 0264 ,TN:GB06 6.6, 6.12

8307050526 Preliminary inquiry of TMI incident of 790328.

ZEWE, W.H. :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/04/03, 50pp. ,48X:19327-282,ODI:B&W 0271 ,TN:GB06 6.12

8307080033 Figure 80:TMI-2 LOCA on 790328, pump operating history.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/03/28, 1p. ,48X:19331-002,ODI:B&W 0280 ,TN:GB06 IRRELEVANT

8307080682 Charts showing reactor bldg temps on 790329.

\* :Metropolitan Edison Co.  
: DATE ISS:79/03/29, 13pp. ,48X:19333-187,ODI:B&W 0313 ,TN:GB06 6.19

8307070318 Operational log. Summary of notes for 780419-0901.

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/09/01, 53pp. ,48X:19319-167,ODI:B&W 0337 ,TN:GB06 6.11

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8308230617 Transcript of TMI Investigative Task Force Taped Interview  
10 (Keaten Tapes) on 790920.Pp 1-64.

\* :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/09/20, 65pp. ,48X:20126-169,ODI:B&W 0347J ,TN:GB06

IRRELEVANT

8308230619 Transcript of TMI Investigative Task Force Taped Interview  
11 (Keaten Tapes) on 790920.Pp 1-66.

\* :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/09/20, 67pp. ,48X:20126-234,ODI:B&W 0347K ,TN:GB06

IRRELEVANT

8308230623 Transcript of TMI Investigative Task Force Taped Interview  
12 (Keaten Tapes) on 790920.Pp 1-59.

\* :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/09/20, 60pp. ,48X:20126-301,ODI:B&W 0347L ,TN:GB06

IRRELEVANT

8308230626 Transcript of TMI Investigative Task Force Taped Interview  
13 (Keaten Tapes) on 790924.Pp 1-26.

\* :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/09/24, 27pp. ,48X:20126-359,ODI:B&W 0347M ,TN:GB06

IRRELEVANT

8307070438 Second draft "GPU Task Force Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/10/06, 57pp. ,48X:19322-016,ODI:B&W 0349 ,TN:GB06

IRRELEVANT

8307080673 Forwards "GPU Task Force Interim Summry Rept," third draft  
re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:

:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48X:19402-181,ODI:B&W 0350 ,TN:GB06

6.12, 6.16

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080699 Forwards marked-up task force rept indicating significant differences from interim rept.w/o encl.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/09/02, 1p. ,48X:19404-017,ODI:B&W 0357 ,TN:GB06

IRRELEVANT

8307080708 Transcript of task force interviews.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/19, 109pp. ,48X:19404-024,ODI:B&W 0361 ,TN:GB06

IRRELEVANT

8307080709 Transcript of interview w/util crew not directly involved in 790328 accident.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:82/01/21, 288pp. ,48X:19404-134,ODI:B&W 0362 ,TN:GB06

IRRELEVANT

8307080714 Summary of interview w/B Mehler.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:80/01/29, 1p. ,48X:19405-063,ODI:B&W 0364 ,TN:GB06

IRRELEVANT

8307080717 Forwards results,conclusions & recommendations re Task 1, Subtask 4 & Task 2,Subtasks 5 & 7 concerning TMI-2 accident review.

KITTELSON,L.L. :Metropolitan Edison Co.  
TSAGGARIS,A. :Metropolitan Edison Co.  
DATE ISS:79/09/28, 21pp. ,48X:19405-064,ODI:B&W 0365 ,TN:GB06

IRRELEVANT

8307080720 "Task 2 Rationale for Operation/Staff Response Subtask 8 - Define Why HPI was Modulated."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/03, 3pp. ,48X:19405-084,ODI:B&W 0366 ,TN:GB06

6.18

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080103 Telcon w/Fred to discuss facility cooldowns. Caused by  
electromagnetic relief valve stuck open.

POTTS, W.E. :Metropolitan Edison Co.  
:Toledo Edison Co.  
DATE ISS:78/11/08, 1p. ,48X:19334-129,ODI:B&W 0384 ,TN:GB06 IRRELEVANT

8307080103 Telcon w/Fred to discuss facility cooldowns. Caused by  
electromagnetic relief valve stuck open.

POTTS, W.E. :Metropolitan Edison Co.  
:Toledo Edison Co.  
DATE ISS:78/11/08, 1p. ,48X:19334-129,ODI:B&W 0384 ,TN:GB06 IRRELEVANT

8307080120 Small break LOCA flow chart.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:83/07/07, 1p. ,48X:19334-075,ODI:B&W 0385 ,TN:GB06 IRRELEVANT

8307080633 "Rept on Primary Safety Valve Leakage."

KUNDER, G.A. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:74/12/02, 28pp. ,48X:19394-066,ODI:B&W 0422 ,TN:GB06 IRRELEVANT

8307080634 Figure 51, "TMI-2 LOCA 790328 Reactor Bldg Temp & Pressure."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:82/02/12, 1p. ,48X:19394-178,ODI:B&W 0423 ,TN:GB06 IRRELEVANT

8307080639 Resume of Q Billingsley.

BILLINGSLEY, Q. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/02/18, 1p. ,48X:19394-159,ODI:B&W 0427 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

- 8307110665 Informs that QA & purchase order records pertinent to electromatic relief valve investigation found. Addl info needed includes failure data, maint & surveillance records & valve installation locatjns.  
BILLINGSLEY, Q. :General Public Utilities - GPU Service Corp.  
LONG, R.L. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/25, 3pp. ,48X:19440-290, ODI:B&W 0435 ,TN:GB06 IRRELEVANT
- 8307110669 Outlines task for electromatic relief valve.
- \* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/07/11, 2pp. ,48X:19440-293, ODI:B&W 0436 ,TN:GB06 IRRELEVANT
- 8307110672 Operational log. Summary of mod to electromatic relief valve.
- \* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/08/22, 2pp. ,48X:19440-295, ODI:B&W 0437 ,TN:GB06 IRRELEVANT
- 8307110675 Operational log. Summary of valve failures from 770817-780803.
- \* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:78/08/03, 6pp. ,48X:19440-297, ODI:B&W 0438 ,TN:GB06 IRRELEVANT
- 8307110679 Informs that w/exception of pressurizer relief valve upstream temps, radwaste disposal/reactor coolant temp recorder data cannot be relied on. Charts encl.  
STUBBS, J. :General Public Utilities - GPU Service Corp.  
BILLINGSLEY, Q. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/01/23, 38pp. ,48X:19440-303, ODI:B&W 0439 ,TN:GB06 IRRELEVANT
- 8307110683 Operational log. Summary of reactor coolant drain tank pumping for 790204-790327.
- \* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/10/16, 3pp. ,48X:19441-007, ODI:B&W 0440 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

- 8307110713 Forwards summary of test procedures & equipment for  
electromatic relief valve RC-RC2. Early meeting to discuss  
other problems requested.
- BOLGER, F.P. :Dresser Industries, Inc.  
COTTER, W.W. :Metropolitan Edison Co.  
DATE ISS:76/03/29, 5pp. ,48X:19441-072, ODI:B&W 0447 ,TN:GB06 IRRELEVANT
- 8307110715 Certifies that valves furnished on Order 020190LS, inspected  
& tested & comply w/required specs. Component insp repts  
encl.
- \* :Dresser Industries, Inc.  
:Babcock & Wilcox Co.  
DATE ISS:69/12/01, 11pp. ,48X:19441-077, ODI:B&W 0448 ,TN:GB06 IRRELEVANT
- 8307110716 Field Questionnaire 2529 re RCS electromatic relief valve  
operation.
- \* :Burns & Roe Co.  
:;  
DATE ISS:78/04/06, 10pp. ,48X:19441-116, ODI:B&W 0449 ,TN:GB06 IRRELEVANT
- 8307110640 Field Questionnaire 1874 re Drawing 3079 Sheet 14, Rev 14  
concerning fuse installation.
- \* :Burns & Roe Co.  
:;  
DATE ISS:77/05/25, 5pp. ,48X:19441-126, ODI:B&W 0450 ,TN:GB06 IRRELEVANT
- 8307110646 Field Change Request FCR-188 re electromatic relief valve.
- CODY, J.P. :Burns & Roe Co.  
:;  
DATE ISS:77/02/02, 32pp. ,48X:19441-131, ODI:B&W 0451 ,TN:GB06 IRRELEVANT
- 8307110651 Certifies that valve furnished on Order 022330LS inspected,  
tested & found in accordance w/specs, drawings &  
requirements.
- THOMAS, R.R. :Dresser Industries, Inc.  
:Babcock & Wilcox Co.  
DATE ISS:72/01/24, 3pp. ,48X:19441-191, ODI:B&W 0452 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110685 Requests review of draft rept re reactor coolant makeup  
pump computer indicator.

WALLACE, E. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:82/02/19, 2pp. ,48X:19442-174, ODI:B&W 0459 ,TN:GB06 IRRELEVANT

8307090258 Forwards current list of outstanding questions on  
operational sequence of events.

ANKRUM, A.R. :Stafco, Inc.  
MCEWEN, J. :Stafco, Inc.  
DATE ISS:79/11/26, 9pp. ,48X:19413-130, ODI:B&W 0511 ,TN:GB06 IRRELEVANT

8307060620 Drawings of integrated control sys subsystems, including  
reactor demand subsystem & feedwater subsystem.

\* :Babcock & Wilcox Co.  
DATE ISS:82/02/25, 500pp. ,48X: - , ODI:B&W 0525 ,TN:GB06 IRRELEVANT

8307060615 "Horse Book Update."

\* :Babcock & Wilcox Co.  
DATE ISS:82/02/25, 1133pp. ,48X:19305-302, ODI:B&W 0526 ,TN:GB06 6.22

8307090317 "Integrated Control Sys," videotape training manual.

\* :Babcock & Wilcox Co.  
DATE ISS:82/02/25, 982pp. ,48X:19413-235, ODI:B&W 0527 ,TN:GB06 6.22

8307060605 "Reactor Theory Review:1978-79 Requal Review Course."

\* :Babcock & Wilcox Co.  
DATE ISS:79/12/31, 715pp. ,48X:19303-307, ODI:B&W 0529 ,TN:GB06 6.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

- 8307080719 Forwards App 5 to "Evaluation of Transient Behavior & Small  
RCS Breaks in 177 Fuel Assembly Plant," in response to  
780427,790123 & 0208 ltrs. Response to NRC request for addl  
info to be submitted shortly, completing record.  
LIGHTLE, R.E. :Babcock & Wilcox Co.  
PATTERSON, D.R. :Tennessee Valley Authority  
DATE ISS:79/05/29, 1p. ,48X:19418-023, ODI:B&W 0544 ,TN:GB06 IRRELEVANT
- 8307080742 Reviews sequence of events & causes of TMI-2 accident.
- \* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:83/07/08, 8pp. ,48X:19418-070, ODI:B&W 0553 ,TN:GB06 IRRELEVANT
- 8307090391 Forwards updated status of TMI-2 "Outstanding NRC Licensing  
Issues."
- LANESE, L.C. :General Public Utilities - GPU Service Corp.  
BARTON, J.J. :General Public Utilities - GPU Service Corp.  
DATE ISS:75/11/19, 11pp. ,48X:19395-308, ODI:B&W 0604 ,TN:GB06 6.2
- 8307210306 "Three Mile Island Unit 2 Control Room Layout & Location of  
Critical Indications."
- \* :Babcock & Wilcox Co.  
:  
DATE ISS:82/04/01, 1p. ,48X:19694-318, ODI:B&W 0609 ,TN:GB06 IRRELEVANT
- 8307090388 Transcript of 790423 IE TMI investigation interview w/FJ  
Scheimann. Pp 1-54.
- \* :Metropolitan Edison Co.  
:  
DATE ISS:79/04/23, 55pp. ,48X:19443-048, ODI:B&W 0610 ,TN:GB06 6.1, 6.12
- 8307090392 Summary of B&W Owners Group Reactor Vessel Supports  
Subcommittee 771117 meeting re C-E Users Group licensing  
experience.
- \* :Babcock & Wilcox Co.  
:Florida Power Corp.  
DATE ISS:77/11/17, 2pp. ,48X:19443-188, ODI:B&W 0611 ,TN:GB06 IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090256 Marked-up copy of rept re TMI-2 incident possible causes & solutions.

\* :Babcock & Wilcox Co.

DATE ISS:79/04/07, 13pp. ,48X:19399-176,ODI:B&W 0674 ,TN:GB06

6.1, 6.12

8307090334 Comments on Rev 1 to preliminary annotated sequence of events for 790328 accident.

COBEAN, W.R. :Burns & Roe Co.

LONG, R.L. :General Public Utilities - GPU Service Corp.

DATE ISS:79/07/20, 1p. ,48X:19400-343,ODI:B&W 0690 ,TN:GB06

IRRELEVANT

8307110724 Requests formation of fire member task force to complete investigation of encl seven specific issues re 790328 incident.

ARNOLD, R.C. :General Public Utilities - GPU Service Corp.

KEATEN, R.W. :General Public Utilities - GPU Service Corp.

DATE ISS:79/06/27, 5pp. ,48X:19445-169,ODI:B&W 0694 ,TN:GB06

IRRELEVANT

8307110732 Submits questions re TMI-2 incident on 790328.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/06/13, 3pp. ,48X:19445-177,ODI:B&W 0697 ,TN:GB06

IRRELEVANT

8307110735 Submits tasks & subtasks for task teams.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/07/09, 16pp. ,48X:19445-180,ODI:B&W 0698 ,TN:GB06

IRRELEVANT

8307110739 Forwards first rough draft, "GPU Task Force Interim Summary Rept."

KEATON, R.W. :General Public Utilities - GPU Service Corp.

:General Public Utilities - GPU Service Corp.

DATE ISS:79/09/28, 1p. ,48X:19446-002,ODI:B&W 0699 ,TN:GB06

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090022 Forwards draft "Loss of Feedwater Flow Leading to Accident of 790328," for master task force presentation.

LUCIEN, K. :Energy Incorporated  
:Energy Incorporated

DATE ISS:79/09/01, 263pp. ,48X:19448-128,ODI:B&W 0718 ,TN:GB06

IRRELEVANT

8307120252 Discusses items & assignment of responsibilities needed to address NRC IE investigation draft report findings. Initial response requested by 790822 & final response by 790912.

WALLACE, E.G. :General Public Utilities - GPU Service Corp.  
BEHRLE, W.H. :General Public Utilities - GPU Service Corp.

DATE ISS:79/08/06, 3pp. ,48X:19454-130,ODI:B&W 0730 ,TN:GB06

IRRELEVANT

8307120285 Transcript of W Zewe on 791115 in Harrisburg, PA before US Senate Subcommittee on Nuclear Regulation of Committee on Environ & Public Works. Pp 1-40.

ZEWE, W. :Metropolitan Edison Co.

DATE ISS:79/11/15, 44pp. ,48X:19455-227,ODI:B&W 0740 ,TN:GB06

6.12

8307120288 Procedures 10.4.6 & 10.4.7 re condensate polishing sys & condensate & feedwater sys.

\* :Babcock & Wilcox Co.

DATE ISS:82/05/25, 11pp. ,48X:19455-299,ODI:B&W 0742 ,TN:GB06

IRRELEVANT

8307090366 Diagram of TMI-2 Control Room Layout & Location of Critical Indications.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:82/05/25, 1p. ,48X:19492-187,ODI:B&W 0745 ,TN:GB06

IRRELEVANT

8307120301 Draft transcript of 790412 interview w/w Zewe.

ZEWE, W. :Metropolitan Edison Co.

DATE ISS:79/04/12, 67pp. ,48X:19456-003,ODI:B&W 0748 ,TN:GB06

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307130323 Transcript of ACRS 230th general meeting on 790615 in Washington, DC. Pp 262-576. Transcript incomplete.

\* :ACRS - Advisory Committee on Reactor Safeguards  
: DATE ISS:79/06/15, 22pp. ,48x:19500-337,ODI:B&W 0760 ,TN:GB06 IRRELEVANT

8307120341 Transcript of interview w/w Zewe.

ZEWE, W. :Metropolitan Edison Co.  
: DATE ISS:82/05/28, 16pp. ,48x:19456-177,ODI:B&W 0761 ,TN:GB06 IRRELEVANT

8307130326 Requests approval of ancl Change Mod 2-0298, to connecting open light for Unit 2 RCS RC=RV2 to limit switch.

SHOVLIN, D.M. :Metropolitan Edison Co.  
KLINGAMAN, R.M. :Metropolitan Edison Co.  
: DATE ISS:79/01/30, 17pp. ,48x:19501-001,ODI:B&W 0767 ,TN:GB06 6.6, 6.12

8307090135 Category H Exam Reactory Theory.

SHERMAN, F.J. :Babcock & Wilcox Co.  
: DATE ISS:78/04/05, 64pp. ,48x:19453-030,ODI:B&W 0790 ,TN:GB06 IRRELEVANT

8307090139 Notes discussing heat transfer.

\* :Babcock & Wilcox Co.  
: DATE ISS:82/06/09, 7pp. ,48x:19453-097,ODI:B&W 0792 ,TN:GB06 IRRELEVANT

8307090170 Comments on 781120 memo re several items concerning 781107 event for consideration. No addl actions identified prior to resumption of power.

ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
HERBEIN, J.G. :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/11/27, 6pp. ,48x:19454-032,ODI:B&W 0834 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090342 Forwards third draft investigative task force summary report  
re TMI accident. Rept reflects revs discussed during  
791011-12 meetings. Comments requested by 791022.

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
: General Public Utilities - GPU Service Corp.  
DATE ISS: 79/10/17, 77pp. , 48X: 19400-185, ODI: B&W 0907 , TN: GB06 IRRELEVANT

8307090351 "Pressurizer, Lecture Outline."

HAWKINS, T. : Babcock & Wilcox Co.  
:   
DATE ISS: 82/08/17, 13pp. , 48X: 19401-126, ODI: B&W 0910 , TN: GB06 IRRELEVANT

8307090355 "DHR Sys, Lecture Outline."

POJE, S.G. : Babcock & Wilcox Co.  
:   
DATE ISS: 82/08/17, 6pp. , 48X: 19401-083, ODI: B&W 0911 , TN: GB06 IRRELEVANT

8307090359 "ESF, Shift Technical Engineer Briefing Notes."

PERRY, M.J. : Babcock & Wilcox Co.  
:   
DATE ISS: 82/08/17, 36pp. , 48X: 19401-089, ODI: B&W 0912 , TN: GB06 6.3

8307090384 Transcript of IE interview of H Hartman on 790522.

HARTMAN, H. : General Public Utilities - GPU Service Corp.  
:   
DATE ISS: 79/05/22, 61pp. , 48X: 19486-275, ODI: B&W 1021 , TN: GB06 IRRELEVANT

8307130382 Transcript of HW Hartman 791029 deposition in Lancaster, PA  
by NRC Special Inquiry Group.

HARTMAN, H.W. : General Public Utilities - GPU Service Corp.  
:   
DATE ISS: 79/10/09, 59pp. , 48X: 19501-209, ODI: B&W 1022 , TN: GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120786 Discharge line temps for 790131-0327.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/12, 2pp. ,48X:19462-008,ODI:B&W 4010 ,TN:GB06 IRRELEVANT

8307120790 Daily plant status rept for 790131-0327.

\* :Babcock & Wilcox Co.  
: DATE ISS:79/01/31, 56pp. ,48X:19462-010,ODI:B&W 4010A ,TN:GB06 IRRELEVANT

8307090279 Transcript of ACRS Subcommittee on TMI-2 790606 meeting in  
Middletown,PA.Pp 1-192.

\* :ACRS - Advisory Committee on Reactor Safeguards  
: DATE ISS:79/06/06, 227pp. ,48X:19487-104,ODI:B&W 4012 ,TN:GB06 IRRELEVANT

8307120646 Submits questions re electromatic valve remaining open.

ZEW E,W.H. :Metropolitan Edison Co.  
: :Metropolitan Edison Co.  
: DATE ISS:83/07/11, 3pp. ,48X:19462-295,ODI:B&W 4013 ,TN:GB06 IRRELEVANT

8307120750 Testimony of C Michelson on 790906 in Bethesda,MD.Pp 1-63.

MICHELSON,C. :Tennessee Valley Authority  
: DATE ISS:79/09/06, 63pp. ,48X:19463-061,ODI:B&W 4029 ,TN:GB06 IRRELEVANT

8307090301 Request for transfer of 2 1/2 X 4 inch press safety valve  
tagged RC-R2 from Unit 2 to Unit 1 to maintain commercial  
operation.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:74/09/26, 1p. ,48X:19487-333,ODI:B&W 4031 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120691 Results of tests & special operations in progress during  
780411-19, including TP 800/21 & TP 710/1 FP physics testing  
re installing steam line from MFWP to 13th stage to supply  
FW heating & filling main generator w/hydrogen, respectively.  
HITZ, G.A. :General Public Utilities - GPU Service Corp.  
DATE ISS:78/04/19, 10pp. ,48X:19495-268,ODI:B&W 4040 ,TN:GB06 IRRELEVANT

8307120700 Deposition of JB Logan on 790805 in Harrisburg, PA. Pp 113-  
116.  
LOGAN, J.B. :Metropolitan Edison Co.  
DATE ISS:79/08/05, 5pp. ,48X:19495-278,ODI:B&W 4041 ,TN:GB06 IRRELEVANT

8307120711 Deposition of JB Logan on 790806 in Harrisburg, PA.  
Pp 145 & 166-167.  
LOGAN, J.B. :Metropolitan Edison Co.  
DATE ISS:79/08/06, 3pp. ,48X:19495-283,ODI:B&W 4042 ,TN:GB06 IRRELEVANT

8307120722 Deposition of D Shovlin on 820716 in New York, NY. Pp 149-152.  
SHOVLIN, D. :General Public Utilities - GPU Service Corp.  
DATE ISS:82/07/16, 5pp. ,48X:19495-286,ODI:B&W 4043 ,TN:GB06 IRRELEVANT

8307090323 Continued deposition of RC Arnold on 820630 in New York, NY.  
Pp 146 & 224-228.  
ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:82/06/30, 7pp. ,48X:19487-342,ODI:B&W 4044 ,TN:GB06 IRRELEVANT

8307120744 "Reactor Building Sumo."  
\* :Babcock & Wilcox Co.  
DATE ISS:83/07/11, 1p. ,48X:19495-297,ODI:B&W 4049 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307130108 Transcript of 790403 interview w/util.

\* :Director's Office, Office of Inspection and Enforcement  
DATE ISS:79/04/03, 3pp. ,48X:19497-004,ODI:B&W 5004BB ,TN:GB06 IRRELEVANT

8307090337 Interview w/Frederick on 790406.

FREDERICK :General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/06, 1p. ,48X:19487-356,ODI:B&W 5007BB ,TN:GB06 IRRELEVANT

8307010268 "Interim Rept of TMI-2 Occurrence, Technical Review  
Committee."

\* :Babcock & Wilcox Co.  
DATE ISS:79/05/25, 118pp. ,48X:19179-127,ODI:GPU 0004 ,TN:GB06 6.1, 6.12

8307010270 "Interim Rept of TMI-2 Occurrence, Technical Review  
Committee."

\* :Babcock & Wilcox Co.  
DATE ISS:79/06/08, 61pp. ,48X:19179-244,ODI:GPU 0005 ,TN:GB06 6.1, 6.12

8307010274 "Final Rept of TMI-2 Occurrence, Technical Review  
Committee."

\* :Babcock & Wilcox Co.  
DATE ISS:79/07/31, 234pp. ,48X:19179-316,ODI:GPU 0006 ,TN:GB06 6.1, 6.9, 6.12

8307020007 "Final Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
DATE ISS:83/06/30, 54pp. ,48X:19228-221,ODI:GPU 0007 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307020105 "Safety Aspects of Mulheim-Karlich Plant in View of TMI-2  
Accident."

\* :Babcock & Wilcox Co.

DATE ISS:79/05/31, 300pp. ,48X:19229-061,ODI:GPU 0032 ,TN:GB06

IRRELEVANT

8307010202 Discusses proposed positions re high point vents, primary  
ava water level measurements & void fraction monitoring.

RAMBO,G.E. :Babcock & Wilcox Co.

TAYLOR,J.H. :Babcock & Wilcox Co.

DATE ISS:79/12/20, 17pp. ,48X:19178-107,ODI:GPU 0033 ,TN:GB06

6.25

8307070548 Submits preliminary report of Safety Concern PSC 18-79 re  
plant operators panel instrumentation readout limited to  
2500 psia,below Tech Spec limit.Analysis concludes condition  
not reportable per 10CFR50.55e or 10CFR21.

TAYLOR,J.H. :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/07/05, 3pp. ,48X:19337-219,ODI:GPU 0071 ,TN:GB06

IRRELEVANT

8307070552 Submits preliminary report of Safety Concern PSC 25-79 re  
sequence of events identified during simulator training  
which could lead to saturated conditions in reactor core.  
Concern not reportable per 10CFR50.55e or 10CFR21.

ELLIOTT,N.S. :Babcock & Wilcox Co.

TAYLOR,J.H. :Babcock & Wilcox Co.

DATE ISS:79/09/06, 5pp. ,48X:19337-222,ODI:GPU 0072 ,TN:GB06

IRRELEVANT

8307120331 Recommends guidelines for customers re HPIS operation in  
light of recent events at Toledo site.

KELLY,J.J. :Babcock & Wilcox Co.

KARRASCH,B.A. :Babcock & Wilcox Co.

DATE ISS:77/11/01, 4pp. ,48X:19512-330,ODI:GPU 0076 ,TN:GB06

IRRELEVANT

8307120343 Comments on recommended change in B&W philosophy for HPI  
ava during low pressure transients.

HALLMAN,D.F. :Babcock & Wilcox Co.

KARRASCH,B.A. :Babcock & Wilcox Co.

DATE ISS:78/08/03, 2pp. ,48X:19512-339,ODI:GPU 0080 ,TN:GB06

IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
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8307020250 Lists 10 lessons learned from TMI-2 incident. Total product, hardware, software & svcs, not adequate to prevent long duration loss of control of plant & most severe damage to core first lesson learned.  
KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS: 79/06/11, 2pp. ,48X:19225-185, ODI:GPU 0147 ,TN:GB06 IRRELEVANT

8307080582 Lists top ten lessons learned from TMI-2.  
  
KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS: 79/06/11, 2pp. ,48X:19489-314, ODI:GPU 0213 ,TN:GB06 6.6

8307080591 Requests draft task descriptions for top ten lessons learned from TMI-2 by 790618.  
  
ROY, D.H. :Babcock & Wilcox Co.  
FAHLAND, F.R. :Babcock & Wilcox Co.  
DATE ISS: 79/06/14, 5pp. ,48X:19489-318, ODI:GPU 0215 ,TN:GB06 6.9, 6.12, 6.13

8307080729 Minutes of 791108 & 30 staff meetings to review findings & recommendations of Technical Review Committee established after TMI-2 accident.  
  
BALL, R.M. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS: 79/12/07, 29pp. ,48X:19490-014, ODI:GPU 0232 ,TN:GB06 6.19

8307080734 Submits action/info items resulting from JH MacMillan 791130.1201 staff meeting at Wintergreen.  
  
KOSIBA, R.E. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS: 79/12/18, 3pp. ,48X:19490-044, ODI:GPU 0233 ,TN:GB06 IRRELEVANT

8307120660 Discusses lack of prompt notification to TMI re substantial safety hazard. Proper customer notification will be provided by licensing.  
  
TAYLOR, J.H. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS: 78/02/10, 3pp. ,48X:19493-124, ODI:GPU 0254 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

- 8307090066 Responds to 790405 questions re analyses of LOMFW flow for 177 & 205 FA plants based on analytical results obtained from CADDs simulation studies of TMI-2 event.
- LABELLE, D.W. :Babcock & Wilcox Co.  
ROY, D.H. :Babcock & Wilcox Co.  
DATE ISS:79/04/30, 4pp. ,48X:19490-227,ODI:GPU 0288 ,TN:GB06 6.8
- 8307090093 Discusses problem of once-through steam generator dry out in 1-2 minutes following loss of feedwater. New safety criteria requiring all plants to have turbine trip initiated by loss of feedwater indication recommended solution.
- LABELLE, D.W. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:79/05/08, 1p. ,48X:19490-296,ODI:GPU 0293 ,TN:GB06 IRRELEVANT
- 8307090097 Comments on proposed ANS paper. Reader must work too hard to get message.
- \* :Babcock & Wilcox Co.  
LABELLE, D.W. :Babcock & Wilcox Co.  
DATE ISS:80/01/08, 9pp. ,48X:19490-297,ODI:GPU 0294 ,TN:GB06 IRRELEVANT
- 8307090101 Summarizes Pressurizer Level Investigation/Instruction 196. Potential sources of measurement error examined & simulations of accident run.
- FAIRBROTHER, D. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/12, 28pp. ,48X:19490-306,ODI:GPU 0295 ,TN:GB06 IRRELEVANT
- 8307090104 Requests review of proposed operating instruction re pressurizer relief valve. Procedure should be implemented for all operating reactors if approved.
- SWANSON, E.W. :Babcock & Wilcox Co.  
KANE, E.R. :Babcock & Wilcox Co.  
DATE ISS:79/04/05, 1p. ,48X:19490-334,ODI:GPU 0296 ,TN:GB06 IRRELEVANT
- 8307090121 "Review of Sequence of Events Leading to Incident at TMI-2 on 790328."
- LABELLE, D.W. :Babcock & Wilcox Co.  
:  
DATE ISS:81/06/04, 13pp. ,48X:19490-344,ODI:GPU 0300 ,TN:GB06 6.8

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060484 Forwards scoping plans & schedules for responding to TMI-2 concerns, tasks on verification of as-built data & high point venting.

KARRASCH, B.A. :Babcock & Wilcox Co.  
FAHLAND, F.R. :Babcock & Wilcox Co.  
DATE ISS:79/06/13, 7pp. ,48X:19302-153,ODI:GPU 0382 ,TN:GB06 6.25

8307060505 Submits monthly activities rept for Oct 1978.

KARRASCH, B.A. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:78/10/31, 5pp. ,48X:19302-187,ODI:GPU 0389 ,TN:GB06 IRRELEVANT

8307060507 Monthly activities rept for Aug 1978.

KERRASCH, B.A. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:78/09/01, 4pp. ,48X:19302-192,ODI:GPU 0390 ,TN:GB06 IRRELEVANT

8307060528 Part 21 rept re visual linear defects in ASME III Class 2 core flooding sva isolation valve & unacceptable indications in six ASME III Class 1 decay heat sva isolation valves at WPPSS. Cause will be investigated.

TAYLOR, J.H. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/12/13, 6pp. ,48X:19302-216,ODI:GPU 0398 ,TN:GB06 IRRELEVANT

8307120706 Forwards recommendation for PORV position indicator. Methods should be tested in lab simulating actual plant installation.

CASTANES, J.A. :Babcock & Wilcox Co.  
KANE, E.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/22, 8pp. ,48X:19461-009,ODI:GPU 0399 ,TN:GB06 6.12

8307120710 Resume of JD Phinney.

PHINNEY, J.D. :Babcock & Wilcox Co.  
DATE ISS:82/01/13, 3pp. ,48X:19461-017,ODI:GPU 0403 ,TN:GB06 IRRELEVANT

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- 8307060646 Forwards NRC 770930 ltr to util & B&W 771005 & 07 ltrs re depressurization incident at Davis-Besse. Assigned responsibility & suggested content of sections for incident rept inout submitted. WA for man & computer hours requested.  
LAUER, J.A. :Babcock & Wilcox Co.  
DAVIS, R.B. :Babcock & Wilcox Co.  
DATE ISS:77/10/11, 7pp. ,48X:19340-017,ODI:GPU 0431 ,TN:GB06 IRRELEVANT
- 8307060649 Forwards 771005 results of 771003 checkout of reactor coolant pumps, 771007 results of 771005 operational checkout & outline of 770924 incident re reactor trip at Davis-Besse. Increase in vertical vibration caused by loose connector.  
DEMPSEY, J.D. :Babcock & Wilcox Co.  
LAUER, J.A. :Babcock & Wilcox Co.  
DATE ISS:77/10/18, 8pp. ,48X:19340-039,ODI:GPU 0432 ,TN:GB06 IRRELEVANT
- 8307060651 Outline of "Mixed Flow Test - RC Pumps." Rept will prove capability of pumps to operate within emergency limits under mixed flow conditions.  
STANEK, L.J. :Babcock & Wilcox Co.  
DATE ISS:77/06/15, 2pp. ,48X:19340-047,ODI:GPU 0433 ,TN:GB06 IRRELEVANT
- 8307060654 Comments on effect of reactor coolant pump startup under small break LOCA conditions. Proof not conclusive that startup during small break LOCA will occur w/o difficulty. Most info suggests no effect. Calculations of test encl.  
CUDLIN, J.J. :Babcock & Wilcox Co.  
DUNN, B.M. :Babcock & Wilcox Co.  
DATE ISS:79/05/04, 6pp. ,48X:19340-056,ODI:GPU 0435 ,TN:GB06 IRRELEVANT
- 8307070014 Summarizes problems in small break operating guidelines & proposes program to rectify problems re reactor coolant pumps. Proposal will be submitted in Mar 1980 if funded in Jan 1980. Rejected 790502 proposal on emergency limits encl.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
HAM, R.E. :Babcock & Wilcox Co.  
DATE ISS:80/01/21, 15pp. ,48X:19340-066,ODI:GPU 0438 ,TN:GB06 IRRELEVANT
- 8307070028 Recommends that B&W site residents should be requested to submit immediate notification of PORV operation situations. Prompt feedback to JD Carlson requested.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
ELLISON, K.R. :Babcock & Wilcox Co.  
DATE ISS:79/06/08, 1p. ,48X:19340-083,ODI:GPU 0441 ,TN:GB06 IRRELEVANT

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- 8307130176 Submits clarification re small break LOCA analysis N4M-2-14(AR), in response to 790125 ltr. Appropriate explanation for not requiring "thermal balance" requested by 790315.  
PATTERSON, D.R. :Tennessee Valley Authority  
MCFARLAND, J. :Babcock & Wilcox Co.  
DATE ISS:79/02/28, 2pp. ,48X:19503-273,ODI:GPU 0476 ,TN:GB06 IRRELEVANT
- 8307060458 Summary of 781204 telephone conference w/B&W re ECCS Small Break Analysis N4M-2-14 - response to K-5020.  
  
SIMMONS, R.L. :Tennessee Valley Authority  
:Tennessee Valley Authority  
DATE ISS:79/08/03, 4pp. ,48X:19340-241,ODI:GPU 0480 ,TN:GB06 IRRELEVANT
- 8307060518 Compares B&W & TVA positions following 781204 telcon on small break LOCA analysis. B&W failed to evaluate Michelson rept in sufficient detail to respond to TVA 781204 telcon questions.  
\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/03, 3pp. ,48X:19340-248,ODI:GPU 0482 ,TN:GB06 IRRELEVANT
- 8307060520 Response to questions re effect of double-ended rupture of up to three tubes during LOCA on capability to reflood & cool core per 10CFR50, App K requirements.  
\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:77/11/30, 11pp. ,48X:19340-251,ODI:GPU 0484 ,TN:GB06 IRRELEVANT
- 8307130197 Procedure 67-1003781-00 "Plant Limits & Precautions."  
  
HARRIS, B. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/01/30, 172pp. ,48X:19504-001,ODI:GPU 0485 ,TN:GB06 IRRELEVANT
- 8307060524 "Nuclear Svc Site Ofc Rept 59 for 770916-1009."  
  
FAIST, F. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:77/10/10, 5pp. ,48X:19340-264,ODI:GPU 0487 ,TN:GB06 IRRELEVANT

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NRC SPECIAL REPORT

- 8307060598 Summarizes Pressurizer Level Investigation/Instruction 196.  
Memos re pressurizer level measurement, surge line  
configuration & design criteria & level error evaluation,  
encl.  
FAIRBROTHER, D. :Babcock & Wilcox Co.  
CARLTON, J.D. :Babcock & Wilcox Co.  
DATE ISS:79/04/12, 29pp. ,48X:19341-003,ODI:GPU 0507 ,TN:GB06 IRRELEVANT
- 8307070382 Discusses near-term design improvements identified in 790416  
meeting w/ACRS. Mods will provide operators w/more positive  
indication of PORV position & saturated temp condition  
indicator for RCS.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DENTON, H.R. :Office of Nuclear Reactor Regulation, Director  
DATE ISS:79/04/26, 1p. ,48X:19341-109,ODI:GPU 0534 ,TN:GB06 6.12, 6.25
- 8307070401 Discusses top 10 lessons learned from TMI-2 accident.  
  
BERGER, D.W. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/05, 10pp. ,48X:19341-112,ODI:GPU 0536 ,TN:GB06 6.25
- 8307070430 Summary of 790723 meeting w/Duke Power Co re B&W NSSS,  
including nuclear & fossil operations, integrated control  
sys, feedwater sys & once-through steam generators.  
ESLEECK, S.H. :Babcock & Wilcox Co.  
EMBREY, N.S. :Babcock & Wilcox Co.  
DATE ISS:79/07/30, 8pp. ,48X:19341-239,ODI:GPU 0540 ,TN:GB06 6.25
- 8307070447 Forwards surveillance instructions sent to customers re  
previous PORV failures.  
  
HALLMAN, D.F. :Babcock & Wilcox Co.  
MULLIN, J.G. :Babcock & Wilcox Co.  
DATE ISS:79/09/10, 9pp. ,48X:19341-257,ODI:GPU 0544 ,TN:GB06 IRRELEVANT
- 8307130356 Resume of RL Pittman.  
  
PITTMAN, R.L. :Babcock & Wilcox Co.  
DATE ISS:83/07/13, 2pp. ,48X:19503-361,ODI:GPU 0572 ,TN:GB06 IRRELEVANT

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NRC SPECIAL REPORT

8307120819 Facility change request re provision of indication lights in control room to indicate valve or valve lever condition & automatic closure of isolation valve RC-11. Drawings & external ltrs encl.  
STALTER, G. : Toledo Edison Co.  
DATE ISS: 77/09/27, 59pp. , 48X:19494-168, ODI:GPU 2008 , TN:GB06 6.12

8307120823 Informs of review of available data re 770924 transient in which reactor coolant pressure dropped. No degradation of safety considered & facility may be operated as designed.  
LAZAR, A.H. : Babcock & Wilcox Co.  
DOMECK, C.R. : Toledo Edison Co.  
DATE ISS: 77/10/05, 2pp. , 48X:19494-227, ODI:GPU 2009 , TN:GB06 IRRELEVANT

8307070264 Forwards LER 77-016/01T-0 & supplemental info sheet.  
EVANS, J. : Toledo Edison Co.  
KEPPLER, J.G. : Region 3, Chicago, Office of the Director  
DATE ISS: 77/10/07, 1p. , 48X:19367-001, ODI:GPU 2010 , TN:GB06 IRRELEVANT

8307120828 Responds to 771006 telcon requesting addl info re basis of conclusions concerning review data of 770924 depressurization event. Considerations which conclusions based on listed.  
LAZER, A.H. : Babcock & Wilcox Co.  
DOMECK, C.R. : Toledo Edison Co.  
DATE ISS: 77/10/07, 3pp. , 48X:19494-229, ODI:GPU 2011 , TN:GB06 IRRELEVANT

8307120833 Provides writeups to substantiate conclusions BWT-1578 & 1579 in 771005 & 07 ltrs, re 770924 depressurization event. Categories in write ups listed.  
LAZAR, A.H. : Babcock & Wilcox Co.  
DOMECK, C.R. : Toledo Edison Co.  
DATE ISS: 77/11/01, 32pp. , 48X:19494-232, ODI:GPU 2012 , TN:GB06 IRRELEVANT

8307120837 Supplementals 771101 ltr re input for rept concerning 770924 depressurization event. Write up evaluating reactor coolant components encl.  
LAZAR, A.H. : Babcock & Wilcox Co.  
DOMECK, C.R. : Toledo Edison Co.  
DATE ISS: 77/11/07, 4pp. , 48X:19494-264, ODI:GPU 2013 , TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120948 Time vs pressure graph of reactor trip & cooldown on 720423.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:78/04/23, 1p. ,48X:19503-184,ODI:GPU 2053 ,TN:GB06 IRRELEVANT

8307110725 Rev 4 to Operating Procedure 2101-1.1 for TMI-2, "Nuclear Plant Limits & Precautions."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:78/08/08, 72pp. ,48X:19485-179,ODI:GPU 2065 ,TN:GB06 IRRELEVANT

8307110318 Forwards Zewe review of control room alarms vs Tech Spec setpoints, Alarm setpoint adjustment to Tech Spec conservative requirements requested. Due date on 781201.

SEELINGER, J.L. :General Public Utilities - GPU Service Corp.  
PORTER, J. :General Public Utilities - GPU Service Corp.  
DATE ISS:78/11/05, 7pp. ,48X:19483-294,ODI:GPU 2067 ,TN:GB06 IRRELEVANT

8307080017 Transcript of President's Commission on Accident at TMI third meeting on 790530 in Washington, DC. Pp 1-210. W/o Pp 5-112.

\* :President's Commission on the Accident at Three Mile Island  
:;  
DATE ISS:79/05/30, 103pp. ,48X:19338-209,ODI:GPU 2069 ,TN:GB06 IRRELEVANT

8307110323 Discusses 771019 incident re water in instrument air lines at condensate polisher control panel & regeneration skid resulting in loss of feedwater condition. Cause not determined. Corrective actions to prevent recurrence listed.

\* :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:77/11/14, 4pp. ,48X:19483-307,ODI:GPU 2070 ,TN:GB06 IRRELEVANT

8307110327 Job Ticket C1137 (work request) for RC-RV-1A replacement due to leakage.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/02/09, 6pp. ,48X:19483-311,ODI:GPU 2072 ,TN:GB06 IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120888 "Steam Tables: Properties of Saturated & Superheated Steam  
From 0.08865 to 15,500 16 Per Square Inch Absolute  
Pressure."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/12, 5pp. ,48X:19499-344,ODI:GPU 2098 ,TN:G806 IRRELEVANT

8307120891 RCS temp & pressure determination of saturation from RCS  
wide range pressure & TAVE charts from 790328.

ZEW, W.H. :General Public Utilities - GPU Service Corp.

DATE ISS:82/11/30, 1p. ,48X:19499-349,ODI:GPU 2099 ,TN:G806 IRRELEVANT

8307080071 Forwards IE Insp Repts 50-289/78-23 & 50-320/78-36 on  
781204-08 & 12-14 & notice of violation.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support

HERBEIN, J.G. : Metropolitan Edison Co.

DATE ISS:79/01/09, 2pp. ,48X:19358-066,ODI:GPU 2103 ,TN:G806 6.19

8307080104 Forwards IE Insp Repts 50-289/79-01 & 50-320/79-01 on  
790108-11. No noncompliance noted.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support

HERBEIN, J.G. : Metropolitan Edison Co.

DATE ISS:79/01/29, 2pp. ,48X:19339-107,ODI:GPU 2105 ,TN:G806 IRRELEVANT

8307080127 Forwards IE Insp Rept 50-320/79-02 on 790130-31. No  
noncompliance noted.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support

HERBEIN, J.G. : Metropolitan Edison Co.

DATE ISS:79/02/07, 2pp. ,48X:19339-121,ODI:GPU 2106 ,TN:G806 IRRELEVANT

8307080355 Forwards IE Insp Repts 50-289/79-08 & 50-320/79-07 on  
790319-23 & 26. No noncompliance noted.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support

HERBEIN, J.G. : Metropolitan Edison Co.

DATE ISS:79/04/20, 2pp. ,48X:19339-142,ODI:GPU 2108 ,TN:G806 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120846 Recommends reduction of natural circulation level setpoint to 50% on operator range.

ROGERS, L.C. :Babcock & Wilcox Co.  
HERBAIN, J.G. :Metropolitan Edison Co.  
DATE ISS:74/07/31, 1p. ,48X:19497-022,ODI:GPU 2208 ,TN:GB06 IRRELEVANT

8307020254 "Analysis of TMI-2 Accident W/Continuous Operation of Reactor Coolant Pumps."

\* :General Public Utilities - GPU Service Corp.  
:.  
DATE ISS:82/12/31, 22pp. ,48X:19222-023,ODI:GPU 2213 ,TN:GB06 IRRELEVANT

8307120876 Submits final results of preliminary sys analysis, Task 27 as input to mechanical stress assessment of hardware components. All RCS mass inventory & energy conserved during core uncover & refill.

HIATT, R.M. :Babcock & Wilcox Co.  
VAMES, G.J. :Babcock & Wilcox Co.  
DATE ISS:79/11/16, 52pp. ,48X:19497-074,ODI:GPU 2222 ,TN:GB06 IRRELEVANT

8307130409 Operational log. Summary for 790201.

SMITH, B.G. :General Public Utilities - GPU Service Corp.  
:.  
DATE ISS:79/02/01, 4pp. ,48X:19497-216,ODI:GPU 2230 ,TN:GB06 IRRELEVANT

8307130010 Operational log. Summary for 790202.

SMITH, B.G. :General Public Utilities - GPU Service Corp.  
:.  
DATE ISS:79/02/02, 4pp. ,48X:19497-220,ODI:GPU 2231 ,TN:GB06 IRRELEVANT

8307130013 Unit 2 plant sys operational log for 790202-04.

\* :General Public Utilities - GPU Service Corp.  
:.  
DATE ISS:79/02/02, 2pp. ,48X:19497-224,ODI:GPU 2232 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080037 Graph of temp average for reactor trip in which automatic  
HPI occurred w/Oconee-3 750613 event.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:78/12/02, 1p. ,48X:19360-092,ODI:GPU 2326 ,TN:GB06

IRRELEVANT

8307080043 Graph of temp average for reactor trips in which automatic  
HPI occurred w/Davis Besse-1 770924 event.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:78/12/02, 1p. ,48X:19360-093,ODI:GPU 2327 ,TN:GB06

IRRELEVANT

8307080085 Figure 6.3-2, "Graph of Makeup Pump Characteristics."

\* :Metropolitan Edison Co.

DATE ISS:76/02/20, 1p. ,48X:19360-097,ODI:GPU 2331 ,TN:GB06

IRRELEVANT

8307080128 Procedures 31533VX-30 & 31533VX,w/& w/o bellows,  
respectively, "Instructions for Operating & Repairing  
Consolidated Electromatic Relief Valve."

\* :Dresser Industries, Inc.

DATE ISS:83/07/05, 31pp. ,48X:19361-042,ODI:GPU 2336 ,TN:GB06

IRRELEVANT

8307110758 Engineering change memo revising wiring per encl.

\* :Burns & Roe Co.  
:Burns & Roe Co.

DATE ISS:78/04/05, 6pp. ,48X:19483-148,ODI:GPU 2340 ,TN:GB06

IRRELEVANT

8307080107 "Figure 3,Graph of RCS Pressure,Saturation Pressure &  
Pressurizer."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/03/28, 1p. ,48X:19361-092,ODI:GPU 2341 ,TN:GB06

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080152 Tech Spec for electrically actuated relief valves for  
RCS svc.

\* :Babcock & Wilcox Co.

DATE ISS:70/01/07, 7pp. ,48X:19361-124,ODI:GPU 2403 ,TN:GB06 IRRELEVANT

8307080141 Recommends action to be taken on Contract 3-13 to prevent  
excessive cooldown that plant experienced during loss of  
station power.SPR=158,natural circulation level setpoint  
should be reduced to 50% on operate range.

KARRASCH,B.A. :Babcock & Wilcox Co.

PITTMAN,R.L. :Babcock & Wilcox Co.

DATE ISS:74/02/07, 2pp. ,48X:19361-131,ODI:GPU 2404 ,TN:GB06 IRRELEVANT

8307080146 Recommends operating guidelines for small breaks.

HALLMAN,D.F. :Babcock & Wilcox Co.

LEMON,J.E. :Babcock & Wilcox Co.

DATE ISS:79/10/09, 1p. ,48X:19361-133,ODI:GPU 2405 ,TN:GB06 IRRELEVANT

8307080162 Forwards questions re automated pump trip.

HALLMAN,D.F. :Babcock & Wilcox Co.

DUNN,B.M. :Babcock & Wilcox Co.

DATE ISS:79/09/17, 1p. ,48X:19361-143,ODI:GPU 2408 ,TN:GB06 IRRELEVANT

8307080172 Discusses weekly rept of 740202-08 re RCS.

PHINNEY,J.D. :Babcock & Wilcox Co.

BEACH,R.R. :Babcock & Wilcox Co.

DATE ISS:74/01/11, 2pp. ,48X:19361-144,ODI:GPU 2409 ,TN:GB06 IRRELEVANT

8307080191 Discusses 740126-0201 weekly rept re RCS.

PHINNEY,J.D. :Babcock & Wilcox Co.

BEACH,H.H. :Babcock & Wilcox Co.

DATE ISS:74/02/04, 2pp. ,48X:19361-146,ODI:GPU 2410 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080310 Requests managers of Plant Integration & QA review  
"Preliminary Rept of Safety Concern," PCS 10-78 re incorrect  
& incomplete LOCA analysis of small breaks.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
DATE ISS:78/04/25, 9pp. ,48X:19361-224, ODI:GPU 2429 ,TN:GB06 IRRELEVANT

8307080313 Draft of .04 square feet pump discharge break.  
\* :Babcock & Wilcox Co.  
: :  
DATE ISS:78/04/12, 4pp. ,48X:19361-233, ODI:GPU 2430 ,TN:GB06 IRRELEVANT

8307080318 Forwards Preliminary Rept of Safety Concern PSC 10-78 re  
small breaks at pump discharge on 177FA lowered loop plants.  
Preparation of evaluation & recommendations for corrective  
actions underway.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/04/12, 2pp. ,48X:19361-237, ODI:GPU 2431 ,TN:GB06 IRRELEVANT

8307080351 Feb Monthly Activities Rept.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
: :  
DATE ISS:79/02/28, 4pp. ,48X:19361-244, ODI:GPU 2435 ,TN:GB06 6.18

8307080354 Dec 1978 Progress Rept.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
: :  
DATE ISS:79/01/03, 4pp. ,48X:19361-248, ODI:GPU 2436 ,TN:GB06 IRRELEVANT

8307080397 Discusses possible solution to reactor coolant pump status  
during small LOCA.  
PARKS, C.E. :Babcock & Wilcox Co.  
: :  
DATE ISS:79/05/29, 2pp. ,48X:19361-266, ODI:GPU 2444 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080472 Field Change Request 122 to modify lever & bracket by  
installing new bushing type bearings on electromagnetic relief  
valve.  
\* :Babcock & Wilcox Co.  
DATE ISS:77/11/22, 13pp. ,48X:19361-298,ODI:GPU 2454 ,TN:GB06 IRRELEVANT

8307080492 Forwards revised applicable sections of limits & precautions  
for reactor coolant pumps & motors.  
ROGERS,L.C. :Babcock & Wilcox Co.  
TOOLE,R.J. :Metropolitan Edison Co.  
DATE ISS:77/05/20, 17pp. ,48X:19361-324,ODI:GPU 2458 ,TN:GB06 IRRELEVANT

8307080498 Submits recommendations for RCS lo-lo pressure alarm &  
electromagnetic relief valve reset pressure,per high  
pressure injection setpoint.  
ROGERS,L.C. :Babcock & Wilcox Co.  
TOOLE,R.J. :Metropolitan Edison Co.  
DATE ISS:78/09/29, 2pp. ,48X:19361-341,ODI:GPU 2459 ,TN:GB06 IRRELEVANT

8307080531 Forwards Dec activities rept for ECCS Analysis Unit.  
DUNN,B.M. :Babcock & Wilcox Co.  
WOMACK,E.A. :Babcock & Wilcox Co.  
DATE ISS:79/01/02, 3pp. ,48X:19362-018,ODI:GPU 2464 ,TN:GB06 IRRELEVANT

8307080573 "Small Break Operating Guidelines - Davis-Besse Unit 1."  
WALLMAN,D.F. :Babcock & Wilcox Co.  
DATE ISS:79/11/20, 37pp. ,48X:19362-025,ODI:GPU 2467 ,TN:GB06 IRRELEVANT

8307070253 Site Problem Rept 386 re electromagnetic relief valve mod on  
771013.Valve tested after completion of repairs.Valve closed  
six times but did not close on seventh test cycle.Caused by  
close tolerance causing binding condition.  
\* :Babcock & Wilcox Co.  
DATE ISS:78/03/27, 15pp. ,48X:19339-215,ODI:GPU 2469 ,TN:GB06 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120651 Release notice of B&W Document 86-1117415-00 re steam generator level adequacy during reflux mode.

ANDERSON, C.E. :Babcock & Wilcox Co.

DATE ISS:80/02/07, 5pp. ,48X:19495-187,ODI:GPU 2620 ,TN:GB06

IRRELEVANT

8307120655 Handwritten notes re RCS temp calculations.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 8pp. ,48X:19495-193,ODI:GPU 2622 ,TN:GB06

IRRELEVANT

8307120661 Handwritten notes re HPI calculations.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 5pp. ,48X:19495-201,ODI:GPU 2623 ,TN:GB06

IRRELEVANT

8307080797 Forwards list summarizing plant-specific impact of addition & control of auxiliary feedwater level to 40 ft in steam generators at B&W 205FA plants. Addition of wide range level sensing connections required.

CARTIN, L.R. :Babcock & Wilcox Co.

BURRIS, J.R. :Babcock & Wilcox Co.

DATE ISS:78/09/13, 7pp. ,48X:19491-313,ODI:GPU 2702 ,TN:GB06

IRRELEVANT

8307090001 Summarizes analyses re impact of controlling auxiliary feedwater to 40-ft level within steam generator during accident conditions when main feedwater unavailable. Tables encl.

CARTIN, L.R. :Babcock & Wilcox Co.

KARRASCH, B.A. :Babcock & Wilcox Co.

DATE ISS:78/11/15, 10pp. ,48X:19491-320,ODI:GPU 2703 ,TN:GB06

IRRELEVANT

8307090002 Discusses potential safety concern (PSC) re secondary side auxiliary feedwater control level. Positive 6-ft control approved in Summer, 1977. Return to 40-ft control studied. Potential obstructions nonexistent. PSC should be withdrawn.

DUNN, B.M. :Babcock & Wilcox Co.

TAYLOR, J.H. :Babcock & Wilcox Co.

DATE ISS:78/11/03, 6pp. ,48X:19491-330,ODI:GPU 2704 ,TN:GB06

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120632 "Make-up/Let-down Sys, Manual Injection Mode following  
Reactor Trip."

\* :Metropolitan Edison Co.

DATE ISS:83/07/12, 1p. ,48X:19504-346,ODI:GPU 3020 ,TN:GB06

IRRELEVANT

8307120635 "Make-up/Let-down Sys, Automatic Injection Mode."

\* :Metropolitan Edison Co.

DATE ISS:83/07/12, 1p. ,48X:19504-347,ODI:GPU 3021 ,TN:GB06

IRRELEVANT

8307120840 "Three Mile Island 790328." Graph illustrates points of  
which PORV isolated & sump pumps & Loops A & B secured in  
values of temp, pressure level & psia against time.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/12, 2pp. ,48X:19504-292,ODI:GPU 3136 ,TN:GB06

IRRELEVANT

8307120844 Graph of relation between steam or water PORV flow to one  
or two HPI pumps in flow vs pressure valves. Rept, "Analysis  
of RCS Make-up During TMI-2 Event," encl.

\* :EDS Nuclear, Inc.

DATE ISS:82/12/29, 50pp. ,48X:19504-294,ODI:GPU 3138 ,TN:GB06

IRRELEVANT

8307120848 "ASME Section III Safety Valve."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:78/11/01, 1p. ,48X:19504-344,ODI:GPU 3139 ,TN:GB06

IRRELEVANT

8307120883 "Analysis of RCS Make-up during TMI-2 Event."

\* :EDS Nuclear, Inc.

DATE ISS:82/12/29, 46pp. ,48X:19512-001,ODI:GPU 3148 ,TN:GB06

IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050387 Transcript of EA Womack deposition on 801208 in New York, NY.  
Pd 295-296.

WOMACK, E. A. : Babcock & Wilcox Co.

DATE ISS: 80/12/08, 3pp. , 48X: 19232-091, ODI: GPU 6013 , TN: GB06

IRRELEVANT

8307070234 Partial transcript of IE TMI investigation interview of  
C Faust on 790421.

FAUST, C. : General Public Utilities - GPU Service Corp.

DATE ISS: 79/04/21, 82pp. , 48X: 19357-289, ODI: GPU 6059A , TN: GB06

IRRELEVANT

8307070237 Partial transcript of IE interview of C Faust on 790421.  
Pd 45-52.

FAUST, C. : General Public Utilities - GPU Service Corp.

DATE ISS: 79/04/21, 8pp. , 48X: 19358-008, ODI: GPU 6059AA , TN: GB06

IRRELEVANT

8307120920 Excerpt from IE interview of B Mehler on 800327 re RCS  
inventory. Pd 5-12.

MEHLER, B. : General Public Utilities - GPU Service Corp.

DATE ISS: 80/03/27, 8pp. , 48X: 19512-279, ODI: GPU 6060AA , TN: GB06

IRRELEVANT

OUT OF SEQUENCE EXHIBITS

8307120727 Advises that preliminary rept of Safety Concern PSC  
16-79 will be provided upon completion.

TAYLOR, J. H. : Babcock & Wilcox Co.

KLEIN, S. H. : Babcock & Wilcox Co.

DATE ISS: 79/05/31, 7pp. , 48X: 19493-303, ODI: GPU 0262 , TN: GB06

IRRELEVANT

8307120911 Deposition of JD Agar on 820422 in New York, NY. Pp 1-121.

AGAR, J. D. : Babcock & Wilcox Co.

DATE ISS: 82/04/22, 122pp. , 48X: 19512-066, ODI: GPU 6010 , TN: GB06

IRRELEVANT

CATEGORY 7  
TRIAL TESTIMONY

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290671 Testimony of BM Dunn on 830120 in New York, NY. Pd 7,289-7,424.

DUNN, B.M. ;Babcock & Wilcox Co.

DATE ISS:83/01/20, 136pp. ,48X:19041-313,ODI: ,TN:GB07

7.2

8306290499 Testimony of ER Frederick on 821206 in New York, NY. Pd 3,216-3,377.

FREDERICK, E.R. ;General Public Utilities - GPU Service Corp.

DATE ISS:82/12/06, 161pp. ,48X:19030-204,ODI: ,TN:GB07

IRRELEVANT

8306290502 Testimony of ER Frederick on 821207 in New York, NY. Pd 3,378-3,559.

FREDERICK, E.R. ;General Public Utilities - GPU Service Corp.

DATE ISS:82/12/07, 181pp. ,48X:19031-004,ODI: ,TN:GB07

IRRELEVANT

8306290543 Testimony of ER Frederick on 821209 in New York, NY. Pd 3,734-3,906.

FREDERICK, E.R. ;General Public Utilities - GPU Service Corp.

DATE ISS:82/12/09, 172pp. ,48X:19031-361,ODI: ,TN:GB07

IRRELEVANT

8306290560 Testimony of ER Frederick on 821213 in New York, NY. Pd 3,990-4085.

FREDERICK, E.R. ;General Public Utilities - GPU Service Corp.

DATE ISS:82/12/13, 97pp. ,48X:19032-257,ODI: ,TN:GB07

IRRELEVANT

8306290631 Testimony of JH Holderness on 830103 in New York, NY. Pd 5,589-5,701.

HOLDERNESS, J.H. ;EDS Nuclear, Inc.

DATE ISS:83/01/03, 113pp. ,48X:19037-054,ODI: ,TN:GB07

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290634 Testimony of RJ Marzec on 830106 in New York, NY. Pd 6,082-6,232.

MARZEC, R.J. ; Duke Power Co.

DATE ISS: 83/01/06, 151pp. , 48X: 19038-186, ODI: , TN: GB07

IRRELEVANT

8306290638 Testimony of RJ Marzec on 830107 in New York, NY. Pd 6,233-6,359.

MARZEC, R.J. ; Duke Power Co.

DATE ISS: 83/01/07, 127pp. , 48X: 19038-337, ODI: , TN: GB07

IRRELEVANT

8307260345 Testimony of B Mehler on 830118 in New York, NY. Pd 6,954-6,994.

MEHLER, B. ; General Public Utilities - GPU Service Corp.

DATE ISS: 83/01/18, 41pp. , 48X: 19040-339, ODI: , TN: GB07

IRRELEVANT

8307260613 Testimony of C Michelson on 821223 in New York, NY. Pd 5,481-5,588.

MICHELSON, C. ; Director's Office

DATE ISS: 82/12/23, 108pp. , 48X: 19036-308, ODI: , TN: GB07

7.2

8307260071 Testimony of C Michelson on 830104 in New York, NY. Pd 5,912-5,921.

MICHELSON, C. ; Director's Office

DATE ISS: 83/01/04, 10pp. , 48X: 19038-015, ODI: , TN: GB07

IRRELEVANT

8307210407 Testimony of L Rodgers on 821212. Pd 5371-5446.

ROGERS, L. ; Babcock & Wilcox Co.

DATE ISS: 82/12/12, 76pp. , 48X: 19695-001, ODI: , TN: GB07

IRRELEVANT

U. S. NUCLFAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

OUT OF SEQUENCE TESTIMONY

8306290445 Testimony of RC Arnold on 821116 in New York, NY. Pd  
1,535-1,1715.

ARNOLD, R.C. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/16, 180pp. , 4RX: 19026-089, ODI: , TN: GB07 7.3

003037 RECORDS SCANNED 30 RECORDS PRINTED ( 3 RECORDS, 27 SUPP.)  
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**CATEGORY 7  
DEPOSITIONS**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290966 Deposition of LR Cartin on 820414 in New York, NY. Pp 114-214.

CARTIN, L. R. : Babcock & Wilcox Co.  
DATE ISS: 82/04/14, 100pp. , 48X: 19064-140, ODI: , TN: 0807 7.2

8306290929 Deposition of BM Dunn on 810319 in New York, NY. Pp 390-499.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/03/19, 114pp. , 48X: 19066-289, ODI: , TN: 0807 IRRELEVANT

8306290958 Deposition of BM Dunn on 810320 in New York, NY. Pp 500-602.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/03/20, 102pp. , 48X: 19068-193, ODI: , TN: 0807 7.2

8306290953 Deposition of BM Dunn on 810323 in New York, NY. Pp 603-725.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/03/23, 122pp. , 48X: 19068-070, ODI: , TN: 0807 IRRELEVANT

8306290950 Deposition of BM Dunn on 810324 in New York, NY. Pp 726-844.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/03/24, 121pp. , 48X: 19067-309, ODI: , TN: 0807 IRRELEVANT

8306290946 Deposition of BM Dunn on 810407 in New York, NY. Pp 845-968.

DUNN, B. M. : Babcock & Wilcox Co.  
DATE ISS: 81/04/07, 129pp. , 48X: 19695-299, ODI: , TN: 0807 7.2

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290705 Deposition of CC Faust on 810925 in 810925. Pp 713-898.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/09/25, 185pp. , 48X: 19074-212, ODI: , TN: 0807

IRRELEVANT

8306290727 Deposition of JR Floyd on 820219 in New York, NY. Pp 160-293.  
Supporting documentation encl.

FLOYD, J. R. : Metropolitan Edison Co.

DATE ISS: 82/02/19, 134pp. , 48X: 19076-241, ODI: , TN: 0807

IRRELEVANT

8306290733 Deposition of JR Floyd on 820428 in New York, NY. Pp 294-422.

FLOYD, J. R. : Metropolitan Edison Co.

DATE ISS: 82/04/28, 128pp. , 48X: 19077-014, ODI: , TN: 0807

IRRELEVANT

8306290736 Deposition of JR Floyd on 820429 in New York, NY. Pp 433-538.

FLOYD, J. R. : Metropolitan Edison Co.

DATE ISS: 82/04/29, 105pp. , 48X: 19077-144, ODI: , TN: 0807

IRRELEVANT

8306290738 Deposition of JR Floyd on 820430 in New York, NY. Pp 529-626.

FLOYD, J. R. : Metropolitan Edison Co.

DATE ISS: 82/04/30, 97pp. , 48X: 19077-250, ODI: , TN: 0807

IRRELEVANT

8306290720 Deposition of ER Frederick on 820507 in New York, NY.  
Pp 421-563.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/07, 142pp. , 48X: 19079-049, ODI: , TN: 0807

IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

B306290881 Deposition of JG Herbein on B20630 in New York, N. Y. Pp 1-184.

HERBEIN, J. G. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/06/30, 187pp. , 4BX: 19089-227, ODI: , TN: 0807 7.3

B307270534 Continued deposition of RC Jones on B10702 in New York, NY.  
Pp 278-358.

JONES, R. C. : Babcock & Wilcox Co.

DATE ISS: 81/07/02, 81pp. , 4BX: 19788-084, ODI: , TN: 0807 IRRELEVANT

B306290693 Deposition of ER Kane on B11215 in New York, NY. Pp 1-130.

KANE, E. R. : Babcock & Wilcox Co.

DATE ISS: 81/12/15, 131pp. , 4BX: 19092-245, ODI: , TN: 0807 IRRELEVANT

B306290698 Deposition of ER Kane on B11217 in New York, NY. Pp 252-373.

KANE, E. R. : Babcock & Wilcox Co.

DATE ISS: 81/12/17, 122pp. , 4BX: 19093-134, ODI: , TN: 0807 IRRELEVANT

B306290700 Deposition of ER Kane on B11218 in New York, NY. Pp 376-430.

KANE, E. R. : Babcock & Wilcox Co.

DATE ISS: 81/12/18, 66pp. , 4BX: 19093-257, ODI: , TN: 0807 IRRELEVANT

B306290976 Deposition of BA Karrasch on B10616 in New York, NY. Pp 1-98.

KARRASCH, B. A. : Babcock & Wilcox Co.

DATE ISS: 81/06/16, 98pp. , 4BX: 19093-313, ODI: , TN: 0807 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290776 Deposition of D LaBelle on 810602 in New York, NY. Pp 1-12B.

LABELLE, D. : Babcock & Wilcox Co.

DATE ISS: 81/06/02, 128pp. , 48X: 19104-016, ODI: , TN: 0807

IRRELEVANT

8306290782 Deposition of DW LaBelle on 810603 in New York, NY.  
Pp 129-251A.

LABELLE, D. W. : Babcock & Wilcox Co.

DATE ISS: 81/06/03, 124pp. , 48X: 19104-144, ODI: , TN: 0807

7.6

8306290785 Deposition of DW LaBelle on 810604 in New York, NY.  
Pp 252-340.

LABELLE, D. W. : Babcock & Wilcox Co.

DATE ISS: 81/06/04, 89pp. , 48X: 19104-268, ODI: , TN: 0807

IRRELEVANT

8306290836 Deposition of LC Lanese on 820324 in New York, NY. Pp 1-12B.

LANESE, L. C. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/03/24, 128pp. , 48X: 19125-001, ODI: , TN: 0807

IRRELEVANT

8306290827 Deposition of LC Lanese on 820325 in New York, NY. Pp 129-302.

LANESE, L. C. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/03/25, 174pp. , 48X: 19125-129, ODI: , TN: 0807

IRRELEVANT

8306290817 Deposition of LC Lanese on 820326 in New York, NY. Pp 303-468.

LANESE, L. C. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/03/26, 169pp. , 48X: 19125-304, ODI: , TN: 0807

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290842 Deposition of C Michelson on 820318 in Washington, DC. Pp 1-151. Supporting documentation encl.

MICHELSON, C. : Director's Office

DATE ISS: 82/03/18, 152pp. , 48X: 19133-079, ODI: , TN: 8B07 7.2

8306290848 Deposition of C Michelson on 820319 in Washington, DC. Pp 152-308.

MICHELSON, C. : Director's Office

DATE ISS: 82/03/19, 156pp. , 48X: 19133-232, ODI: , TN: 8B07 7.2

8306290851 Deposition of AW Miller on 811201 in Middletown, PA. Pp 1-131.

MILLER, A. W. : General Public Utilities - GPU Service Corp.

DATE ISS: 81/12/01, 131pp. , 48X: 19134-028, ODI: , TN: 8B07 IRRELEVANT

8306290853 Deposition of JD Phinney on 820114 in New York, NY. Pp 136-270.

PHINNEY, J. D. : Babcock & Wilcox Co.

DATE ISS: 82/01/14, 135pp. , 48X: 19138-288, ODI: , TN: 8B07 IRRELEVANT

8306290846 Deposition of RL Pittman on 820628 in New York, NY. Pp 1-142.

PITTMAN, R. L. : Babcock & Wilcox Co.

DATE ISS: 82/06/28, 142pp. , 48X: 19139-061, ODI: , TN: 8B07 IRRELEVANT

8306290909 Deposition of WE Potts on 820107 in New York, NY. Pp 1-176.

POTTS, W. E. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/01/07, 176pp. , 48X: 19139-203, ODI: , TN: 8B07 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290854 Deposition of JF Walters on B10416 in New York, NY.  
Pp 436-550.

WALTERS, J. F. : Babcock & Wilcox Co.

DATE ISS: 81/04/16, 114pp. , 48X: 19156-332, ODI: , TN: 0807

IRRELEVANT

8306290765 Deposition of EA Womack on B01208 in New York, NY.  
Pp 1-184.

WOMACK, E. A. : Babcock & Wilcox Co.

DATE ISS: 80/12/08, 188pp. , 48X: 19160-254, ODI: , TN: 0807

7.2

8306290768 Deposition of EA Womack on B01209 in New York, NY.  
Pp 185-360.

WOMACK, E. A. : Babcock & Wilcox Co.

DATE ISS: 80/12/09, 188pp. , 48X: 19161-081, ODI: , TN: 0807

7.2

8306290760 Deposition of WH Zeve on B20528 in New York, NY. Pp 791-853.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/05/28, 62pp. , 48X: 19168-028, ODI: , TN: 0807

7.1, 7.8

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CATEGORY 7

EXHIBITS

B7-21

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050304 TMI staff interview w/C Faust re sequence of events leading up to turbine trip.

FAUST, C. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/03/30, 12pp. , 48X:19327-101, ODI: B&W 0258 , TN: GB07 IRRELEVANT

8307050526 Preliminary inquiry of TMI incident of 790328.

ZEME, W. H. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/04/03, 50pp. , 48X:19327-282, ODI: B&W 0271 , TN: GB07 IRRELEVANT

8307050535 Rev 11 to Emergency Procedure 2202-1.3, "Loss of Reactor Coolant/Reactor Coolant Sys Pressure."

WARREN, R. P. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 78/10/06, 26pp. , 48X:19327-192, ODI: B&W 0272 , TN: GB07 IRRELEVANT

8307120662 "Memory Trip Review."

\* : Metropolitan Edison Co.  
: :  
DATE ISS: 81/09/24, 3pp. , 48X:19502-211, ODI: B&W 0279 , TN: GB07 IRRELEVANT

8307080033 Figure 80: TMI-2 LOCA on 790328, pump operating history.

\* : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/03/28, 1p. , 48X:19331-002, ODI: B&W 0280 , TN: GB07 IRRELEVANT

8307080044 Graph of reactor coolant temp average on 790328.

\* : Babcock & Wilcox Co.  
: :  
DATE ISS: 79/03/28, 1p. , 48X:19331-003, ODI: B&W 0281 , TN: GB07 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080689 Charts for 790328.

\* :Metropolitan Edison Co.  
: |  
DATE ISS:79/03/28, 21pp. ,48X:19333-230,ODI:B&W 0315 ,TN:GB07 IRRELEVANT

8307070397 First draft "GPU Task Force Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/09/28, 56pp. ,48X:19321-250,ODI:B&W 0347 ,TN:GB07 IRRELEVANT

8308230609 Transcript of TMI Investigative Task Force Taped Interview 8  
(Keaten Tapes) on 790919.Pp 1-64.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/09/19, 65pp. ,48X:20126-073,ODI:B&W 0347H ,TN:GB07 IRRELEVANT

8308230612 Transcript of TMI Investigative Task Force Taped Interview 9  
(Keaten Tapes) on 790919.Pp 1-30.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/09/19, 31pp. ,48X:20126-138,ODI:B&W 0347I ,TN:GB07 IRRELEVANT

8308230623 Transcript of TMI Investigative Task Force Taped Interview  
12 (Keaten Tapes) on 790920.Pp 1-59.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/09/20, 60pp. ,48X:20126-301,ODI:B&W 0347L ,TN:GB07 IRRELEVANT

8307080693 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:80/03/24, 41pp. ,48X:19403-068,ODI:B&W 0354 ,TN:GB07 7.1, 7.8

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120788 Forwards addl ECCS small break analyses for B&W 177 fuel assembly lowered loop NSS. Analyses are in accordance w/small break model approved in Rev 3 to BAW-10104A, "B&W ECCS Evaluation Model," except two mods proposed in 780526 ltr.  
TAYLOR, J.H. : Babcock & Wilcox Co.  
VARGA, S.A. : Light Water Reactors Branch 4  
DATE ISS: 78/07/20, 25pp. , 48X: 19502-303, ODI: B&W 0419 , TN: GB07 IRRELEVANT

8307080630 Deposition of G Kunder on 790918 in Middletown, PA. Pp 1-119.  
  
KUNDER, G.A. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/09/18, 296pp. , 48X: 19393-130, ODI: B&W 0421 , TN: GB07 IRRELEVANT

8307110676 Operation log, Summary of things to be added to rept, including design change & pump operation on engineered safeguards sys.  
  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/02/19, 12pp. , 48X: 19442-044, ODI: B&W 0457 , TN: GB07 IRRELEVANT

8307110680 Draft "TMI=2 Makeup Pump Operation."  
  
BILLINGSLEY, W. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/10/01, 34pp. , 48X: 19442-056, ODI: B&W 0458 , TN: GB07 IRRELEVANT

8307110685 Requests review of draft rept re reactor coolant makeup pump computer indicator.  
  
WALLACE, E. : General Public Utilities - GPU Service Corp.  
: General Public Utilities - GPU Service Corp.  
DATE ISS: 82/02/19, 2pp. , 48X: 19442-090, ODI: B&W 0459 , TN: GB07 IRRELEVANT

8307110699 Operational log, Summary of operational sequence of events on 790328 accident.  
  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/02/18, 297pp. , 48X: 19442-111, ODI: B&W 0465 , TN: GB07 IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080725 App 5 to "DHR During Very Small Break LOCA for B&W 205 Fuel  
Assembly PWR."

MICHAELSON, C. :Babcock & Wilcox Co.

DATE ISS:78/01/31, 28pp. ,48X:19418-024,ODI:B&W 0544 ,TN:GB07 7.2

8307080730 Submits handwritten comments & questions re TMI-2 accident.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.  
DATE ISS:79/11/08, 14pp. ,48X:19418-080,ODI:B&W 0550 ,TN:GB07 IRRELEVANT

8307080738 Suggests possible misreading by operator.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.  
DATE ISS:82/02/25, 2pp. ,48X:19418-122,ODI:B&W 0551 ,TN:GB07 IRRELEVANT

8307080740 Sequence of events review for reactor coolant pumps & motor.

\* :Babcock & Wilcox Co.

DATE ISS:83/07/07, 2pp. ,48X:19418-124,ODI:B&W 0552 ,TN:GB07 IRRELEVANT

8307090395 Forwards Rev 3 to TMI-2 Abnormal Procedure 2203-2.3, "Steam  
Supply Sys Rupture," per request.

BEZILLA, M.B. :General Public Utilities - GPU Service Corp.

LANSE, L. :General Public Utilities - GPU Service Corp.  
DATE ISS:78/04/07, 1p. ,48X:19395-179,ODI:B&W 0605 ,TN:GB07 IRRELEVANT

8307090402 Rev 5 to TMI-2 Emergency Procedure 2202-1.3, "Loss of  
Reactor Coolant/RCS Pressure."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:78/03/01, 25pp. ,48X:19396-001,ODI:B&W 0606 ,TN:GB07 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090203 Interview w/E Frederick, control room operator at TMI-2 on  
790330.

FREDERICK, E. :Metropolitan Edison Co.

DATE ISS:79/03/30, 12pp. ,48X:19399-002,ODI:B&W 0661 ,TN:GB07 7.2

8307110753 Forwards marked-up copy of annotated sequence of events re  
TMI accident of 790328. Comments resulted from PORC meetings  
on 790514, 16 & 17.

MILLER, G.P. :Metropolitan Edison Co.  
:Metropolitan Edison Co.

DATE ISS:79/05/21, 38pp. ,48X:19478-001,ODI:B&W 0666 ,TN:GB07 7.9, 7.15

8307090214 Forwards marked-up "Annotated Sequence of Events," resulting  
from TMI-2 PORC 790514, 16-17 meetings. Comments addressed on  
Page B should be reviewed & appropriately considered when  
preparing future versions.

MILLER, G.P. :Metropolitan Edison Co.  
VANWITBECK, T. :Metropolitan Edison Co.

DATE ISS:79/05/21, 45pp. ,48X:19399-021,ODI:B&W 0667 ,TN:GB07 7.9, 7.15

8307090239 Operational log. Summary of TMI-2 Incident.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/03/28, 11pp. ,48X:19399-126,ODI:B&W 0671 ,TN:GB07 IRRELEVANT

8307090248 Minutes from Williams Committee 790329 meeting re TMI-2  
incident. Minutes from Initial Team 790329 meeting also encl.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.

DATE ISS:79/03/29, 6pp. ,48X:19399-137,ODI:B&W 0672 ,TN:GB07 IRRELEVANT

8307090253 Operational log. Event descriptions.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/06/15, 5pp. ,48X:19399-171,ODI:B&W 0673 ,TN:GB07 IRRELEVANT

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8307090293 Draft preliminary sequence of events.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/04/15, 11pp. ,48X:19399-295,ODI:B&W 0680 ,TN:GB07 IRRELEVANT

8307090297 Forwards draft preliminary sequence of events following  
790328 TMI-2 accident.

LONG,R.L. :General Public Utilities - GPU Service Corp.  
ARNOLD,R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/16, 16pp. ,48X:19399-306,ODI:B&W 0681 ,TN:GB07 IRRELEVANT

8307090302 Provides TMI-2 assessment documentation of Tasks 1 & 6.  
Preliminary chronology of 790328 accident at TMI also encl.

LONG,R.L. :General Public Utilities - GPU Service Corp.  
VANWHITBECK,T. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/17, 8pp. ,48X:19399-350,ODI:B&W 0682 ,TN:GB07 IRRELEVANT

8307090306 Summary of differences between NRC sequence of events & GPU  
re 790328 accident at TMI-2.

VANWHITBECK,T. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/04/19, 4pp. ,48X:19399-358,ODI:B&W 0683 ,TN:GB07 IRRELEVANT

8307090312 Draft sequence of events of TMI-2 accident of 790328 issued  
790416.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/04/21, 15pp. ,48X:19400-001,ODI:B&W 0684 ,TN:GB07 IRRELEVANT

8307090319 Draft annotated sequence of events of TMI-2 accident on  
790328.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/04/27, 29pp. ,48X:19400-016,ODI:B&W 0685 ,TN:GB07 IRRELEVANT

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8307110732 Submits questions re TMI-2 incident on 790328.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/06/13, 3pp. ,48X:19445-177,ODI:B&W 0697 ,TN:GB07 IRRELEVANT

8307110735 Submits tasks & subtasks for task teams.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/09, 16pp. ,48X:19445-180,ODI:B&W 0698 ,TN:GB07 IRRELEVANT

8307110739 Forwards first rough draft, "GPU Task Force Interim Summary Rept."

KEATON,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/28, 1p. ,48X:19446-002,ODI:B&W 0699 ,TN:GB07 IRRELEVANT

8307110742 "GPU Task Force Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/28, 52pp. ,48X:19446-003,ODI:B&W 0699 ,TN:GB07 IRRELEVANT

8307110744 Requests copy of encl package re task force draft rept.

LONG,R.L. :Babcock & Wilcox Co,  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/07, 6pp. ,48X:19446-060,ODI:B&W 0700 ,TN:GB07 IRRELEVANT

8307110752 "GPU Task Force Investigative Rept."

BROUGHTON,T.G. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/27, 46pp. ,48X:19446-134,ODI:B&W 0702 ,TN:GB07 IRRELEVANT

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8307110783 Draft ANS paper re TMI-2 onsite technical support group activities to identify & solve problems by priority.

\* :Babcock & Wilcox Co.  
: DATE ISS:79/10/23, 12pp. ,48X:19447-158,ODI:B&W 0712 ,TN:GB07 IRRELEVANT

8307110785 Draft "Analysis of Technical Support Following TMI-2 Accident."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/10/29, 24pp. ,48X:19447-170,ODI:B&W 0713 ,TN:GB07 IRRELEVANT

8307110787 Draft of "Analysis of Technical Support Following TMI-2 Accident."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/10/29, 12pp. ,48X:19447-194,ODI:B&W 0714 ,TN:GB07 IRRELEVANT

8307110788 Draft of Technical Support Resources & Organization."

\* :Babcock & Wilcox Co.  
: DATE ISS:82/05/20, 9pp. ,48X:19447-012,ODI:B&W 0715 ,TN:GB07 IRRELEVANT

8307110791 Draft "Organization for Technical Support."

\* :Babcock & Wilcox Co.  
: DATE ISS:82/05/20, 7pp. ,48X:19447-021,ODI:B&W 0716 ,TN:GB07 IRRELEVANT

8307090017 Draft Rev 0 to "Accident Transient Modeling Analysis."

BROUGHTON, T.G. :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/06/12, 212pp. ,48X:19448-028,ODI:B&W 0717 ,TN:GB07 IRRELEVANT

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8307120301 Draft transcript of 790412 interview w/w Zewe.

ZEW, W. :Metropolitan Edison Co.  
:;  
DATE ISS:79/04/12, 67pp. ,48X:19456-003,ODI:B&W 0748 ,TN:GB07 7.1

8307080687 Testimony of GA Kunder on 790511.Pp 1-36 & 1-21.

KUNDER, G.A. :Metropolitan Edison Co.  
:;  
DATE ISS:79/05/11, 58pp. ,48X:19409-137,ODI:B&W 0862 ,TN:GB07 IRRELEVANT

8307090342 Forwards third draft investigative task force summary rept  
re TMI accident.Rept reflects revs discussed during  
791011-12 meetings.Comments requested by 791022.

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 77pp. ,48X:19400-185,ODI:B&W 0907 ,TN:GB07 IRRELEVANT

8307090362 "Transient Analysis,Lecture Outline."

NELSON, M.A. :Babcock & Wilcox Co.  
:;  
DATE ISS:82/08/17, 67pp. ,48X:19401-125,ODI:B&W 0913 ,TN:GB07 IRRELEVANT

8307120646 Submits questions re electromatic valve remaining open.

ZEW, W.H. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:83/07/11, 3pp. ,48X:19462-295,ODI:B&W 4013 ,TN:GB07 IRRELEVANT

8307120657 RCS temp,pressure & pressurizer level data for 780423 &  
790328.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:79/03/28, 1p. ,48X:19462-298,ODI:B&W 4014 ,TN:GB07 IRRELEVANT

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8307120755 Handwritten Test Log, Book 3.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/03/30, 3pp. ,48X:19495-298,ODI:B&W 4050 ,TN:GB07 IRRELEVANT

8307120768 Computerized list of memory trip review.

\* :Babcock & Wilcox Co.  
: DATE ISS:78/06/29, 3pp. ,48X:19495-301,ODI:B&W 4051 ,TN:GB07 IRRELEVANT

8307120762 Handwritten Test Log, Book 2.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:77/09/08, 8pp. ,48X:19495-304,ODI:B&W 4052 ,TN:GB07 IRRELEVANT

8307120774 Publications section of GB Wallis resume.

WALLIS, G.B. :Affiliation Unknown  
: DATE ISS:82/05/14, 9pp. ,48X:19495-312,ODI:B&W 4053 ,TN:GB07 IRRELEVANT

8307120789 Graph of drain tank pressure time after turbine trip.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/11, 1p. ,48X:19495-321,ODI:B&W 4054 ,TN:GB07 IRRELEVANT

8307120808 Graph of heat generation rate for accident.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/11, 1p. ,48X:19495-322,ODI:B&W 4055 ,TN:GB07 IRRELEVANT

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8307120892 "Loop Draining."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:83/07/11, 1p. ,48X:19496-236,ODI:B&W 4071 ,TN:GB07 IRRELEVANT

8307130016 "Boiling Pot."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:83/07/11, 1p. ,48X:19496-237,ODI:B&W 4072 ,TN:GB07 IRRELEVANT

8307120800 Discusses question of potential safety concern filed against  
205 plants re secondary side auxiliary feedwater control  
level. Engaged in studies at present to decide appropriate  
action.

DUNN, B.M. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:78/11/16, 2pp. ,48X:19462-293,ODI:B&W 4073 ,TN:GB07 IRRELEVANT

8307130020 Computerized list re sequence of events.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/03/28, 1p. ,48X:19496-238,ODI:B&W 4111 ,TN:GB07 IRRELEVANT

8307130026 Computerized list of sequence of events.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/03/28, 1p. ,48X:19496-239,ODI:B&W 4112 ,TN:GB07 IRRELEVANT

8307130046 Transcript of 790525 util group discussion.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/05/25, 3pp. ,48X:19496-346,ODI:B&W 5000AA ,TN:GB07 IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
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8307010268 "Interim Rept of TMI-2 Occurrence, Technical Review  
Committee."

\* :Babcock & Wilcox Co.

DATE ISS:79/05/25, 118pp. ,48X:19179-127,ODI:GPU 0004 ,TN:GB07 7.2, 7.6, 7.9, 7.11

8307010270 "Interim Rept of TMI-2 Occurrence, Technical Review  
Committee."

\* :Babcock & Wilcox Co.

DATE ISS:79/06/08, 61pp. ,48X:19179-244,ODI:GPU 0005 ,TN:GB07 7.2, 7.6, 7.9, 7.11

8307010274 "Final Rept of TMI-2 Occurrence, Technical Review  
Committee."

\* :Babcock & Wilcox Co.

DATE ISS:79/07/31, 234pp. ,48X:19179-316,ODI:GPU 0006 ,TN:GB07 7.2, 7.6, 7.7, 7.9, 7.11

8307020007 "Final Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.

DATE ISS:83/06/30, 54pp. ,48X:19228-221,ODI:GPU 0007 ,TN:GB07 7.11

8307020032 Forwards info on event sequences to aid witnesses at  
hearings. Event tree constructed on fifth day of accident  
identified addl options to cold shutdown beyond WASH-1400.

WEAVER, W.W. :Babcock & Wilcox Co.

KULYNYCH, G.E. :Babcock & Wilcox Co.

DATE ISS:79/04/23, 17pp. ,48X:19228-336,ODI:GPU 0018 ,TN:GB07 7.11

8307020040 Presents Analysis Branch contribution to task group formed  
to assess protection of operating B&W plants against  
feedwater transients. Info usually provided on feedwater  
transients insufficient to show regulation compliance.

ROSZTOCZY, Z.R. : Analysis Branch

TEDESCO, R.L. : Assistant Director for Reactor Safety

DATE ISS:79/04/10, 9pp. ,48X:19228-357,ODI:GPU 0020 ,TN:GB07

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307120783 Part 21 rept re small break LOCA at reactor coolant pump discharge. Initially reported on 780412. Potential solutions being evaluated. Normal plant operation should continue until investigation & solution complete.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
VOLGENAU, E. :Office of Inspection & Enforcement, Office of the Director  
DATE ISS:78/04/14, 9pp. ,48X:19464-128, ODI:GPU 0091 ,TN:GB07 IRRELEVANT
- 8307120803 Forwards "Analysis of Small Breaks in Reactor Coolant Discharge Piping for B&W Lowered Loop 177 FA Plants."  
  
TAYLOR, J.H. :Babcock & Wilcox Co.  
BAER, R.L. : Reactor Safety Branch  
DATE ISS:78/05/01, 18pp. ,48X:19464-138, ODI:GPU 0092 ,TN:GB07 IRRELEVANT
- 8307080062 Discusses ECCS evaluation of 04 ft pump discharge break analysis. Acceptable power will require 9 1/2 ft min water level w/ore situation. Calculations are consistent & will not be altered if numbers change.  
DUNN, B.M. :Babcock & Wilcox Co.  
TAYLOR, J. :Babcock & Wilcox Co.  
DATE ISS:78/04/19, 2pp. ,48X:19337-320, ODI:GPU 0099 ,TN:GB07 IRRELEVANT
- 8307080066 Submits hand written draft memo re small break analysis for reactor coolant pump discharge piping for B&W lowered loop 177 FA plants.  
  
DUNN, B.M. :Babcock & Wilcox Co.  
RUSSELL, C. :Babcock & Wilcox Co.  
DATE ISS:81/03/20, 3pp. ,48X:19337-322, ODI:GPU 0100 ,TN:GB07 IRRELEVANT
- 8307120824 "DHR During Very Small Break LOCA for B&W 205 Fuel Assembly PWR."  
  
MICHELSON, C. :Tennessee Valley Authority  
DATE ISS:78/01/31, 36pp. ,48X:19464-182, ODI:GPU 0102 ,TN:GB07 7.2
- 8307080076 Forwards commitments resulting from various meetings & correspondence responsive re to NRC safety concerns identified in NRR 790425 status rept on feedwater transients in B&W plants.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
MATISON, R.J. : Division of Systems Integration (post 811005)  
DATE ISS:79/04/30, 44pp. ,48X:19337-326, ODI:GPU 0103 ,TN:GB07 7.2, 7.6, 7.11

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8307120868 Discusses operation of high pressure injection sys during  
771101 transient.Actions taken by operator correct.

WALTERS,J.F. :Babcock & Wilcox Co.  
KELLY,J.J. :Babcock & Wilcox Co.  
DATE ISS:77/11/10, 3pp. ,48X:19464-314,ODI:GPU 0132 ,TN:GB07

IRRELEVANT

8307120868 Discusses operation of high pressure injection sys during  
771101 transient.Actions taken by operator correct.

WALTERS,J.F. :Babcock & Wilcox Co.  
KELLY,J.J. :Babcock & Wilcox Co.  
DATE ISS:77/11/10, 3pp. ,48X:19464-314,ODI:GPU 0132 ,TN:GB07

IRRELEVANT

8307020211 Log of events & actions re facilities,790312-29.

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:81/04/16, 4pp. ,48X:19225-107,ODI:GPU 0134 ,TN:GB07

7.9

8307020212 Submits operating instructions for stuck open PORV.PORV not  
used in safety analysis calculations.Increasing PORV  
setpoint will result in decrease in plant flexibility.

KANE,E.R. :Babcock & Wilcox Co.  
WOMACK,E.A. :Babcock & Wilcox Co.  
DATE ISS:79/04/09, 1p. ,48X:19225-111,ODI:GPU 0135 ,TN:GB07

7.6

8307020218 Forwards info re transient which occurred at plant on  
790328 as received.Info should be used w/caution.Possibility  
info incorrect as reported,contradictory w/other repts or  
incorrect as recorded.

WANDLING,G.K. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/03/29, 13pp. ,48X:19225-123,ODI:GPU 0138 ,TN:GB07

IRRELEVANT

8307020257 Supplemental No.NP-32-77-16:on 770924,main turbine shut down  
to repair leak in pressure sensing connection on steam line  
while spurious half drip occurred in steam feedwater rupture  
control sys.Cause unknown.

MURRAY,T.D. :Toledo Edison Co.  
KEPPLER,J.G. : Region 3, Chicago, Office of the Director  
DATE ISS:77/11/14, 59pp. ,48X:19226-013,ODI:GPU 0153 ,TN:GB07

IRRELEVANT

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8307120801 Emphasizes need for PRA capability. Related info encl.

TAYLOR, J.H. :Babcock & Wilcox Co.  
ROY, D.H. :Babcock & Wilcox Co.  
DATE ISS: 79/12/14, 8pp. ,48X:19493-349, ODI:GPU 0264 ,TN:GB07 IRRELEVANT

8307080793 Lists items to be understood re pumps off - pumps on before discussion w/NRC.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS: 79/07/05, 3pp. ,48X:19490-102, ODI:GPU 0266 ,TN:GB07 7.2

8307090043 Resume of DW LaBelle.

LABELLE, D.W. :Babcock & Wilcox Co.  
DATE ISS: 81/06/02, 1p. ,48X:19490-215, ODI:GPU 0282 ,TN:GB07 IRRELEVANT

8307090059 "Potential Lessons to be Learned From TMI-2."

LABELLE, D.W. :Babcock & Wilcox Co.  
DATE ISS: 79/05/25, 2pp. ,48X:19490-225, ODI:GPU 0287 ,TN:GB07 7.2, 7.11

8307090066 Responds to 790405 questions re analyses of LOMFW flow for 177 & 205 FA plants based on analytical results obtained from CADDs simulation studies of TMI-2 event.

LABELLE, D.W. :Babcock & Wilcox Co.  
ROY, D.H. :Babcock & Wilcox Co.  
DATE ISS: 79/04/30, 4pp. ,48X:19490-227, ODI:GPU 0288 TN:GB07 7.6

8307090069 Requests craft analysis of TMI-2 lost transient, including analysis of reactor trip at time of turbine trip. Analyses encl.

LABELLE, D.W. :Babcock & Wilcox Co.  
BILLER, J. :Babcock & Wilcox Co.  
DATE ISS: 79/04/07, 5pp. ,48X:19490-231, ODI:GPU 0289 ,TN:GB07 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307090107 Forwards operating instructions for isolation of stuck open PORV for review. Instruction should be forwarded to operating plant customers as changes to operating/emergency procedure.
- NEWTON, D.G. :Babcock & Wilcox Co.  
FAIRBURN, G.T. :Babcock & Wilcox Co.  
DATE ISS: 79/04/08, 4pp. ,48X:19490-335, ODI:GPU 0297 ,TN:GB07 7.11
- 8307090112 Forwards operating instructions for stuck open PORV, per 790407 request.
- NEWTON, D.G. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS: 79/04/08, 4pp. ,48X:19490-339, ODI:GPU 0298 ,TN:GB07 7.11
- 8307090117 Discusses operating instructions for stuck open PORV.
- KANE, E.R. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS: 79/04/09, 1p. ,48X:19490-343, ODI:GPU 0299 ,TN:GB07 7.6
- 8307090121 "Review of Sequence of Events Leading to Incident at TMI-2 on 790328."
- LABELLE, D.W. :Babcock & Wilcox Co.  
DATE ISS: 81/06/04, 13pp. ,48X:19490-344, ODI:GPU 0300 ,TN:GB07 7.6
- 8307090127 Advises that preliminary safety concern re reliability of ESFAS II discussed in DW LaBelle 791207 memo has been closed out.
- TAYLOR, J.H. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS: 80/04/25, 2pp. ,48X:19490-361, ODI:GPU 0302 ,TN:GB07 IRRELEVANT
- 8307090131 Provides info to be used in preparation of rept describing safety aspects of Muelheim-Kaerlich Plant compared to TMI-2 accident.
- BOHART, J.R. :Babcock & Wilcox Co.  
DATE ISS: 79/05/02, 5pp. ,48X:19491-001, ODI:GPU 0303 ,TN:GB07 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307130033 Operating Plant Svc Bulletin, Vol 2, Number 41.

\* :Babcock & Wilcox Co.

DATE ISS:77/10/14, 2pp. ,48X:19498-192,ODI:GPU 0338 ,TN:GB07

IRRELEVANT

8307060484 Forwards scoping plans & schedules for responding to TMI-2 concerns, tasks on verification of as-built data & high point venting.

KARRASCH, B.A. :Babcock & Wilcox Co.

FAHLAND, F.R. :Babcock & Wilcox Co.

DATE ISS:79/06/13, 7pp. ,48X:19302-153,ODI:GPU 0382 ,TN:GB07

7.2, 7.6, 7.11, 7.16

8307060486 Sketching of hot leg.

\* :Babcock & Wilcox Co.

DATE ISS:81/09/30, 1p. ,48X:19302-160,ODI:GPU 0383 ,TN:GB07

IRRELEVANT

8307060486 Sketching of hot leg.

\* :Babcock & Wilcox Co.

DATE ISS:81/09/30, 1p. ,48X:19302-160,ODI:GPU 0383 ,TN:GB07

IRRELEVANT

8307060492 Outlines implications of incident including summarization of incident, B&W assessment of primary message from site & required short term actions. Detailed summary of site message encl.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:81/09/30, 6pp. ,48X:19302-161,ODI:GPU 0384 ,TN:GB07

IRRELEVANT

8307060504 Preliminary rept of safety concerns, forwarding memos in response to NRC concern re possible transient overfill. Progress on corrective actions to complete overfill program & fix all plants not made since Nov 1978. W/o encls.

BROCKMAN, R.J. :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/08/15, 1p. ,48X:19302-186,ODI:GPU 0388 ,TN:GB07

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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- 8307060651 Outline of "Mixed Flow Test - RC Pumps." Rept will prove capability of pumps to operate within emergency limits under mixed flow conditions.  
STANEK, L.J. :Babcock & Wilcox Co.  
DATE ISS:77/06/15, 2pp. ,48X:19340-047,ODI:GPU 0433 ,TN:GB07 IRRELEVANT
- 8307060652 Forwards technical program outline for proposed mixed flow test of reactor coolant pump.Damage risk assessment encl.  
CHIPMAN, E.E. :Babcock & Wilcox Co.  
FERNANDEZ, T. :Electric Power Research Institute  
DATE ISS:79/07/03, 7pp. ,48X:19340-049,ODI:GPU 0434 ,TN:GB07 IRRELEVANT
- 8307070009 Comments on NUREG-0578, "TMI-2 Lessons Learned Task Force Status Rept & Short-term Recommendations." Maint of pump auxiliaries to avoid premature tripping recommended.  
KENNEDY, R.K. :Babcock & Wilcox Co.  
STANEK, L.J. :Babcock & Wilcox Co.  
DATE ISS:79/08/28, 2pp. ,48X:19340-064,ODI:GPU 0437 ,TN:GB07 IRRELEVANT
- 8307070014 Summarizes problems in small break operating guidelines & proposes program to rectify problems re reactor coolant pumps.Proposal will be submitted in Mar 1980 if funded in Jan 1980.Rejected 790502 proposal on emergency limits encl.  
KARRASCH, B.A. :Babcock & Wilcox Co.  
HAM, R.E. :Babcock & Wilcox Co.  
DATE ISS:80/01/21, 15pp. ,48X:19340-066,ODI:GPU 0438 ,TN:GB07 IRRELEVANT
- 8307070409 Forwards minutes of 780425 meeting w/NRC in Bethesda, MD re results of reevaluation of lowered loop small break analysis (PSC 10-78).  
BAILEY, H.A. :Babcock & Wilcox Co.  
JONES, J.P. :Babcock & Wilcox Co.  
DATE ISS:78/04/28, 8pp. ,48X:19340-231,ODI:GPU 0469 ,TN:GB07 IRRELEVANT
- 8307120764 Handwritten rept, "DHR Problem Associated w/Recovery From Very Small Break LOCA for C-E Sys 80 PWR."  
\* :Combustion Engineering, Inc.  
DATE ISS:77/05/15, 50pp. ,48X:19461-058,ODI:GPU 0470 ,TN:GB07 .7.2

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- 8307130176 Submits clarification re small break LOCA analysis  
N4M-2-14(AR), in response to 790125 ltr. Appropriate  
explanation for not requiring "thermal balance" requested by  
790315.  
PATTERSON, D.R. :Tennessee Valley Authority  
MCFARLAND, J. :Babcock & Wilcox Co.  
DATE ISS:79/02/28, 2pp. ,48X:19503-273, ODI:GPU 0476 ,TN:GB07 IRRELEVANT
- 8307130184 Forwards "Adequacy of TMI-2 Procedures for Case of Loss of  
Reactor Coolant at Top of Pressurizer." Emergency Procedures  
2202-1.5 & 2202-1.3 not adequate for mitigating effects of  
loss of coolant at top of pressurizer.  
MICHELSON, C. :ACRS - Advisory Committee on Reactor Safeguards  
ETHERINGTON, H. :ACRS - Advisory Committee on Reactor Safeguards  
DATE ISS:79/11/06, 1p. ,48X:19503-278, ODI:GPU 0478 ,TN:GB07 IRRELEVANT
- 8307060458 Summary of 781204 telephone conference w/B&W re ECCS Small  
Break Analysis N4M-2-14 - response to K-5020.  
  
SIMMONS, R.L. :Tennessee Valley Authority  
:Tennessee Valley Authority  
DATE ISS:79/08/03, 4pp. ,48X:19340-241, ODI:GPU 0480 ,TN:GB07 7.2
- 8307060461 Summarizes 781204 telcon w/B&W re small LOCA.  
  
THICKMAN, S. :Tennessee Valley Authority  
:Tennessee Valley Authority  
DATE ISS:79/08/03, 3pp. ,48X:19340-245, ODI:GPU 0481 ,TN:GB07 7.2
- 8307060518 Compares B&W & TVA positions following 781204 telcon on  
small break LOCA analysis. B&W failed to evaluate Michelson  
rept in sufficient detail to respond to TVA 781204 telcon  
questions.  
\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/03, 3pp. ,48X:19340-248, ODI:GPU 0482 ,TN:GB07 7.2
- 8307130191 Requests clarification of BAW-10074A, Rev 1 re small break  
LOCA analysis. Clarification should address inability of very  
small breaks to remove decay heat from RCS as fast as heat  
generated in core.  
MICHELSON, C. :ACRS - Advisory Committee on Reactor Safeguards  
:Babcock & Wilcox Co.  
DATE ISS:79/12/06, 6pp. ,48X:19503-287, ODI:GPU 0483 ,TN:GB07 7.2



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8307130203 Forwards responses to NRC 770318 request for info re selected technical issues for vendor participation published in NUREG-0138 & NUREG-0153, per 770822 ltr.

TAYLOR, J.H. : Babcock & Wilcox Co.  
MAZETIS, G.M. : Reactor Systems Branch  
DATE ISS: 78/07/28, 13pp. , 48X:19503-336, ODI:GPU 0494 , TN:GB07 IRRELEVANT

8307060555 "Break in Instrument Line or Lines From Primary Sys That Penetrate Containment" & "Loss of Nonemergency AC Power to Station Auxiliaries," supplemental info to FSAR Figures 15E.6.2 & 15E.2.6, respectively.

\* : General Public Utilities - GPU Service Corp.  
:  
DATE ISS: 82/04/14, 4pp. , 48X:19340-289, ODI:GPU 0495 , TN:GB07 IRRELEVANT

8307060558 Operating instruction for stuck-open PORV, per IE Bulletin 79-05.

NEWTON, D.G. : Babcock & Wilcox Co.  
:  
DATE ISS: 79/04/08, 4pp. , 48X:19340-293, ODI:GPU 0496 , TN:GB07 IRRELEVANT

8307130288 Expresses concern w/ECCS analysis re operator interruption of HPI following initial stage of LOCA. Operating Procedures to allow termination of HPI under stated conditions should be written.

DUNN, B.M. : Babcock & Wilcox Co.  
TAYLOR, J. : Babcock & Wilcox Co.  
DATE ISS: 78/02/09, 3pp. , 48X:19503-354, ODI:GPU 0550 , TN:GB07 7.2

8307130296 Discusses acceptable procedure for terminating HPI following LOCA. Procedure requested in 780209 memo will be modified accordingly.

DUNN, B.M. : Babcock & Wilcox Co.  
TAYLOR, J. : Babcock & Wilcox Co.  
DATE ISS: 78/02/16, 2pp. , 48X:19503-357, ODI:GPU 0551 , TN:GB07 7.2

8307070505 Forwards draft writeups on small break scenarios to be used in small break cooldown procedure. Comments, in procedure form requested.

JONES, R.C. : Babcock & Wilcox Co.  
KANE, E.R. : Babcock & Wilcox Co.  
DATE ISS: 79/05/02, 9pp. , 48X:19341-350, ODI:GPU 0556 , TN:GB07 7.2

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8307120852 Graph re pressure & temp limitations for cooldown.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/07/12, 3pp. ,48X:19495-023,ODI:GPU 2016A ,TN:GB07 IRRELEVANT

8307120860 Forwards Rev 1 to BAW-10075A "Multinode Analysis of Small  
Breaks for B&W 177-FA Nuclear Plants W/Raised Loop  
Arrangement & Internal Vent Valves."

SUHRKE,K.E. :Babcock & Wilcox Co.  
STOLZ,J.F. : Licensing Branch 4  
DATE ISS:76/03/09, 1p. ,48X:19495-029,ODI:GPU 2018 ,TN:GB07 IRRELEVANT

8307110320 Graphs re pressurizer levels, reactor coolant pressure &  
steam generator A operating level.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/07/09, 6pp. ,48X:19483-301,ODI:GPU 2068 ,TN:GB07 IRRELEVANT

8307080017 Transcript of President's Commission on Accident at TMI  
third meeting on 790530 in Washington, DC. Pp 1-210. W/o  
Pd 5-112.

\* :President's Commission on the Accident at Three Mile Island  
:;  
DATE ISS:79/05/30, 103pp. ,48X:19338-209,ODI:GPU 2069 ,TN:GB07 IRRELEVANT

8307110349 "TMI-2 Annotated Sequence of Events,790328."

VAN WITBECK,T. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:81/02/06, 152pp. ,48X:19483-340,ODI:GPU 2079 ,TN:GB07 IRRELEVANT

8307080041 Printout listing for 790328 sequence of events review.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:79/03/28, 67pp. ,48X:19338-317,ODI:GPU 2083 ,TN:GB07 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120936 Rev 3 to Operating Procedure OP 1209.29, "OFR Unit 1  
Pressurizer Abnormal Operations."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:73/01/25, 15pp. ,48X:19500-287,ODI:GPU 2165 ,TN:GB07

IRRELEVANT

8307120941 Lists of control room indications.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/12, 6pp. ,48X:19500-305,ODI:GPU 2178 ,TN:GB07

IRRELEVANT

8307120951 Forwards lists of items for reactor vendor analysis re  
27 technical issues identified in NUREGs 0138 & 0163 per  
ACRS request. Analysis needed to confirm judgements reached  
in NRC analyses.

ROSS, D.F. : Division of Systems Safety

SUHRKE, K. : Babcock & Wilcox Co.

DATE ISS:77/03/18, 3pp. ,48X:19500-329,ODI:GPU 2200 ,TN:GB07

IRRELEVANT

8307120953 Submits recommendations resulting from technical evaluation  
of HPI fluid sys upgrade.

\* :General Public Utilities - GPU Service Corp.

:General Public Utilities - GPU Service Corp.

DATE ISS:83/07/12, 5pp. ,48X:19500-332,ODI:GPU 2201 ,TN:GB07

IRRELEVANT

8307050504 Summary of 790515 telcon w/Z Rosztoczy re stuck open PORV  
w/pumps running & no auxiliary feed. No core uncover  
will take place even if reactor pumps trip at most  
unfavorable time.

DUNN, B.M. : Babcock & Wilcox Co.

KANE, E.R. : Babcock & Wilcox Co.

DATE ISS:79/05/29, 2pp. ,48X:19231-293,ODI:GPU 2203 ,TN:GB07

7.2

8307050508 Vol II Part 2 "TMI: Rept to Commissioners & to Public."

ROGOVIN, M. : NRC Three Mile Island Task Force

DATE ISS:79/12/31, 59pp. ,48X:19231-295,ODI:GPU 2204 ,TN:GB07

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050509 "Analysis of TMI-Unit 2 Accident."

\* :Nuclear Safety Analysis Center  
: DATE ISS:80/03/31, 59pp. ,48X:19231-354,ODI:GPU 2205 ,TN:GB07 IRRELEVANT

8307020216 Requests man & computer hour costs & schedules for development support & implementation of new fuel assembly concept.W/MK-CZX desion description encl.

JACKS,G.M. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/09/22, 53pp. ,48X:19226-141,ODI:GPU 2206 ,TN:GB07 IRRELEVANT

8307020235 Vol 1 of "Evaluation of Transient Behavior & Small RCS Breaks in 177 Fuel Assembly Plant."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/05/07, 362pp. ,48X:19226-328,ODI:GPU 2207 ,TN:GB07 7.2, 7.6

8307120846 Recommends reduction of natural circulation level setpoint to 50% on operator range.

ROGERS,L.C. :Babcock & Wilcox Co.  
HERBAIN,J.G. :Metropolitan Edison Co.  
DATE ISS:74/07/31, 1p. ,48X:19497-022,ODI:GPU 2208 ,TN:GB07 IRRELEVANT

8307020236 Questions re DTSG level concern.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:77/07/11, 2pp. ,48X:19227-330,ODI:GPU 2209 ,TN:GB07 IRRELEVANT

8307020238 Discusses small break-auxiliary feedwater level for 205FA plants.

CARTIN,L.R. :Babcock & Wilcox Co.  
DUERSON,S.H. :Babcock & Wilcox Co.  
DATE ISS:78/08/01, 32pp. ,48X:19228-001,ODI:GPU 2210 ,TN:GB07 IRRELEVANT

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8307020254 "Analysis of TMI-2 Accident W/Continuous Operation of  
Reactor Coolant Pumps."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:82/12/31, 22pp. ,48X:19222-023,ODI:GPU 2213 ,TN:GB07

IRRELEVANT

8307120853 Forwards Suppls 1 & 2 to "Evaluation of Transient Behavior  
& Small RCS Breaks in 177 Fuel Assembly Plant," Vol 1,  
Section 6.0.

TAYLOR, J.H. :Babcock & Wilcox Co.

MATTSON, R.J. :Office of Nuclear Regulatory Research, Director

DATE ISS:79/05/12, 2pp. ,48X:19497-023,ODI:GPU 2214 ,TN:GB07

7.2

8307120867 Summarizes analysis code requirements & verification  
project, Action Item 5 on CRAFT2 simulations of small  
break transients.

CULLIN, J.J. :Babcock & Wilcox Co.

MORGAN, C.D. :Babcock & Wilcox Co.

DATE ISS:79/09/04, 4pp. ,48X:19497-065,ODI:GPU 2215 ,TN:GB07

7.16

8307020256 Requests that B&W 77-1125999-01 describing ECCS analysis  
performed as part of EFW upgrade program be forwarded to  
customers as committed.

VANSCOOTER, W.E. :Babcock & Wilcox Co.

BEALE, G.O. :Babcock & Wilcox Co.

DATE ISS:81/07/17, 1p. ,48X:19222-045,ODI:GPU 2216 ,TN:GB07

IRRELEVANT

8307020258 Submits evaluation of reduced steam generator level.

ANDERSON, G.E. :Babcock & Wilcox Co.

SCOOTER, W.E. :Babcock & Wilcox Co.

DATE ISS:81/01/15, 4pp. ,48X:19222-046,ODI:GPU 2217 ,TN:GB07

IRRELEVANT

8307020260 Certificate of authenticity records of Roll 2038.

\* :Superior International Microfilm Corp.

DATE ISS:82/03/18, 9pp. ,48X:19222-050,ODI:GPU 2219 ,TN:GB07

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120876 Submits final results of preliminary sys analysis, Task 27 as  
input to mechanical stress assessment of hardware  
components. All RCS mass inventory & energy conserved during  
core uncover & refill.  
HIATT, R.M. : Babcock & Wilcox Co.  
VAMES, G.J. : Babcock & Wilcox Co.  
DATE ISS: 79/11/16, 52pp. , 48X: 19497-074, ODI: GPU 2222 , TN: GB07 IRRELEVANT

8307120894 "Analysis of RCS Markup During TMI-2 Event."  
  
\* : EDS Nuclear, Inc.  
DATE ISS: 82/12/29, 90pp. , 48X: 19497-126, ODI: GPU 2223 , TN: GB07 IRRELEVANT

8307130076 "Spec for Nuclear Power Plant Training Simulator."  
  
\* : Babcock & Wilcox Co.  
DATE ISS: 69/01/15, 263pp. , 48X: 19497-249, ODI: GPU 2310 , TN: GB07 IRRELEVANT

8307110738 Resume of RJ Marzec.  
  
MARZEC, R.J. : Affiliation Unknown  
DATE ISS: 83/07/09, 3pp. , 48X: 19482-183, ODI: GPU 2322 , TN: GB07 IRRELEVANT

8307110754 "Reactor Bldg Sump."  
  
\* : Metropolitan Edison Co.  
DATE ISS: 77/08/26, 1p. , 48X: 19483-146, ODI: GPU 2338 , TN: GB07 IRRELEVANT

8307110756 "Potential Sources of Nonprimary Sys Water in TMI-2 Reactor  
Bldg Sump."  
  
\* : General Public Utilities - GPU Service Corp.  
DATE ISS: 77/08/26, 1p. , 48X: 19483-147, ODI: GPU 2339 , TN: GB07 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080107 "Figure 3, Graph of RCS Pressure, Saturation Pressure & Pressurizer."

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/03/28, 1p. ,48X:19361-092,ODI:GPU 2341 ,TN:GB07 IRRELEVANT

8307080146 Recommends operating guidelines for small breaks.

HALLMAN, D.F. :Babcock & Wilcox Co.  
LEMON, J.E. :Babcock & Wilcox Co.  
DATE ISS:79/10/09, 1p. ,48X:19361-133,ODI:GPU 2405 ,TN:GB07 IRRELEVANT

8307080200 Responds to 771006 telcon requesting more info re basis for vendor conclusions on 770924 depressurization event.

LAZAR, A.H. :Babcock & Wilcox Co.  
DOMECK, C. :Toledo Edison Co.  
DATE ISS:77/10/07, 2pp. ,48X:19361-151,ODI:GPU 2412 ,TN:GB07 IRRELEVANT

8307080216 Problem re loss of feedwater while operating at 98% power.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/03/28, 1p. ,48X:19361-157,ODI:GPU 2415 ,TN:GB07 IRRELEVANT

8307080291 "Preliminary Generic Plant Comparison."

\* :Combustion Engineering, Inc.  
:;  
DATE ISS:83/07/06, 19pp. ,48X:19361-198,ODI:GPU 2425 ,TN:GB07 IRRELEVANT

8307080295 Discusses top 10 lessons learned from Unit 2 accident.

KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/11, 4pp. ,48X:19361-217,ODI:GPU 2426 ,TN:GB07 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080313 Draft of .04 square feet pump discharge break.

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:78/04/12, 4pp. ,48X:19361-233,ODI:GPU 2430 ,TN:GB07 IRRELEVANT

8307080318 Forwards Preliminary Rept of Safety Concern PSC 10-78 re small breaks at pump discharge on 177FA lowered loop plants. Preparation of evaluation & recommendations for corrective actions underway.

TAYLOR, J.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/04/12, 2pp. ,48X:19361-237,ODI:GPU 2431 ,TN:GB07 IRRELEVANT

8307080408 Summary of 790515 telcon w/Z Rosztoczy re request for addl info on expected results of stuck open PORV, small break w/loss of auxiliary feedwater & reactor coolant pumps running.

DUNN, B.M. :Babcock & Wilcox Co.  
KANE, E.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/29, 2pp. ,48X:19361-269,ODI:GPU 2445 ,TN:GB07 IRRELEVANT

8307080449 Forwards preliminary draft study reflecting thoughts & concerns re ECCS small break LOCA analysis N4M-2-14(AR) for review & comments. Proposes meeting in Knoxville, TN to discuss entire question of very small break LOCA.

PATTERSON, D.R. :Tennessee Valley Authority  
MCFARLAND, J. :Babcock & Wilcox Co.  
DATE ISS:78/04/27, 6pp. ,48X:19361-287,ODI:GPU 2451 ,TN:GB07 7.2

8307080483 "Emergency & Abnormal Procedures Quiz - Senior Reactor Operator."

KUNDER, S.A. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:76/10/20, 3pp. ,48X:19361-313,ODI:GPU 2456 ,TN:GB07 IRRELEVANT

8307080520 Forwards IE Insp Rept 50-289/79-06 on 790221-23 & 26-28. No noncompliance noted.

BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:79/03/21, 2pp. ,48X:19361-356,ODI:GPU 2462 ,TN:GB07 IRRELEVANT



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8307080531 Forwards Dec activities rept for ECCS Analysis Unit.

DUNN,B.M. :Babcock & Wilcox Co.  
WOMACK,E.A. :Babcock & Wilcox Co.  
DATE ISS:79/01/02, 3pp. ,48X:19362-018,ODI:GPU 2464 ,TN:GB07 IRRELEVANT

8307080680 Summarizes impact assessment of two auxiliary feedwater level control schemes on LUCA analysis,in response to 780907 memo.

SHAH,N.H. :Babcock & Wilcox Co.  
CARTIN,L.R. :Babcock & Wilcox Co.  
DATE ISS:78/09/19, 2pp. ,48X:19491-045,ODI:GPU 2503 ,TN:GB07 IRRELEVANT

8307080694 Forwards B&W input to rept to NRC concerning 770924 depressurization event at Davis Besse.Input includes description of event,evaluation of reactor coolant components & evaluation of fuel.

LAZAR,A.H. :Babcock & Wilcox Co.  
DORECK,C.R. :Toledo Edison Co.  
DATE ISS:77/11/01, 31pp. ,48X:19491-055,ODI:GPU 2507 ,TN:GB07 IRRELEVANT

8307080701 IE Insp Rept 50-289/79-06 on 790221-23 & 26-28.No noncompliance noted.Major areas inspected:preparation for refueling,refueling activities,selected LERs & pipe supports & restraints.

KEIMIG,R.R. : Region 1, Philadelphia, Office of the Director  
DATE ISS:79/03/20, 17pp. ,48X:19491-088,ODI:GPU 2508 ,TN:GB07 IRRELEVANT

8307080771 "Analysis of TMI-2 Accident w/Continuous Operation of Reactor Coolant Pumps."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:82/12/31, 22pp. ,48X:19491-178,ODI:GPU 2523 ,TN:GB07 IRRELEVANT

8307120636 Operational log for 770905-11.

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:77/09/11, 17pp. ,48X:19495-159,ODI:GPU 2612 ,TN:GB07 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120653 Graph depicting PORV & RCS flows vs pressure for TMI-2 (two HPI pumps).

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 1p. ,48x:19495-192,ODI:GPU 2621 ,TN:GB07 IRRELEVANT

8307120655 Handwritten notes re RCS temp calculations.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 8pp. ,48x:19495-193,ODI:GPU 2622 ,TN:GB07 IRRELEVANT

8307120661 Handwritten notes re HPI calculations.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 5pp. ,48x:19495-201,ODI:GPU 2623 ,TN:GB07 IRRELEVANT

8307080792 General calculations: task 27 sys analysis of TMI-2 790328 accident.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/12/05, 10pp. ,48x:19491-301,ODI:GPU 2700 ,TN:GB07 IRRELEVANT

8307090006 Discusses C Michelson, of TVA, critique of small breaks for B&W RCS in May 1978.

DUNN, B.M. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/14, 9pp. ,48x:19491-339,ODI:GPU 2706 ,TN:GB07 IRRELEVANT

8307090007 Summary of 790416 meeting re operational limits which should govern operator actions to secure or terminate HPI.

CARTIN, L.R. :Babcock & Wilcox Co.  
BRAZILL, G.J. :Babcock & Wilcox Co.  
DATE ISS:79/04/18, 4pp. ,48x:19491-348,ODI:GPU 2707 ,TN:GB07 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090013 "Makeup/Letdown Sys, Makeup Mode Using Pump 1-B."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/06, 3pp. ,48X:19491-353,ODI:GPU 3018A ,TN:GB07 IRRELEVANT

8307090016 "Makeup/Letdown Sys, Makeup Mode Following Reactor Trip."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/06, 2pp. ,48X:19491-355,ODI:GPU 3019A ,TN:GB07 IRRELEVANT

8307090018 "Makeup/Letdown Sys, Manual Injection Mode Following Reactor Trip."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/06, 2pp. ,48X:19491-356,ODI:GPU 3020A ,TN:GB07 IRRELEVANT

8307090023 "Makeup/Letdown Sys, Automatic Injection Mode."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/06, 2pp. ,48X:19491-357,ODI:GPU 3021A ,TN:GB07 IRRELEVANT

8307120639 "Make-up Tank Level," for TMI-2 790328 LOCA.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/12, 1p. ,48X:19504-348,ODI:GPU 3022 ,TN:GB07 IRRELEVANT

8307120654 Diagram of initial conditions at t=0, for loops A & B on 790328. Sys steady at 97% power & main feedwater flow tripped at t.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/03/28, 2pp. ,48X:19504-354,ODI:GPU 3100 ,TN:GB07 IRRELEVANT

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8307120675 Diagram of steam generator loops A & B at t=1 minute 45 s on 790328. PORV stuck open, both steam generators dry & 1700 psia due to post scram coolant shrink.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-261,ODI:GPU 3101 ,TN:GB07 IRRELEVANT

8307120680 Diagram of steam generator loops A & B at t=8 minute 18 s on 790328. Primary sys nearly liquid solid, liquid expanding w/increasing temps, auxiliary feedwater block valves opened & pressure decreased to 1500 psia.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-262,ODI:GPU 3102 ,TN:GB07 IRRELEVANT

8307120680 Diagram of steam generator loops A & B at t=8 minute 18 s on 790328. Primary sys nearly liquid solid, liquid expanding w/increasing temps, auxiliary feedwater block valves opened & pressure decreased to 1500 psia.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-262,ODI:GPU 3102 ,TN:GB07 IRRELEVANT

8307120685 Diagram of steam generator loops A & B at t=20 minute. Primary sys cooling down via steam generators, primary sys voids increasing & pressure at 1100 psia.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-263,ODI:GPU 3103 ,TN:GB07 IRRELEVANT

8307120689 Diagram of steam generator loops A & B at t=90 minute. Loop A pumps operating, loop B stagnant after shutdown of pumps, primary sys voids increasing & pressure at 1050 psia.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-264,ODI:GPU 3104 ,TN:GB07 IRRELEVANT

8307120693 Diagram of steam generator loops A & B at t=100 minute on 830328. Loop A pumps off, steam generator A secondary level increasing, pressurizer surge line flooded & pressure at 920 psia.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-265,ODI:GPU 3105 ,TN:GB07 IRRELEVANT

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8307120701 Diagram of steam generator loops A & B at t=125 minute on 790328. All pumps off, reactor core drying out & heating up, superheated steam formed in core & pressure at 750 psia.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-266,ODI:GPU 3106 ,TN:GB07 IRRELEVANT

8307120708 Diagram of steam generator loops A & B at t=139 minute on 790328. PORV block valve closed, core dryout & heatup continuing & pressure at 750 psia.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-267,ODI:GPU 3107 ,TN:GB07 IRRELEVANT

8307120708 Diagram of steam generator loops A & B at t=139 minute on 790328. PORV block valve closed, core dryout & heatup continuing & pressure at 750 psia.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-267,ODI:GPU 3107 ,TN:GB07 IRRELEVANT

8307120715 Diagram of steam generator loops A & B at t=150 minute on 790328. Primary pressure increased to 820 psia, core dryout & heatup continuing, clad ballooning & rupture & hydrogen generation by zirconium/water reaction begins.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-268,ODI:GPU 3108 ,TN:GB07 IRRELEVANT

8307120720 Diagram of steam generator loops A & B at t=180 minute on 790328. Fuel embrittled, core partially quenched by fluid subsequent to Loop B pump start & pressure increased to 2,050 psia.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/13, 1p. ,48X:19504-269,ODI:GPU 3109 ,TN:GB07 IRRELEVANT

8307120743 "Hypothetical Conditions Assuming Dunn's Instructions," at t=150 minute.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-274,ODI:GPU 3114 ,TN:GB07 7.2

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8307120745 "Hypothetical Conditions Assuming Dunn's Instructions," at  
t=0.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 1p. ,48X:19504-275,ODI:GPU 3115 ,TN:GB07

7.2

8307120752 "Small Break LOCA in B&W 205 FA PWR," at t=0 & pressure at  
2,195 psia.Sys depressurizing.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 1p. ,48X:19504-276,ODI:GPU 3116 ,TN:GB07

IRRELEVANT

8307120757 "Small Break LOCA in B&W 205 FA PWR," diagram when pressure  
exceeds 1,600 psia but less than 2,150 psia.Natural  
circulation occurring,sys voiding & sys depressurization  
continuing.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 1p. ,48X:19504-277,ODI:GPU 3117 ,TN:GB07

IRRELEVANT

8307120761 "Small Break LOCA in B&W 205 FA PWR," at pressure less than  
1,600 psia.Natural circulation ceased,sys repressurization  
begins,once-through steam generator loss & HPI on.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 1p. ,48X:19504-278,ODI:GPU 3118 ,TN:GB07

IRRELEVANT

8307120763 "Small Break LOCA in B&W 205 FA PWR," at pressure less than  
1,600 psia.Sys drainage occurring & sys repressurizing  
continues.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 1p. ,48X:19504-279,ODI:GPU 3119 ,TN:GB07

IRRELEVANT

8307120770 Diagram 5 of "Small Break LOCA in B&W 205 FA PWR." Sys  
depressurizing,sys drainage continues,condensation heat  
transfer in steam generators & HPI off due to high pressure  
& level.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/11, 1p. ,48X:19504-280,ODI:GPU 3120 ,TN:GB07

IRRELEVANT

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8307120776 Diagram 6 of "Small Break LOCA in B&W 205 FA PWR." Primary pressure controlled by secondary side & core uncovered.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 1p. ,48X:19504-281,ODI:GPU 3121 ,TN:GB07 IRRELEVANT

8307120782 Graph of pressure vs time & graph of two-phase level vs time indicating turn around point.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 1p. ,48X:19504-282,ODI:GPU 3122 ,TN:GB07 IRRELEVANT

8307120787 Graph of HPI relation to break flow indicating turn around point.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 1p. ,48X:19504-283,ODI:GPU 3123 ,TN:GB07 IRRELEVANT

8307120791 Graph of small break relation to very small break in two-phase level condition & graph of small break relation to very small break at pressure values.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 1p. ,48X:19504-284,ODI:GPU 3124 ,TN:GB07 IRRELEVANT

8307120793 "Hypothetical Conditions at TMI-2 Assuming Higher Auxiliary Feedwater Level," at t=150 minute.Pressurizer drains due to differential pressure,core covered,conditions stable & sys refills w/HPI on.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 1p. ,48X:19504-285,ODI:GPU 3125 ,TN:GB07 7.2

8307120797 "Hypothetical Conditions at TMI-2 Assuming Vertical Pressurizer Surge Line," at t=150 minute.Core covered, pressurizer drains due to counter-current flow in surge line & sys refills w/HPI on.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 1p. ,48X:19504-286,ODI:GPU 3126 ,TN:GB07 IRRELEVANT

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8307120802 "Hypothetical Conditions at TMI-2 Assuming Vertical Reactor  
Coolant Pumps Left On," at t=150 minutes, Pressurizer will  
drain due to differential pressure, core adequately cool &  
HPI will be initiated on low pressurizer level.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/11, 1p. ,48X:19504-287,ODI:GPU 3127 ,TN:GB07 IRRELEVANT

8307120805 "Hypothetical Conditions at TMI-2 Assuming Early Block Valve  
Closure." high pressurizer level, reactor coolant pumps  
tripped & sys depressurizing.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/11, 1p. ,48X:19504-288,ODI:GPU 3128 ,TN:GB07 7.2

8307120806 "Hypothetical Conditions at TMI-2 Assuming Early Block Valve  
Closure." high pressurizer level, PORV block valve closed &  
sys repressurizing.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/11, 1p. ,48X:19504-289,ODI:GPU 3129 ,TN:GB07 7.2

8307120812 Diagram 3 of "Hypothetical Conditions at TMI-2 Assuming  
Early Block Valve Closure." Open code safety valves sys  
losing mass, auxiliary feedwater off at 50% level & high  
pressurizer level.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/11, 1p. ,48X:19504-290,ODI:GPU 3130 ,TN:GB07 7.2

8307120832 Diagram 4 of "Hypothetical Conditions of TMI-2. Assuming  
Early Block Valve Closure." Core uncovered & damaged &  
inventory continues to be lost.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:83/07/11, 1p. ,48X:19504-291,ODI:GPU 3131 ,TN:GB07 7.2

8307090030 Graph representing temp & pressure vs time at TMI on 790328.  
\* :General Public Utilities - GPU Service Corp.  
DATE ISS:79/03/28, 1p. ,48X:19491-359,ODI:GPU 3132 ,TN:GB07 IRRELEVANT



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8307090032 Graph representing temp & pressure levels vs time at  
Davis-Besse on 770924.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:77/09/24, 1p. ,48X:19491-360,ODI:GPU 3133 ,TN:GB07 IRRELEVANT

8307090036 Graph representing temp & pressure levels at TMI on 790328.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/03/28, 1p. ,48X:19491-361,ODI:GPU 3137 ,TN:GB07 IRRELEVANT

8307120844 Graph of relation between steam or water PORV flow to one  
or two HPI pumps in flow vs pressure valves.Rept, "Analysis  
of RCS Make-up During TMI-2 Event," encl.

\* :EDS Nuclear, Inc.  
: :  
DATE ISS:82/12/29, 50pp. ,48X:19504-294,ODI:GPU 3138 ,TN:GB07 IRRELEVANT

8307090039 Figure 2, "Makeup Tank Pressure Operating Limit."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/06, 1p. ,48X:19491-362,ODI:GPU 3141 ,TN:GB07 IRRELEVANT

8307090041 Figure 3, "Lumped Flow Resistance Model."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/06, 1p. ,48X:19492-001,ODI:GPU 3142 ,TN:GB07 IRRELEVANT

8307090044 Figure 4, "FAAST Model of TMI-2 Makeup Sys."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/06, 1p. ,48X:19492-002,ODI:GPU 3143 ,TN:GB07 IRRELEVANT

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8307090047 Figure 5-1, "Flow Regime 1."

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:83/07/06, 1p. ,48X:19492-003,ODI:GPU 3144 ,TN:GB07 IRRELEVANT

8307090049 Figure 5-2, "Flow Regime 2."

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:83/07/06, 1p. ,48X:19492-004,ODI:GPU 3145 ,TN:GB07 IRRELEVANT

8307090052 Figure 5-3, "Flow Regime 3."

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:83/07/06, 1p. ,48X:19492-005,ODI:GPU 3146 ,TN:GB07 IRRELEVANT

8307090055 Figure 6, "Makeup Tank Flow Regimes."

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:83/07/06, 1p. ,48X:19492-006,ODI:GPU 3147 ,TN:GB07 IRRELEVANT

8307120883 "Analysis of RCS Make-up during TMI-2 Event."

\* :EDS Nuclear, Inc.  
: ;  
DATE ISS:82/12/29, 46pp. ,48X:19512-001,ODI:GPU 3148 ,TN:GB07 IRRELEVANT

8307090060 Figure 8, "Calculated Makeup Tank Level."

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:83/07/06, 1p. ,48X:19492-007,ODI:GPU 3149 ,TN:GB07 IRRELEVANT

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8307090063 Figure 9, "Makeup Tank Level."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/06, 1p. ,48X:19492-008,ODI:GPU 3150 ,TN:GB07 IRRELEVANT

8307090064 Figure 10, "Calculated Makeup Tank Level."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/06, 1p. ,48X:19492-009,ODI:GPU 3151 ,TN:GB07 IRRELEVANT

8307090068 Figure 11, "Makeup Tank Level,780423."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/06, 1p. ,48X:19492-010,ODI:GPU 3152 ,TN:GB07 IRRELEVANT

8307090072 Figure 12, "Calculated Makeup Tank Level,780423."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/06, 1p. ,48X:19492-011,ODI:GPU 3153 ,TN:GB07 IRRELEVANT

8307090074 Figure 13, "Makeup Tank Level."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/06, 1p. ,48X:19492-012,ODI:GPU 3154 ,TN:GB07 IRRELEVANT

8307090075 Figure 14, "Calculated Makeup Tank Level."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/05, 1p. ,48X:19492-013,ODI:GPU 3155 ,TN:GB07 IRRELEVANT

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8307090079 Graph of heat removal potential for TMI-2 (water heated to  
RCS temp).

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:83/07/06, 1p. ,48x:19492-014,ODI:GPU 3160 ,TN:GB07 7.2

8307090080 Graph DB-1 re pressurizer level & RCS pressure psig.

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:77/09/24, 1p. ,48x:19492-015,ODI:GPU 3162 ,TN:GB07 IRRELEVANT

8307090084 Graph of Davis Besse reactor trip from 9% full power. Drawing  
of PWR & Toledo Edison organization chart encl.

\* :Toledo Edison Co.  
: ;  
DATE ISS:77/09/24, 3pp. ,48x:19492-016,ODI:GPU 3170 ,TN:GB07 IRRELEVANT

8307050366 Transcript of Zewe 790919 testimony.

8307050331 Transcript of 790406 interview w/Zewe.Pp 14.

ZEW E :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:79/04/06, 1p. ,48x:19232-051,ODI:GPU 6000 AA ,TN:GB07 IRRELEVANT

8307050334 Transcript of 790406 interview.Pp 14-15.

\* :General Public Utilities - GPU Service Corp.  
: ;  
DATE ISS:79/04/06, 3pp. ,48x:19232-052,ODI:GPU 6000 CC ,TN:GB07 IRRELEVANT

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8307050343 Transcript of Zewe 790824-25 testimony.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/08/24, 2pp. ,48X:19232-056,ODI:GPU 6001 AA ,TN:GB07 IRRELEVANT

8307050346 Transcript of Zewe 790824-25 testimony.P 19.

ZEWE :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/08/24, 2pp. ,48X:19232-058,ODI:GPU 6001 BB ,TN:GB07 IRRELEVANT

8307050348 Transcript of Zewe 790824-25 testimony.P 17.

ZEWE :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/08/24, 2pp. ,48X:19232-060,ODI:GPU 6001 CC ,TN:GB07 IRRELEVANT

8307050353 Transcript of Zewe 790824-25 testimony.P 18.

ZEWE :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/08/24, 2pp. ,48X:19232-062,ODI:GPU 6001 DD ,TN:GB07 IRRELEVANT

8307050363 Transcript of 230th ACRS general meeting on 790615 in  
Washington,DC.P 325.

\* :ACRS - Advisory Committee on Reactor Safeguards  
: DATE ISS:79/06/15, 3pp. ,48X:19232-064,ODI:GPU 6002 ,TN:GB07 IRRELEVANT

8307050370 Transcript of 790423 interview w/Hunter & Zewe.P 11.

\* :Office of Inspection & Enforcement, Office of the Director  
: DATE ISS:79/04/23, 1p. ,48X:19232-069,ODI:GPU 6007 AA ,TN:GB07 IRRELEVANT

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NRC SPECIAL REPORT

8307050404 Transcript of BM Dunn 791004 deposition.Pp 22,26,7,11,17-18,  
21 & 23-87.

DUNN,B.M. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/04, 54pp. ,48X:19232-131,ODI:GPU 6020 ,TN:GB07 IRRELEVANT

8307050411 Transcript of BM Dunn 790630 deposition.Pp 30-34,43-45,47,  
52-55,65-66,69-75,78,81-82 & 98-99.

DUNN,B.M. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/06/30, 29pp. ,48X:19232-185,ODI:GPU 6021 ,TN:GB07 IRRELEVANT

8307050419 Transcript of BM Dunn 790702 deposition.Pp 104-105,157,  
164-167,169,171-172,175-176,179-182,199,203-206,208-212 &  
219-220.

DUNN,B.M. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/07/02, 30pp. ,48X:19232-214,ODI:GPU 6022 ,TN:GB07 IRRELEVANT

8307050431 Transcript of NS Elliott 791017 deposition.Pp 9-10,13-15,  
17-19 & 22-28.

ELLIOTT,N.S. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/17, 16pp. ,48X:19232-270,ODI:GPU 6025 ,TN:GB07 IRRELEVANT

8307050436 Transcript of FR Faist 791019 deposition.Pp 7-30,34 & 38-39.

FAIST,F.R. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/19, 28pp. ,48X:19232-286,ODI:GPU 6026 ,TN:GB07 IRRELEVANT

8307070165 Partial deposition of JF walters on 790706.

WALTERS,J.F. :Babcock & Wilcox Co.  
: :  
DATE ISS:79/07/06, 17pp. ,48X:19357-027,ODI:GPU 6047 ,TN:GB07 IRRELEVANT

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8307070183 Partial deposition of EA Womack on 791015.

WOMACK, E.A. : Babcock & Wilcox Co.  
: :  
DATE ISS: 79/10/15, 46pp. , 48X: 19357-069, ODI: GPU 6053 , TN: GB07 IRRELEVANT

8307070185 Partial deposition of EA Womack on 790630.

WOMACK, E.A. : Babcock & Wilcox Co.  
: :  
DATE ISS: 79/06/30, 30pp. , 48X: 19357-116, ODI: GPU 6054 , TN: GB07 IRRELEVANT

OUT OF SEQUENCE EXHIBITS

8307090124 Comments on 790529 memo re plant computer post-trip requirements.

FAIRBROTHER, D. : Babcock & Wilcox Co.  
LUTZ, R. I. : Babcock & Wilcox Co.  
DATE ISS: 79/06/11, 4pp. , 48X: 19490-357, ODI: GPU 0301 , TN: GB07 7.8

8307080794 Operational log. Summary of 790328 accident at TMI-2.

\* : Babcock & Wilcox Co.  
: :  
DATE ISS: 79/03/28, 2pp. , 48X: 19491-311, ODI: GPU 2701 , TN: GB07 IRRELEVANT

8307050366 Transcript of Zewe 790719 testimony.

ZEWE, : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 79/09/19, 2pp. , 48X: 19232-067, ODI: GPU 6003 AA , TN: GB07 IRRELEVANT

002519 RECORDS SCANNED 382 RECORDS PRINTED ( 153 RECORDS, 229 SUPP.)  
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CATEGORY 8  
TRIAL TESTIMONY

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290543 Testimony of ER Frederick on 821209 in New York, NY. Pp 3,734-3,906.

FREDERICK, E.R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/12/09, 172pp. , 48X: 19031-361, ODI: , TN: GB08

IRRELEVANT

8306290437 Testimony of DF Hallman on 821112 in New York, NY. Pp 1,267-1,337.

HALLMAN, D.F. : Babcock & Wilcox Co.

DATE ISS: 82/11/12, 71pp. , 48X: 19025-183, ODI: , TN: GB08

IRRELEVANT

8307260345 Testimony of B Mehler on 830118 in New York, NY. Pp 6,954-6,994.

MEHLER, B. : General Public Utilities - GPU Service Corp.

DATE ISS: 83/01/18, 41pp. , 48X: 19040-339, ODI: , TN: GB08

IRRELEVANT

8306290450 Testimony of WH Zewe on 821119 in New York, NY. Pp 2,040-2,137. Pp 2,040-2,061 withheld.

ZEW, W.H. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/19, 75pp. , 48X: 19027-233, ODI: , TN: GB08

IRRELEVANT

003037 RECORDS SCANNED 4 RECORDS PRINTED ( 0 RECORDS, 4 SUPP.)  
ENDING CODE= 186 LAST KEY= ZODIACO, V.P. 790511GB07

**CATEGORY 8  
DEPOSITIONS**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290728 Deposition of NL Beers on 820708 in New York, NY. Pp 152-308.

BEERS, M. L. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/07/08, 159pp. , 48X: 19057-289, ODI: , TN: 6B08 IRRELEVANT

8306290879 Deposition of TG Broughton on 820205 in New York, NY.  
Pp 400-551.

BROUGHTON, T. G. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/02/05, 151pp. , 48X: 19060-098, ODI: , TN: 6B08 IRRELEVANT

8306290872 Deposition of TG Broughton on 820209 in New York, NY.  
Pp 553-714.

BROUGHTON, T. G. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/02/09, 163pp. , 48X: 19059-293, ODI: , TN: 6B08 IRRELEVANT

8306290954 Deposition of J Brummer on 820310 in New York, NY. Pp 1-156.

BRUMMER, J. A. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/03/10, 156pp. , 48X: 19063-135, ODI: , TN: 6B08 IRRELEVANT

8306290713 Deposition of CC Faust on 810819 in New York, NY. Pp 129-412.

FAUST, C. C. : Metropolitan Edison Co.  
DATE ISS: 81/08/19, 283pp. , 48X: 19072-331, ODI: , TN: 6B08 IRRELEVANT

8306290701 Deposition of CC Faust on 810821 in New York, NY. Pp 413-566.

FAUST, C. C. : Metropolitan Edison Co.  
DATE ISS: 81/08/21, 153pp. , 48X: 19073-275, ODI: , TN: 6B08 IRRELEVANT

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8306290703 Deposition of CC Faust on B10924 in New York, NY. Pp 569-712.

FAUST, C. C. : Metropolitan Edison Co.

DATE ISS: 81/09/24, 143pp. , 48X: 19074-068, ODI: , TN: GBOB

IRRELEVANT

8306290786 Deposition of ER Frederick on B20513 in New York, NY.  
Pp 884-982.

FREDERICK, E. R. : Metropolitan Edison Co.

DATE ISS: 82/05/13, 98pp. , 48X: 19080-151, ODI: , TN: GBOB

IRRELEVANT

8306290823 Deposition of C Goslow on B20108 in New York, NY. Pp 154-306.

GOSLOW, C. : Babcock & Wilcox Co.

DATE ISS: 82/01/08, 153pp. , 48X: 19082-338, ODI: , TN: GBOB

IRRELEVANT

8306290764 Deposition of DF Hallman on B20120 in New York, NY. Pp 210-353.

HALLMAN, D. F. : Babcock & Wilcox Co.

DATE ISS: 82/01/20, 144pp. , 48X: 19085-192, ODI: , TN: GBOB

IRRELEVANT

8306290900 Deposition of R Keaten on B20108 in New York, NY. Pp 488-626.

KEATEN, R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/01/08, 137pp. , 48X: 19096-317, ODI: , TN: GBOB

IRRELEVANT

8306290918 Deposition of R Keaten on B20121 in New York, NY. Pp 905-1,056. Index of exhibits encl.

KEATEN, R. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/01/21, 152pp. , 48X: 19098-009, ODI: , TN: GBOB

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8306290793 Deposition of RL Long on 820521 in New York, NY. Pp 417A-47B.

LONG, R. L. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/05/21, 61pp. , 48X: 19695-240, ODI: , TN: 6B08

IRRELEVANT

8306290851 Deposition of AW Miller on 811201 in Middletown, PA. Pp 1-131.

MILLER, A. W. : General Public Utilities - GPU Service Corp.  
DATE ISS: 81/12/01, 131pp. , 48X: 19134-028, ODI: , TN: 6B08

IRRELEVANT

8306290909 Deposition of WE Potts on 820107 in New York, NY. Pp 1-176.

POTTS, W. E. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/01/07, 176pp. , 48X: 19139-203, ODI: , TN: 6B08

8.1

8306290878 Deposition of FJ Scheimann on 820428 in New York, NY. Pp 724-881.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/04/28, 158pp. , 48X: 19145-235, ODI: , TN: 6B08

IRRELEVANT

8306290751 Deposition of WH Zewe on 820526 in New York, NY. Pp 480-645.

ZEWE, W. H. : General Public Utilities - GPU Service Corp.  
DATE ISS: 82/05/26, 165pp. , 48X: 19167-079, ODI: , TN: 6B08

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000635 RECORDS SCANNED 17 RECORDS PRINTED ( 2 RECORDS, 15 SUPP. )  
ENDING CODE- 186 LAST KEY- ZEWE, W. H. 8205280807

CATEGORY 8

EXHIBITS

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020095 Transcript of 790425 interview w/B Mehler.

MEHLER, B. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/25, 16pp. ,48X:19245-181,ODI:B&W 0238 ,TN:GB08 IRRELEVANT

8307020098 Transcript of 790510 interview w/B Mehler.

MEHLER, B. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/05/10, 45pp. ,48X:19246-004,ODI:B&W 0239 ,TN:GB08 IRRELEVANT

8307020104 Expresses desire that corrective action be completed on listed major equipment problems prior to restart of test program & power operation.

WARD, E.G. :Babcock & Wilcox Co.  
BARTON, J.J. :General Public Utilities - GPU Service Corp.  
DATE ISS:78/05/02, 1p. ,48X:19246-050,ODI:B&W 0243 ,TN:GB08 IRRELEVANT

8307050290 Rev 8 to Administrative Procedure 1012, "Shift Relief & Log Entries."

\* :General Public Utilities - GPU Service Corp.  
DATE ISS:77/11/04, 12pp. ,48X:19327-061,ODI:B&W 0253 ,TN:GB08 IRRELEVANT

8307050304 TMI staff interview w/C Faust re sequence of events leading up to turbine trip.

FAUST, C. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/03/30, 12pp. ,48X:19327-101,ODI:B&W 0258 ,TN:GB08 IRRELEVANT

8307050526 Preliminary inquiry of TMI incident of 790328.

ZEW, W.H. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/04/03, 50pp. ,48X:19327-282,ODI:B&W 0271 ,TN:GB08 IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050535 Rev 11 to Emergency Procedure 2202-1.3, "Loss of Reactor  
Coolant/Reactor Coolant Sys Pressure."

WARREN,R.P. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:78/10/06, 26pp. ,48X:19327-192,ODI:B&W 0272 ,TN:GB08 IRRELEVANT

8307050537 Forwards LER 79-014/01X-0,updating LER 79-014/01L-0.

HOVEY,G.K. :General Public Utilities - GPU Service Corp.  
GRIER,B.H. :Region 1, Philadelphia, Office of the Director (81/03/01)  
DATE ISS:81/05/11, 2pp. ,48X:19328-023,ODI:B&W 0275 ,TN:GB08 IRRELEVANT

8307080653 Radiation monitoring sys operability logs.

\* :Metropolitan Edison Co.  
: :  
DATE ISS:79/03/28, 9pp. ,48X:19333-073,ODI:B&W 0308 ,TN:GB08 IRRELEVANT

8307080659 Work request issue logs for 771221-790403.

\* :Metropolitan Edison Co.  
: :  
DATE ISS:79/04/03, 8pp. ,48X:19333-138,ODI:B&W 0309 ,TN:GB08 IRRELEVANT

8307080689 Charts for 790328.

\* :Metropolitan Edison Co.  
: :  
DATE ISS:79/03/28, 21pp. ,48X:19333-118,ODI:B&W 0315 ,TN:GB08 IRRELEVANT

8308230601 Transcript of TMI Investigative Task Force Taped Interview 6  
(Keaton Tapes) on 790919.Pp 1-60.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/09/19, 61pp. ,48X:20125-307,ODI:B&W 0347F ,TN:GB08 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8308230623 Transcript of TMI Investigative Task Force Taped Interview  
12 (Keaten Tapes) on 790920, Pd 1-59.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/09/20, 60pp. ,48x:20126-301,ODI:B&W 0347L ,TN:GB08

IRRELEVANT

8307080691 Lists items which must be accomplished to complete GPU/Met  
Ed review of TMI-2 accident & underlying causes.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/12/03, 6pp. ,48x:19403-061,ODI:B&W 0353 ,TN:GB08

IRRELEVANT

8307080708 Transcript of task force interviews.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/09/19, 110pp. ,48x:19404-024,ODI:B&W 0361 ,TN:GB08

IRRELEVANT

8307080709 Transcript of interview w/util crew not directly involved in  
790328 accident.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/01/21, 288pp. ,48x:19404-134,ODI:B&W 0362 ,TN:GB08

IRRELEVANT

8307080064 Procedure 054 "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/19, 43pp. ,48x:19334-005,ODI:B&W 0377 ,TN:GB08

IRRELEVANT

8307080241 Second draft of GPU Task Force "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/06, 66pp. ,48x:19335-190,ODI:B&W 0402 ,TN:GB08

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080244 Forwards third draft to, "Interim Summary Rept."

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48X:19336-118,ODI:B&W 0403 ,TN:GB08 IRRELEVANT

8307080247 Third draft of "Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/17, 73pp. ,48X:19336-119,ODI:B&W 0403 ,TN:GB08 IRRELEVANT

8307080660 "TMI II Transient Outline" covering loss of feedwater,  
alternate scenarios & radioactive releases.

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:82/02/09, 65pp. ,48X:19392-065,ODI:B&W 0410 ,TN:GB08 IRRELEVANT

8307080630 Deposition of G Kunder on 790918 in Middletown, PA. Pp 1-119.

KUNDER, G.A. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/09/18, 296pp. ,48X:19393-130,ODI:B&W 0421 ,TN:GB08 IRRELEVANT

8307090168 "TMI Staff Interview: E Frederick."

VANWHITBECK, T. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/04/06, 6pp. ,48X:19398-116,ODI:B&W 0655 ,TN:GB08 IRRELEVANT

8307110747 Transcript of oversight hearings on 790509, 10, 11 & 13 before  
Task Force of Subcommittee on Energy & Environ of Committee  
on Interior & Insular Affairs, in Washington, DC re accident  
at TMI.

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:82/05/11, 88pp. ,48X:19477-265,ODI:B&W 0662 ,TN:GB08 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110724 Requests formation of fire member task force to complete investigation of encl seven specific issues re 790328 incident.

ARNOLD,R.C. :General Public Utilities - GPU Service Corp.  
KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/27, 5pp. ,48X:19445-169,ODI:B&W 0694 ,TN:GB08 IRRELEVANT

8307110732 Submits questions re IMI-2 incident on 790328.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/06/13, 3pp. ,48X:19445-177,ODI:B&W 0697 ,TN:GB08 IRRELEVANT

8307110735 Submits tasks & subtasks for task teams.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/09, 16pp. ,48X:19445-180,ODI:B&W 0698 ,TN:GB08 IRRELEVANT

8307110739 Forwards first rough draft, "GPU Task Force Interim Summary Rept."

KEATON,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/28, 1p. ,48X:19446-002,ODI:B&W 0699 ,TN:GB08 IRRELEVANT

8307110744 Requests copy of encl package re task force draft rept.

LONG,R.L. :Babcock & Wilcox Co.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/07, 6pp. ,48X:19446-060,ODI:B&W 0700 ,TN:GB08 IRRELEVANT

8307110752 "GPU Task Force Investigative Rept."

BROUGHTON,T.G. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/11/27, 46pp. ,48X:19446-134,ODI:B&W 0702 ,TN:GB08 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110757 "GPU Accident Review Task Force Final Summary Rept."

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:80/03/24, 43pp. ,48X:19446-346,ODI:B&W 0703 ,TN:GB08 IRRELEVANT

8307110763 Forwards TDR TMI-111, "Analysis of TMI-2 Operator Response,"  
for review. Comments requested by 790625.

BROUGHTON, T.G. :General Public Utilities - GPU Service Corp.  
LONG, R. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/06/21, 32pp. ,48X:19447-062,ODI:B&W 0705 ,TN:GB08 IRRELEVANT

8307110769 "Analysis of TMI-2 Operator Response."

WALSH, P.S. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/05/20, 36pp. ,48X:19447-066,ODI:B&W 0706 ,TN:GB08 IRRELEVANT

8307090353 Forwards response to 791025 notice of violation & notice of  
proposed issuance of civil penalties based on IE  
investigation of 790328 accident.

ARNOLD, R.C. :Metropolitan Edison Co.  
STELLO, V. :Office of Inspection & Enforcement, Office of the Director  
DATE ISS:79/12/05, 97pp. ,48X:19492-019,ODI:B&W 0707 ,TN:GB08 IRRELEVANT

8307090026 Forwards TMI staff interview of H McGovern dtd 790504 &  
DA Berry notes on 790329 re 790328 incident.

ZODIACO, V.P. :General Public Utilities - GPU Service Corp.  
BLAKE, E.L. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/05/10, 447pp. ,48X:19449-031,ODI:B&W 0719 ,TN:GB08 IRRELEVANT

8307090054 Notes on operational aspects of 790328 event.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/07/17, 17pp. ,48X:19450-134,ODI:B&W 0726 ,TN:GB08 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090012 "IE Radiological Sequence of Events."

\* :Office of Inspection & Enforcement, Office of the Director  
:;  
DATE ISS:79/07/19, 18pp. ,48X:19453-004,ODI:B&W 0728 ,TN:GB08 IRRELEVANT

8307090014 "NRC Sequence of Events:Miscellaneous Notes."

\* :Office of Inspection & Enforcement, Office of the Director  
:;  
DATE ISS:79/06/22, 2pp. ,48X:19453-022,ODI:B&W 0729 ,TN:GB08 IRRELEVANT

8307120252 Discusses items & assignment of responsibilities needed to  
address NRC IE investigation draft rept findings.Initial  
response requested by 790822 & final response by 790912.

WALLACE,E.G. :General Public Utilities - GPU Service Corp.  
BEHRLE,W.H. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/06, 3pp. ,48X:19454-130,ODI:B&W 0730 ,TN:GB08 IRRELEVANT

8307120265 Forwards comments on NRC radiological sequence of events on  
790328-30 & IE testimony to NRC.

WOODARD,K. :Pickard, Lowe & Gerrick, Inc.  
LONG,R. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/12, 66pp. ,48X:19454-133,ODI:B&W 0731 ,TN:GB08 IRRELEVANT

8307120301 Draft transcript of 790412 interview w/W Zewe.

ZEWE,W. :Metropolitan Edison Co.  
:;  
DATE ISS:79/04/12, 67pp. ,48X:19456-003,ODI:B&W 0748 ,TN:GB08 IRRELEVANT

8307120304 Transcript of 790406 interview of w/W Zewe.

ZEWE,W. :Metropolitan Edison Co.  
:;  
DATE ISS:79/04/06, 16pp. ,48X:19456-069,ODI:B&W 0749 ,TN:GB08 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120336 Transcript of W Zewe interview on 790423-24 in  
Middletown,PA.

ZEW E,W. :Metropolitan Edison Co.  
:

DATE ISS:79/04/24, 80pp. ,48X:19456-097,ODI:B&W 0754 ,TN:GB08

IRRELEVANT

8307130376 Ack receipt of 791205 ltr in response to NRC 791025 ltr  
transmitting notice of violation & proposed imposition of  
civil penalties in amount of \$155,000 re inoperability of  
flow paths to steam generator.

STELLO,V. :Director's Office, Office of Inspection and Enforcement

ARNOLD,R.C. :Metropolitan Edison Co.

DATE ISS:80/01/23, 35pp. ,48X:19501-066,ODI:B&W 0833 ,TN:GB08

IRRELEVANT

8307090342 Forwards third draft investigative task force summary rept  
re TMI accident.Rept reflects revs discussed during  
791011-12 meetings.Comments requested by 791022.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.

DATE ISS:79/10/17, 77pp. ,48X:19400-185,ODI:B&W 0907 ,TN:GB08

IRRELEVANT

8307090384 Transcript of IE interview of H Hartman on 790522.

HARTMAN,H. :General Public Utilities - GPU Service Corp.  
:

DATE ISS:79/05/22, 61pp. ,48X:19486-275,ODI:B&W 1021 ,TN:GB08

IRRELEVANT

8307090279 Transcript of ACRS Subcommittee on TMI-2 790606 meeting in  
Middletown,PA.Pp 1-192.

\* :ACRS - Advisory Committee on Reactor Safeguards  
:

DATE ISS:79/06/06, 227pp. ,48X:19487-104,ODI:B&W 4012 ,TN:GB08

IRRELEVANT

8307120700 Deposition of JB Logan on 790805 in Harrisburg,PA.Pp 113-  
116.

LOGAN,J.B. :Metropolitan Edison Co.  
:

DATE ISS:79/08/05, 5pp. ,48X:19495-278,ODI:B&W 4041 ,TN:GB08

IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307130088 Transcript of 790406 util interview.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/04/06, 1p. ,48X:19496-358,ODI:B&W 5002AA ,TN:GB08 IRRELEVANT

8307010274 "Final Rept of TMI-2 Occurrence,Technical Review Committee."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/07/31, 234pp. ,48X:19179-316,ODI:GPU 0006 ,TN:GB08 IRRELEVANT

8307020007 "Final Rept of TMI-2 Occurrence,Technical Review Committee."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:83/06/30, 54pp. ,48X:19228-221,ODI:GPU 0007 ,TN:GB08 IRRELEVANT

8307020218 Forwards info re transient which occurred at plant on 790328 as received. Info should be used w/caution. Possibility info incorrect as reported, contradictory w/other repts or incorrect as recorded.

WANDLING, G.K. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/03/29, 13pp. ,48X:19225-123,ODI:GPU 0138 ,TN:GB08 IRRELEVANT

8307080729 Minutes of 791108 & 30 staff meetings to review findings & recommendations of Technical Review Committee established after TMI-2 accident.

BALL, R.M. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/12/07, 29pp. ,48X:19490-014,ODI:GPU 0232 ,TN:GB08 IRRELEVANT

8307130163 Emergency Operating Spec 69-1001168-00, "Loss of Reactor Coolant/RCS Pressure."

VEENSTRA, J. :Babcock & Wilcox Co.  
:;  
DATE ISS:77/01/05, 8pp. ,48X:19503-257,ODI:GPU 0474 ,TN:GB08 IRRELEVANT



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

- 8307070382 Discusses near-term design improvements identified in 790416 meeting w/ACRS. Mods will provide operators w/more positive indication of PORV position & saturated temp condition indicator for RCS.  
MACMILLAN, J.H. : Babcock & Wilcox Co.  
DENTON, H.R. : Office of Nuclear Reactor Regulation, Director  
DATE ISS: 79/04/26, 1p. , 48X:19341-109, ODI:GPU 0534 , TN:GB08 IRRELEVANT
- 8307070292 Speech entitled "B&W Capabilities & Experience Supporting Plant Startup, Operations & Maint," presented at 780306-07 nuclear operating experience seminar in Hershey, PA.  
BAKER, R.J. : Babcock & Wilcox Co.  
DATE ISS: 78/03/06, 37pp. , 48X:19338-118, ODI:GPU 2027 , TN:GB08 IRRELEVANT
- 8307080071 Forwards IE Insp Repts 50-289/78-23 & 50-320/78-36 on 781204-08 & 12-14 & notice of violation.  
BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 79/01/09, 2pp. , 48X:19358-066, ODI:GPU 2103 , TN:GB08 IRRELEVANT
- 8307080104 Forwards IE Insp Repts 50-289/79-01 & 50-320/79-01 on 790108-11. No noncompliance noted.  
BRUNNER, E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 79/01/29, 2pp. , 48X:19339-107, ODI:GPU 2105 , TN:GB08 IRRELEVANT
- 8307080333 Forwards IE Insp Repts 50-289/79-03 & 50-320/79-04 on 790213-15, 24-25, 28 & 0301-02 & notice of violation.  
GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 79/04/14, 3pp. , 48X:19339-128, ODI:GPU 2107 , TN:GB08 IRRELEVANT
- 8307120934 Transcript of 790423 TMI-2 investigation interview w/E Frederick. Pd 1-101.  
FREDERICK, E. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/06/28, 102pp. , 48X:19500-185, ODI:GPU 2161 , TN:GB08 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080216 Problem re loss of feedwater while operating at 98% power.

\* :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/03/28, 1p. ,48X:19361-157,ODI:GPU 2415 ,TN:GB08 IRRELEVANT

8307080295 Discusses top 10 lessons learned from Unit 2 accident.

KOSIBA,R.E. :Babcock & Wilcox Co.  
MACMILLAN,J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/11, 4pp. ,48X:19361-217,ODI:GPU 2426 ,TN:GB08 IRRELEVANT

8307080520 Forwards IE Insp Rept 50-289/79-06 on 790221-23 & 26-28.No  
noncompliance noted.

BRUNNER,E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:79/03/21, 2pp. ,48X:19361-356,ODI:GPU 2462 ,TN:GB08 IRRELEVANT

8307070234 Partial transcript of IE TMI investigation interview of  
C Faust on 790421.

FAUST,C. :General Public Utilities - GPU Service Corp.  
: |  
DATE ISS:79/04/21, 82pp. ,48X:19357-289,ODI:GPU 6059A ,TN:GB08 IRRELEVANT

002519 RECORDS SCANNED 64 RECORDS PRINTED ( 2 RECORDS, 62 SUPP.)  
ENDING CODE- 186 LAST KEY- GPU 6060AA 830712092004

CATEGORY 9  
TRIAL TESTIMONY

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290450 Testimony of WH Zewe on 821119 in New York, NY. Pp 2,040-  
2,137. Pp 2,040-2,061 withheld.

ZEW, W.H. ; General Public Utilities - GPU Service Corp.

DATE ISS: 82/11/19, 75pp. , 48X: 19027-233, ODI: , TN: GB09 9.1

003037 RECORDS SCANNED 1 RECORDS PRINTED ( 0 RECORDS, 1 SUPP.)  
ENDING CODE= 186 LAST KEY= ZODIACO, V.P. 7905116807

**CATEGORY 9  
DEPOSITIONS**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290704 Deposition of F Faist on B20323 in New York, NY. Pp 1-137.  
Supporting documentation encl.

FAIST, F. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/03/23, 148pp. , 48X: 19072-052, ODI: , TN: 0809 **IRRELEVANT**

8307060447 Deposition of CC Faust on B10820 in New York, NY. Pp 276-412.

FAUST, C. C. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/08/20, 136pp. , 48X: 19301-291, ODI: , TN: 0809 **IRRELEVANT**

8306290703 Deposition of CC Faust on B10924 in New York, NY. Pp 569-712.

FAUST, C. C. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/09/24, 143pp. , 48X: 19074-068, ODI: , TN: 0809 **IRRELEVANT**

8306290733 Deposition of JR Floyd on B20428 in New York, NY. Pp 294-422.

FLOYD, J. R. : Metropolitan Edison Co.  
: :  
DATE ISS: 82/04/28, 128pp. , 48X: 19077-014, ODI: , TN: 0809 **9.1**

8306290786 Deposition of ER Frederick on B20513 in New York, NY.  
Pp 884-982.

FREDERICK, E. R. : Metropolitan Edison Co.  
: :  
DATE ISS: 82/05/13, 98pp. , 48X: 19080-151, ODI: , TN: 0809 **9.1**

8306290793 Deposition of RL Long on B20521 in New York, NY. Pp 417A-47B.

LONG, R. L. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/05/21, 61pp. , 48X: 19695-240, ODI: , TN: 0809 **IRRELEVANT**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290878 Deposition of FJ Scheimann on 820428 in New York, NY. Pp 724-  
881.

SCHEIMANN, F. J. : General Public Utilities - GPU Service Corp.

DATE ISS: 82/04/28, 158pp. , 48X: 19145-235, ODI: , TN: GB09 9.1

000635 RECORDS SCANNED 7 RECORDS PRINTED ( 0 RECORDS, 7 SUPP. )  
ENDING CODE- 186 LAST KEY- ZEWE, W. H. 820528GB07





**CATEGORY 9**

**EXHIBITS**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020095 Transcript of 790425 interview w/B Mehler.

MEHLER, B. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/04/25, 16pp. ,48X:19245-181,ODI:B&W 0238 ,TN:GB09 9.1

8307120620 Forwards final rept on 780423 reactor trip/ES of 780423 incident.

SEELINGER, J.L. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:78/05/04, 89pp. ,48X:19501-267,ODI:B&W 0246 ,TN:GB09 IRRELEVANT

8307050297 Transcript of E Frederick & C Faust 790329 statement of events leading up to incident. Hand-written copy encl.

FREDERICK, E. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/03/29, 6pp. ,48X:19327-095,ODI:B&W 0257 ,TN:GB09 IRRELEVANT

8307050304 TMI staff interview w/C Faust re sequence of events leading up to turbine trip.

FAUST, C. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/03/30, 12pp. ,48X:19327-101,ODI:B&W 0258 ,TN:GB09 9.1

8307050320 Suggests areas in which evaluation of 790423 incident could be more accurate & complete. Concentration suggested in areas of malfunctioning safeties, flow testing of Mu-V-16a & poorly-designed alarm sys.

FREDERICK, E. :General Public Utilities - GPU Service Corp.  
:Babcock & Wilcox Co.  
DATE ISS:78/05/03, 5pp. ,48X:19327-131,ODI:B&W 0264 ,TN:GB09 IRRELEVANT

8307050526 Preliminary inquiry of TMI incident of 790328.

ZEWE, W.H. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/04/03, 50pp. ,48X:19327-282,ODI:B&W 0271 ,TN:GB09 9.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050535 Rev 11 to Emergency Procedure 2202-1.3, "Loss of Reactor  
Coolant/Reactor Coolant Sys Pressure."

WARREN,R.P. :General Public Utilities - GPU Service Corp.

DATE ISS:78/10/06, 2pp. ,48X:19327-192,ODI:B&W 0272 ,TN:GB09

IRRELEVANT

8307050537 Forwards LER 79-014/01X-0,updating LER 79-014/01L-0.

HOVEY,G.K. :General Public Utilities - GPU Service Corp.

GRIER,B.H. :Region 1, Philadelphia, Office of the Director (81/03/01)  
DATE ISS:81/05/11, 2pp. ,48X:19328-023,ODI:B&W 0275 ,TN:GB09

IRRELEVANT

8307070397 First draft "GPU Task Force Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/28, 5pp. ,48X:19321-250,ODI:B&W 0347 ,TN:GB09

9.1

8308230601 Transcript of TMI Investigative Task Force Taped Interview 6  
(Keaten Tapes) on 790919.Pp 1-60.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/19, 61pp. ,48X:20125-307,ODI:B&W 0347F ,TN:GB09

9.1

8308230619 Transcript of TMI Investigative Task Force Taped Interview  
11 (Keaten Tapes) on 790920.Pp 1-66.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/20, 67pp. ,48X:20126-234,ODI:B&W 0347K ,TN:GB09

9.1

8308230623 Transcript of TMI Investigative Task Force Taped Interview  
12 (Keaten Tapes) on 790920.Pp 1-59.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:79/09/20, 60pp. ,48X:20126-301,ODI:B&W 0347L ,TN:GB09

9.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070438 Second draft "GPU Task Force Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/06, 57pp. ,48X:19322-016,ODI:B&W 0349 ,TN:GB09 9.1

8307080673 Forwards "GPU Task Force Interim Summary Rept," third draft  
re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48X:19402-181,ODI:B&W 0350 ,TN:GB09 9.1

8307080681 Forwards "GPU Task Force Interim Summary Rept" re findings &  
conclusions to date & presenting preliminary recommendations  
re TMI-2 accident on 790328.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/29, 1p. ,48X:19402-339,ODI:B&W 0351 ,TN:GB09 9.1

8307080688 "GPU Accident Review Task Force Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/11/28, 41pp. ,48X:19403-019,ODI:B&W 0352 ,TN:GB09 9.1

8307080691 Lists items which must be accomplished to complete GPU/Met  
Ed review of TMI-2 accident & underlying causes.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/12/03, 6pp. ,48X:19403-061,ODI:B&W 0353 ,TN:GB09 9.1

8307080693 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:80/03/24, 41pp. ,48X:19403-068,ODI:B&W 0354 ,TN:GB09 9.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080695 "GPU Accident Review Task Force Final Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:80/05/12, 50pp. ,48X:19403-112,ODI:B&W 0355 ,TN:GB09 9.1

8307080698 "GPU Accident Review Task Force Final Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:80/12/15, 49pp. ,48X:19403-161,ODI:B&W 0356 ,TN:GB09 9.1

8307080699 Forwards marked-up task force rept indicating significant differences from interim rept.w/o encl.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
DIECKAMP,H.M. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/09/02, 1p. ,48X:19404-017,ODI:B&W 0357 ,TN:GB09 IRRELEVANT

8307080708 Transcript of task force interviews.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/09/19, 110pp. ,48X:19404-024,ODI:B&W 0361 ,TN:GB09 9.1

8307080709 Transcript of interview w/util crew not directly involved in 790328 accident.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/01/21, 288pp. ,48X:19404-134,ODI:B&W 0362 ,TN:GB09 9.1

8307080717 Forwards results, conclusions & recommendations re Task 1, Subtask 4 & Task 2, Subtasks 5 & 7 concerning TMI-2 accident review.

KITTELSON,L.L. :Metropolitan Edison Co.  
TSAGGARIS,A. :Metropolitan Edison Co.  
DATE ISS:79/09/28, 21pp. ,48X:19405-064,ODI:B&W 0365 ,TN:GB09 9.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080064 Procedure 054 "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/19, 43pp. ,48x:19334-005,ODI:B&W 0377 ,TN:GB09 IRRELEVANT

8307080227 Forwards first draft "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/28, 1p. ,48x:19335-127,ODI:B&W 0400 ,TN:GB09 9.1

8307080241 Second draft of GPU Task Force "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/06, 66pp. ,48x:19335-190,ODI:B&W 0402 ,TN:GB09 9.1

8307080244 Forwards third draft to, "Interim Summary Rept."

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 1p. ,48x:19336-118,ODI:B&W 0403 ,TN:GB09 9.1

8307080247 Third draft of "Interim Summary Rept."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/17, 73pp. ,48x:19336-119,ODI:B&W 0403 ,TN:GB09 9.1

8307080630 Deposition of G Kunder on 790918 in Middletown,PA.Pp 1-119.

KUNDER,G.A. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/09/18, 296pp. ,48x:19393-130,ODI:B&W 0421 ,TN:GB09 9.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090163 Testimony of E Frederick re accident at TMI-2.

FREDERICK, E. :Metropolitan Edison Co.

DATE ISS:79/05/10, 79pp. ,48X:19398-037,ODI:B&W 0654 ,TN:GB09 9.1

8307110747 Transcript of oversight hearings on 790509,10,11 & 13 before Task Force of Subcommittee on Energy & Environ of Committee on Interior & Insular Affairs, in Washington, DC re accident at TMI.

\* :Babcock & Wilcox Co.

DATE ISS:82/05/11, 88pp. ,48X:19477-265,ODI:B&W 0662 ,TN:GB09 9.1

8307110724 Requests formation of fire member task force to complete investigation of encl seven specific issues re 790328 incident.

ARNOLD, R.C. :General Public Utilities - GPU Service Corp.

KEATEN, R.W. :General Public Utilities - GPU Service Corp.

DATE ISS:79/06/27, 5pp. ,48X:19445-169,ODI:B&W 0694 ,TN:GB09 9.1

8307110732 Submits questions re TMI-2 incident on 790328.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/06/13, 3pp. ,48X:19445-177,ODI:B&W 0697 ,TN:GB09 IRRELEVANT

8307110735 Submits tasks & subtasks for task teams.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/07/09, 16pp. ,48X:19445-180,ODI:B&W 0698 ,TN:GB09 9.1

8307110739 Forwards first rough draft, "GPU Task Force Interim Summary Rept."

KEATON, R.W. :General Public Utilities - GPU Service Corp.

:General Public Utilities - GPU Service Corp.

DATE ISS:79/09/28, 1p. ,48X:19446-002,ODI:B&W 0699 ,TN:GB09 9.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110744 Requests copy of encl package re task force draft rept.

LONG, R.L. :Babcock & Wilcox Co.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/07, 6pp. ,48x:19446-060,ODI:B&W 0700 ,TN:GB09 **IRRELEVANT**

8307110752 "GPU Task Force Investigative Rept."

BROUGHTON, T.G. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/11/27, 46pp. ,48x:19446-134,ODI:B&W 0702 ,TN:GB09 **9.1**

8307110757 "GPU Accident Review Task Force Final Summary Rept."

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:80/03/24, 43pp. ,48x:19446-346,ODI:B&W 0703 ,TN:GB09 **9.1**

8307090353 Forwards response to 791025 notice of violation & notice of  
proposed issuance of civil penalties based on IE  
investigation of 790328 accident.

ARNOLD, R.C. :Metropolitan Edison Co.  
STELLO, V. :Office of Inspection & Enforcement, Office of the Director  
DATE ISS:79/12/05, 97pp. ,48x:19492-019,ODI:B&W 0707 ,TN:GB09 **9.1**

8307110780 "Development of Technical Support for TMI-2 Accident."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/10/31, 2pp. ,48x:19447-156,ODI:B&W 0711 ,TN:GB09 **9.1**

8307110783 Draft ANS paper re TMI-2 onsite technical support group  
activities to identify & solve problems by priority.

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:79/10/23, 12pp. ,48x:19447-158,ODI:B&W 0712 ,TN:GB09 **9.1**



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307110785 Draft "Analysis of Technical Support Following TMI-2  
Accident."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/10/29, 24pp. ,48X:19447-170,ODI:B&W 0713 ,TN:GB09 9.1

8307110787 Draft of "Analysis of Technical Support Following TMI-2  
Accident."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/10/29, 12pp. ,48X:19447-194,ODI:B&W 0714 ,TN:GB09 9.1

8307110788 Draft of Technical Support Resources & Organization."

\* :Babcock & Wilcox Co.  
: DATE ISS:82/05/20, 9pp. ,48X:19447-012,ODI:B&W 0715 ,TN:GB09 9.1

8307110791 Draft "Organization for Technical Support."

\* :Babcock & Wilcox Co.  
: DATE ISS:82/05/20, 7pp. ,48X:19447-021,ODI:B&W 0716 ,TN:GB09 9.1

8307090026 Forwards TMI staff interview of H McGovern dtd 790504 &  
DA Berry notes on 790329 re 790328 incident.

ZODIACO,V.P. :General Public Utilities - GPU Service Corp.  
BLAKE,E.L. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/05/10, 447pp. ,48X:19449-031,ODI:B&W 0719 ,TN:GB09 9.1

8307090054 Notes on operational aspects of 790328 event.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/07/17, 17pp. ,48X:19450-134,ODI:B&W 0726 ,TN:GB09 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120252 Discusses items & assignment of responsibilities needed to address NRC IE investigation draft rept findings. Initial response requested by 790822 & final response by 790912.

WALLACE, E.G. :General Public Utilities - GPU Service Corp.  
BEHRLE, W.H. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/06, 3pp. ,48X:19454-130, ODI:B&W 0730 ,TN:GB09 9.1

8307120265 Forwards comments on NRC radiological sequence of events on 790328-30 & IE testimony to NRC.

WOODARD, K. :Pickard, Lowe & Garrick, Inc.  
LONG, R. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/12, 66pp. ,48X:19454-133, ODI:B&W 0731 ,TN:GB09 9.1

8307090147 Interview of GP Miller re TMI-2 event on 790328.

MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:82/06/11, 31pp. ,48X:19453-148, ODI:B&W 0800 ,TN:GB09 9.1

8307130376 Ack receipt of 791205 ltr in response to NRC 791025 ltr transmitting notice of violation & proposed imposition of civil penalties in amount of \$155,000 re inoperability of flow paths to steam generator.

STELLO, V. :Director's Office, Office of Inspection and Enforcement  
ARNOLD, R.C. :Metropolitan Edison Co.  
DATE ISS:80/01/23, 35pp. ,48X:19501-066, ODI:B&W 0833 ,TN:GB09 9.1

8307120056 Investigation interview w/GA Kunder on 790425 in Middletown, PA.

KUNDER, G.A. :Metropolitan Edison Co.  
DATE ISS:79/04/25, 59pp. ,48X:19457-150, ODI:B&W 0864 ,TN:GB09 9.1

8307090342 Forwards third draft investigative task force summary rept re TMI accident. Rept reflects revs discussed during 791011-12 meetings. Comments requested by 791022.

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/10/17, 77pp. ,48X:19400-185, ODI:B&W 0907 ,TN:GB09 9.1

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090279 Transcript of ACRS Subcommittee on TMI-2 790606 meeting in  
Middletown, PA. Pp 1-192.

\* :ACRS - Advisory Committee on Reactor Safeguards  
:;  
DATE ISS:79/06/06, 227pp. ,48X:19487-104,ODI:B&W 4012 ,TN:GB09 9.1

8307120687 Transcript of E Frederick interview on 790510 before  
President's Commission.

FREDERICK, E. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/05/10, 79pp. ,48X:19462-308,ODI:B&W 4020 ,TN:GB09 9.1

8307010274 "Final Rept of TMI-2 Occurrence, Technical Review  
Committee."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/07/31, 234pp. ,48X:19179-316,ODI:GPU 0006 ,TN:GB09 9.1

8307020007 "Final Rept of TMI-2 Occurrence, Technical Review Committee."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:83/06/30, 54pp. ,48X:19228-221,ODI:GPU 0007 ,TN:GB09 IRRELEVANT

8307080702 Forwards draft of recommended emergency response plan  
developed by AIF subcommittee. Plan will be submitted to AIF  
Steering Committee on TMI by 790801.

MACMILLAN, J.H. :Babcock & Wilcox Co.  
KOSIBA, R.E. :Babcock & Wilcox Co.  
DATE ISS:79/07/23, 7pp. ,48X:19490-001,ODI:GPU 0226 ,TN:GB09 9.1

8307080729 Minutes of 791108 & 30 staff meetings to review findings &  
recommendations of Technical Review Committee established  
after TMI-2 accident.

BALL, R.M. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/12/07, 29pp. ,48X:19490-014,ODI:GPU 0232 ,TN:GB09 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307050403 Revised Chapter 13 to FSAR, "Conduct of Operations."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:78/04/07, 67pp. ,48X:19230-001,ODI:GPU 2156 ,TN:GB09 9.1

8307120934 Transcript of 790423 TMI-2 investigation interview W/E  
Frederick.Pp 1=101.

FREDERICK,E. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/06/28, 102pp. ,48X:19500-185,ODI:GPU 2161 ,TN:GB09 9.1

8307080483 "Emergency & Abnormal Procedures Quiz - Senior Reactor  
Operator."

KUNDER,S.A. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:76/10/20, 3pp. ,48X:19361-313,ODI:GPU 2456 ,TN:GB09 IRRELEVANT

8307080487 "Emergency & Abnormal Procedures Quiz - Senior Reactor  
Operator."

KUNDER,G. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:77/01/09, 8pp. ,48X:19361-316,ODI:GPU 2457 ,TN:GB09 IRRELEVANT

8307080498 Submits recommendations for RCS lo-lo pressure alarm &  
electromagnetic relief valve reset pressure,per high  
pressure injection setpoint.

ROGERS,L.C. :Babcock & Wilcox Co.  
TOOLE,R.J. :Metropolitan Edison Co.  
DATE ISS:78/09/29, 2pp. ,48X:19361-341,ODI:GPU 2459 ,TN:GB09 IRRELEVANT

8307080520 Forwards IE Insp Rept 50-289/79-06 on 790221-23 & 26-28.No  
noncompliance noted.

BRUNNER,E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Support  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:79/03/21, 2pp. ,48X:19361-356,ODI:GPU 2462 ,TN:GB09 IRRELEVANT

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307080573 "Small Break Operating Guidelines - Davis-Besse Unit 1."

WALLMAN, D.F. :Babcock & Wilcox Co.

DATE ISS:79/11/20, 37pp. ,48X:19362-025,ODI:GPU 2467 ,TN:GB09

IRRELEVANT

8307080581 "Operating Guidelines for Small Breaks for Oconee 1,2 & 3,  
TMI-1 & TMI-2, Crystal River 3 & Rancho Seco I."

\* :Babcock & Wilcox Co.

DATE ISS:83/07/06, 48pp. ,48X:19362-066,ODI:GPU 2468 ,TN:GB09

IRRELEVANT

8307070132 Partial deposition of LC Rogers on 790504.

ROGERS, L.C. :Babcock & Wilcox Co.

DATE ISS:79/05/04, 43pp. ,48X:19356-179,ODI:GPU 6040 ,TN:GB09

9.1

8307070183 Partial deposition of EA Womack on 791015.

WOMACK, E.A. :Babcock & Wilcox Co.

DATE ISS:79/10/15, 46pp. ,48X:19357-069,ODI:GPU 6053 ,TN:GB09

9.1

8307070234 Partial transcript of IE TMI investigation interview of  
C Faust on 790421.

FAUST, C. :General Public Utilities - GPU Service Corp.

DATE ISS:79/04/21, 82pp. ,48X:19357-289,ODI:GPU 6059A ,TN:GB09

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002519 RECORDS SCANNED 71 RECORDS PRINTED ( 2 RECORDS, 69 SUPP.)  
ENDING CODE= 186 LAST KEY= GPU 6060AA 830712092004



CATEGORY 10

TRIAL TESTIMONY

*Deleted at the request of the NRC Office of Investigations*





CATEGORY 10

DEPOSITIONS

*Deleted at the request of the NRC Office of Investigations*



CATEGORY 10

EXHIBITS

*Deleted at the request of the NRC Office of Investigations*



APPENDIX C

LAWSUIT RECORD - CATEGORY LOCATION MATRIX

*The entries for Category 10 have been deleted at the request of the  
NRC Office of Investigations*



GPU V. B&W TRIAL TESTIMONY

NAME	DATE	CATEGORY										COMMENTS	
		1	2	3	4	5	6	7	8	9	10		
Agar, James	12/14/82												NA
Arnold, Robert	11/15/82				X			X					
	11/16/82			X	X		X	X					
	11/17/82				X								
Bailey, Henry	12/15/82												NA
Chwastyk, Joseph	01/18/83			X	X								
Davis, Ronald	12/15/82												NA
Derivan, Michael	11/03/82	X	X	X				X					
	11/04/82	X	X	X				X					
Dunn, Bert	11/05/82							X					
	11/09/82							X					
	01/19/83							X					
	01/20/83		X	X			X	X					
Fahland, Frank	01/17/83			X									
	01/18/83												NA
Frederick, Edward	12/02/82	X	X										
	12/06/82	X	X	X			X	X					
	12/07/82	X	X	X		X	X	X					
	12/08/82	X	X	X	X								
	12/09/82	X	X	X				X	X				
	12/10/82		X		X								
	12/13/82	X	X	X	X	X		X					
Hallman, Donald	11/12/82	X	X	X						X			
	11/15/82	X	X	X	X								
Hartman, Harold, Jr.	01/18/83			X	X								
Herbein, John	01/18/83	X	X										
	01/19/83	X											
Holderness, James	01/03/83			X				X					
Jones, Robert	12/15/82				X								
	12/16/82				X								
Kane, Edward	12/14/82	X	X	X	X			X					
	12/15/82		X	X	X	X							

GPU V. B&W TRIAL TESTIMONY (Continued)

NAME	DATE	CATEGORY										COMMENTS	
		1	2	3	4	5	6	7	8	9	10		
Karrasch, Bruce	11/15/82		X										
Kelly, Joseph, Jr.	11/04/82												NA
	11/05/82			X									
Lahey, Richard	11/02/82												
	11/03/82			X									
	12/17/82			X				X					
	12/20/82			X			X	X					
	12/21/82		X					X					
	12/22/82	X	X		X		X	X					
Lind, John	12/16/82	X											
	12/21/82	X											
Marzec, Richard	01/05/83	X	X					X					
	01/06/83	X	X	X			X	X					
	01/07/83	X	X	X			X	X					
	01/10/83	X	X				X						
McBride, Arthur	12/13/82			X									
Mehler, Brian	01/18/83	X					X	X	X				
Michelson, Carlyle	12/23/82		X				X	X					
	01/04/83		X				X	X					
O'Hanlon, James	11/10/82			X									
	11/11/82			X									
Phinney, James	12/14/82		X	X			X						
Pittman, Roger	12/14/82						X						
Rogers, Leland	12/12/82		X	X				X					
	12/22/82												NA
	12/23/82		X	X				X					
Roy, Donald	12/14/82			X				X					
Scott, Thomas	12/14/82		X	X									
Seelinger, James	01/04/83	X											
	01/07/83	X		X									
Sieglitz, Richard	01/03/83	X	X				X						
	01/04/83	X	X		X	X	X						



GPU V. B&W TRIAL TESTIMONY (Continued)

NAME	DATE	CATEGORY										COMMENTS		
		1	2	3	4	5	6	7	8	9	10			
Swanson, Eric	12/15/82	X	X				X							
Taylor, James	11/09/82		X	X										
	11/11/82			X										
Wallis, Graham	01/13/83			X					X					
	01/14/83			X					X					
	01/17/83			X					X					
Walters, James	12/13/82													NA
Womack, Edgar	12/16/82		X						X					
Zewe, William	11/17/82	X	X		X									
	11/18/82	X	X	X										
	11/19/82	X	X						X		X	X		
	11/22/82	X	X	X					X					
	11/23/82		X						X					
	11/24/82	X			X									
	11/29/82	X			X				X					
	11/30/82				X									
	12/01/82	X	X	X					X	X				
	12/02/82	X	X	X										
TRIAL RECORD (DAY 1)	11/01/82	X	X	X	X	X								

GPU V. B&W LAWSUIT DEPOSITIONS

NAME	DATE	CATEGORY										COMMENTS	
		1	2	3	4	5	6	7	8	9	10		
Agar, James	04/22/82			X			X						
Albert, Jim	04/21/82		X										
Arnold, Robert	06/29/82	X	X	X	X		X						
	06/30/82		X		X		X						
	07/01/82	X	X	X	X		X						
Bailey, Henry	02/23/82												NA
Beers, Marshall	07/07/82						X						
	07/08/82								X				
Billingsley, Quincy	02/18/82		X	X			X	X					
	02/19/82		X	X			X	X					
	02/25/82		X	X			X	X					
Broughton, T. Gary	02/02/82			X	X			X					
	02/03/82							X					
	02/04/82			X									
	02/05/82			X					X				
	02/09/82	X		X	X				X				
Brown, Nelson	06/08/81	X			X								
	06/09/81	X											
	06/10/81	X											
	06/11/81	X											
	06/12/81	X			X								
	07/21/81	X	X	X									
Brummer, John	03/10/82								X				
Carlton, James	01/28/82			X			X						
Cartin, Lucius	04/13/82		X					X					
	04/14/82		X					X					
Charnoff, Gerald	06/22/81												NA
	06/23/81												NA
Davis, Ronald	04/27/82				X								
Dominguez, Andre	08/17/82	X	X	X				X					

GPU V. B&W LAWSUIT DEPOSITIONS (Continued)

NAME	DATE	CATEGORY										COMMENTS	
		1	2	3	4	5	6	7	8	9	10		
Dunn, Bert	03/11/81	X	X										
	03/12/81	X	X										
	03/13/81	X	X										
	03/19/81	X		X			X	X					
	03/20/81						X	X					
	03/23/81			X				X					
	03/24/81							X					
	04/07/81							X					
	09/15/82							X					
	09/16/82												NA
Elliott, Norman	02/05/81	X											
	02/06/81	X											
	02/11/81	X											
	02/12/81	X											
	02/13/81	X											
Faist, Fred	03/23/82	X	X	X			X	X		X			
Faust, Craig	08/18/81	X			X		X						
	08/19/81	X	X	X	X		X	X	X				
	08/20/81	X	X	X		X	X	X		X			
	08/21/81	X	X		X			X	X				
	09/24/81	X	X	X	X			X	X	X			
	09/25/81	X	X	X	X			X					
Favret, Louis	05/11/81												NA
	05/12/81												NA
	05/13/81												NA
Fels, William	12/03/81						X						
Floyd, James	02/18/82	X			X								
	02/19/82	X	X	X			X	X					
	04/28/82	X	X	X			X	X		X			
	04/29/82	X	X	X				X					
	04/30/82	X	X		X			X					

GPU V. B&W LAWSUIT DEPOSITIONS (Continued)

NAME	DATE	CATEGORY										COMMENTS	
		1	2	3	4	5	6	7	8	9	10		
Frederick, Edward	05/04/82	X			X								
	05/05/82	X	X	X			X						
	05/06/82	X	X	X		X							
	05/07/82	X		X			X	X					
	05/10/82	X		X			X	X					
	05/11/82			X			X	X					
	05/12/82	X	X	X				X					
	05/13/82	X	X					X	X	X			
Garrison, Jack	06/09/82			X									
Glickman, Frederick	03/18/81												NA
	03/19/81												NA
	03/20/81												NA
	03/24/81												NA
	05/06/81												NA
Goslow, Calvin	01/07/82	X	X										
	01/08/82	X	X	X			X		X				
	01/12/82	X	X				X						
	06/17/82	X	X	X				X					
Haimowitz, Milton	04/22/81				X								
	04/23/81				X								
	04/24/81				X								
Hallman, Donald	01/18/82	X	X	X	X		X	X					
	01/19/82	X	X	X	X								
	01/20/82	X	X						X				
	01/21/82	X	X				X						
	01/22/82	X	X	X		X	X						
	06/15/82	X	X	X			X						
	06/16/82	X	X	X			X						
Harbin, Ronald	07/07/81			X	X								
	07/08/81			X	X								
	07/09/81			X									
	07/10/81			X									
	10/01/81			X	X		X						

GPU V. B&W LAWSUIT DEPOSITIONS (Continued)

NAME	DATE	CATEGORY										COMMENTS	
		1	2	3	4	5	6	7	8	9	10		
Hartman, Harold	07/16/82	X			X		X						
	08/18/82				X		X						
Herbein, John	06/30/82	X	X	X	X		X	X					
	07/01/82	X	X	X	X		X						
	07/02/82	X	X	X	X								
Hickey, James	05/13/81												NA
Illjes, Theodore	08/10/82	X			X								
Jones, Robert	06/30/81												NA
	07/01/81												NA
	07/02/81		X	X			X	X					
Kane, Edward	12/15/81			X				X					
	12/16/81			X									
	12/17/81		X	X				X					
	12/18/81	X	X	X				X					
Karrasch, Bruce	06/16/81		X					X					
	06/17/81		X										
	06/18/81			X									
	06/19/81	X	X	X				X	X				
	09/29/81		X	X				X					
	09/30/81		X	X				X	X				
Keaten, Robert	01/04/82												
	01/05/82	X											
	01/06/82			X	X								
	01/07/82	X						X					
	01/08/82	X	X	X				X		X			
	01/19/82	X	X	X	X	X							
	01/20/82	X	X	X	X			X					
	01/21/82	X	X		X	X	X	X	X	X			
Kelly, Joseph, Jr.	05/04/81	X		X									
	05/05/81	X	X	X									
	05/06/81	X	X										
	05/07/81	X	X										

GPU V. B&W LAWSUIT DEPOSITIONS (Continued)

NAME	DATE	CATEGORY										COMMENTS
		1	2	3	4	5	6	7	8	9	10	
Kennedy, Robert	01/27/82			X			X	X				
Kosiba, Richard	04/27/81											NA
	04/28/81							X				
	04/29/81											NA
	05/18/81											NA
	05/19/81	X					X					
Kunder, George	02/10/82											
	02/11/82											
	02/12/82											NA
	06/30/82											NA
	07/01/82				X							
	07/02/82		X	X								
LaBelle, Danny	06/02/81				X			X				
	06/03/81	X		X				X				
	06/04/81		X				X	X				
Lanese, Louis	03/24/82	X	X	X	X			X				
	03/25/82			X			X	X				
	03/26/82			X				X				
	04/19/82			X			X	X				
Lind, John	06/22/82	X										
	06/23/82	X										
Long, Robert	05/18/82				X			X				
	05/19/82				X			X				
	05/20/82	X	X	X	X			X				
	05/21/82	X			X			X	X	X		
MacMillan, John	06/09/82											
	06/10/82	X	X			X	X					
Mazella, John	05/20/81											NA
	05/21/81											NA
McBride, Arthur	08/25/82											NA
	08/26/82											NA
McDaniel, George	05/27/81											NA

GPU V. B&W LAWSUIT DEPOSITIONS (Continued)

NAME	DATE	CATEGORY										COMMENTS	
		1	2	3	4	5	6	7	8	9	10		
Mehler, Brian	07/28/81	X	X	X	X	X	X						
	07/29/81			X	X		X	X					
	07/30/81	X		X	X	X	X						
	07/31/81		X	X	X	X							
Mestres, Ricardo, Jr.	06/30/81												NA
Michelson, Carlyle	03/18/82		X					X	X				
	03/19/82	X	X					X	X				
Miller, Adam	12/01/81		X				X		X	X			
Miller, Gary	06/02/82	X	X		X								
	06/03/82		X										
	06/04/82		X	X									
	06/07/82	X	X										
	06/08/82	X	X	X									
	06/09/82			X	X								
	06/10/82	X		X									
	06/11/82		X	X									
Murray, Terry	01/28/82	X	X	X									
Noll, Richard	07/14/82		X		X			X					
Perrone, Paul	06/24/82							X					
Phinney, James	01/13/82	X	X	X	X	X							
	01/14/82		X					X	X				
Pittman, Roger	06/28/82			X				X	X				
Potts, William	01/07/82	X	X	X	X	X	X	X	X	X			
	01/08/82		X	X				X					
Rodriguez, Ronald	08/24/81												NA
Rogers, Leland	08/11/81												NA
	08/12/81												NA
	08/13/81												NA
Ross, Michael	11/17/81	X	X										
	11/18/81												NA
Roy, Donald	02/02/82												NA
	02/03/82												NA

**GPU V. B&W LAWSUIT DEPOSITIONS (Continued)**

NAME	DATE	CATEGORY										COMMENTS	
		1	2	3	4	5	6	7	8	9	10		
Scheimann, Frederick	02/23/82	X	X			X	X						
	02/25/82	X	X										
	02/26/82	X	X	X									
	04/01/82	X	X				X						
	04/02/82		X				X						
	04/27/82	X	X				X						
	04/28/82	X	X				X		X	X			
	06/08/82	X	X	X			X						
	06/09/82	X	X				X						
Scott, Thomas	04/30/82												NA
Seelinger, James	10/19/81	X											
	10/20/81	X	X										
	10/21/81	X	X	X									
	10/22/81	X	X	X		X	X						
	10/23/81	X	X	X				X					
Shetler, James	04/23/82		X				X						
Shovlin, Daniel	07/16/82		X		X	X	X						
Swanson, Eric	07/21/82						X	X					
	07/22/82			X			X	X					
Taylor, James	05/19/81						X	X					
	05/20/81							X					
	05/21/81												NA
	05/22/81						X						
Toole, Ronald	06/22/81	X	X	X	X	X							
	06/23/81	X	X	X		X	X						
	07/06/81		X	X			X						
	07/07/81		X	X			X						
	07/08/81			X			X						
Wallace, Edward	05/05/82												NA
	05/06/82												NA



GPU V. B&W LAWSUIT DEPOSITIONS (Continued)

NAME	DATE	CATEGORY										COMMENTS	
		1	2	3	4	5	6	7	8	9	10		
Walters, James	04/13/81												NA
	04/14/81		X	X					X				
	04/15/81			X									
	04/16/81			X					X				
	04/17/81												NA
	07/08/82												NA
	07/09/82												NA
Wandling, George	07/14/81												NA
Ward, Edwin	05/19/82												NA
Weaver, Douglas	12/02/81												NA
Williams, Ronald	08/12/82	X	X		X			X					
Wilson, John	07/21/81												
Womack, Edgar	12/08/80			X					X				
	12/09/80		X					X	X				
	12/10/80												NA
	12/19/80												NA
	01/26/81							X					
	01/27/81							X					
Zechman, Richard	03/10/82	X			X								
	03/11/82	X			X								
	03/12/82	X		X	X								
	03/24/82	X	X	X	X								
	03/25/82	X		X	X								
	03/26/82	X	X		X								
	04/29/82	X			X								
Zewe, William	05/20/82	X	X		X			X					
	05/21/82	X	X					X					
	05/24/82	X	X	X				X					
	05/25/82	X		X			X	X					
	05/26/82	X	X				X	X		X			
	05/27/82	X	X					X					
	05/28/82	X						X	X				

B&W EXHIBITS

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
1												NA
2												NA
3												NA
4												NA
5												NA
6												NA
7				X								
8												NA
9												NA
10												NA
11												NA
12												NA
13												NA
14												NA
15												NA
16												NA
17												NA
18												NA
19												NA
20												NA
21												NA
22												NA
23				X								
24					X							
25				X								
26				X								
27				X								
28				X								
29				X								
30				X								
31				X								
32				X	X							

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
33											NA
34											NA
35				X							
36											NA
37											NA
38					X						
39											NA
40											NA
41											NA
42											NA
43											NA
44											NA
45											NA
46											NA
47											NA
48											NA
49											NA
50											NA
51											NA
52											NA
53											NA
54											NA
55	X										
56											NA
57	X										
58	X										
59	X										
60	X										
61											NA
62											NA
63											NA
64											NA

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
65												NA
66												NA
67												NA
68												NA
69												NA
70												NA
71												NA
72	X		X	X								
73	X		X	X								
74												
75	X		X	X								
76												NA
77			X									
78	X		X									
79	X	X	X	X		X						
80			X									
81												NA
82												NA
83												NA
84												NA
85												NA
86												NA
87												NA
88												NA
89												NA
90												NA
91												NA
92												NA
93												NA
94												NA
151				X								
152		X										

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
153					X							
154												NA
155												NA
156		X	X			X						
157												NA
158					X							
159												NA
160			X			X						
161			X			X						
162			X			X						
163			X			X						
164						X						
165						X						
166						X						
167						X						
168			X			X						
169			X									
170		X										
171			X									
172			X			X						
173		X										
174												NA
175												NA
176												NA
177		X										
178					X	X						
179				X	X							
180			X			X						
181			X									
182			X									
183			X									
184		X	X									

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
185			X									
186			X				X					
187			X									
188			X				X					
189						X						
190						X						
191			X									
192			X									
193			X									
194			X									
200												NA
201												NA
202												NA
203												
204			X			X						
205			X			X						
206		X										
207												NA
208	X	X	X			X						
209	X	X				X	X					
210												Do not duplicate list.
211			X									
212			X									
213												NA
214	X											
215	X											
216	X											
217												NA
218												
219												
220												
221												

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
222												
223	X											
224	X											
225												NA
226	X											
227	X											
228												
229												
230												
231												NA
232	X	X										
233	X											
234	X											
235	X			X								
236						X						
237		X			X							
238			X		X	X	X	X	X			
239		X		X	X	X	X	X				
240												NA
241												Do not duplicate list.
242												Do not duplicate list.
243				X	X	X		X				
244			X			X						
245			X	X		X						
246	X	X	X			X				X		
247			X	X	X							
248		X										
249						X						
250												NA
251												
252		X										
253		X			X			X				

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
254											Do not duplicate list.
255		X		X							
256		X									
257		X				X	X		X		
258		X				X	X	X	X		
259											NA
260											NA
261		X									
262						X					
263											NA
264	X		X	X		X			X		
265											NA
266											NA
267											NA
268											NA
269											NA
270											NA
271	X	X	X	X		X	X	X	X		
272		X		X			X	X	X		
273											Do not duplicate list.
274											Tape recording
275		X		X				X	X		
276	X										
277	X										
278	X										
278A	X										
279			X				X				
280						X	X				
281							X				
282		X									
283											NA
284											NA



B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
285												NA
286												NA
287												NA
288												NA
289	X											
290	X											
291	X											
292	X											
293	X											
294	X											
295		X			X							
296	X											
297	X		X									
298			X									
299												
300												NA
301												NA
302	X											
303												NA
304	X											
305												
306												NA
307												NA
308							X	X				
309								X				
310							X					
311							X					
312							X					
313						X	X					
314							X					
315							X	X				
316												NA

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
317		X			X							
318												NA
319												NA
320												NA
321												NA
322												NA
323												NA
324												NA
325												NA
326												NA
327												NA
328												NA
329												NA
330												NA
331												NA
332												NA
333												NA
334												NA
335												NA
336												
337						X						
338												
339				X								
340												
341						X						
342												NA
343				X								
344												
345												
346	X			X	X	X						
347	X	X	X	X	X	X	X		X			
347A					X	X						

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
347B											NA
347C			X			X					
347D	X	X			X						
347E	X		X								
347F	X		X					X	X		
347G	X	X	X	X	X						
347H				X	X		X				
347I	X	X		X	X	X	X				
347J	X	X	X	X	X	X					
347K	X	X	X	X	X	X				X	
347L	X	X	X			X	X	X	X		
347M	X	X	X			X					
347N				X	X						
347O											
348											
349	X	X	X	X	X	X				X	
350	X	X	X	X	X	X				X	
351	X	X	X	X	X	X				X	
352	X	X	X	X	X	X				X	
353		X	X	X	X	X		X	X		
354	X	X	X	X	X	X	X			X	
355	X	X	X	X	X	X	X			X	
356	X	X	X	X	X	X	X			X	
357	X	X	X	X		X				X	
358											NA
359											NA
360	X	X	X	X	X						
361	X	X				X		X	X		
362	X	X			X	X		X	X		
363											NA
364				X		X					
365	X	X				X				X	

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
366	X	X	X			X						
367		X	X	X		X						
368						X						
369			X	X		X						
370			X									
371												NA
372												NA
373												NA
374	X	X	X									
375												NA
376	X					X						
377	X	X	X	X		X		X	X			
378												NA
379	X	X	X			X						
380				X								
381												NA
382		X		X	X							
383		X										
384			X			X						
385			X			X						
386	X	X	X	X								
387				X								
388							X					
389			X				X					
390												NA
391			X				X					
392			X									
393			X									
394			X									
395			X									
396			X									
397			X									

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
398			X									
399			X									
400			X	X						X		
401			X									
402	X	X	X	X	X				X	X		
403	X	X	X	X	X				X	X		
404			X									
405	X	X										
406	X	X										
407	X	X	X									
408			X									
409												NA
410			X						X			
411			X									
412			X					X				
413												NA
414												Do not duplicate list.
415												Do not duplicate list.
416												NA
417		X										
418												NA
419								X				
420												
421					X			X	X	X		
422				X		X						
423						X						
424												Do not duplicate list.
425		X			X							
426		X										
427			X			X						
428		X	X			X						
429						X						

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
430						X					
431						X					
432						X					
433		X				X					
434		X									
435						X					
436						X					
437						X					
438						X					
439						X					
440						X					
441						X					
442		X				X					
443						X					
444			X		X	X					
445			X			X					
446						X					
447						X					
448						X					
449						X					
450						X					
451						X					
452						X					
453		X				X					
454						X					
455						X					
456						X					
457						X	X				
458						X	X				
459						X	X				
460	X			X							
461	X			X							

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
462	X			X							
463	X			X							
464	X			X							
465	X						X				
466	X						X				
467		X									
468	X	X									
469		X									
470	X	X									
510							X				
511						X					
512							X				
513							X				
514	X			X							
515	X			X							
516	X	X		X	X						
517	X										
518	X			X							
519				X							
520	X			X							
521			X								
522	X			X							
523	X			X							
524	X	X		X							
525	X					X					
526	X					X					
527	X					X					
528	X										
529	X					X					
530	X										
531	X					X					
532	X					X					

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
533	X											
534	X											
535	X	X				X						
536	X											
537	X	X	X			X						
538												NA
539		X										
540		X										
541												NA
542						X	X					
543						X						
544						X	X					
550							X					
551							X					
552							X					
553						X						
554												NA
555												NA
556	X			X								
557	X											
558	X											
559												NA
560	X											
561	X											
562												NA
563	X			X								
564	X											
565	X			X								
566	X			X								
567	X											
568	X											
569												NA



B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
570	X											
571	X											
572												Do not duplicate list.
573		X										
591												NA
592												NA
593												NA
594												NA
595												NA
596												NA
597												NA
598												NA
599												NA
600												NA
601												NA
602												NA
603				X								
604		X	X			X						
605		X					X					
606		X					X					
607												NA
608							X					
609						X						
610		X				X						
611						X						
612							X					
613							X					
614	X	X										
615												Do not duplicate list.
616						X						
617												NA
618												NA

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
619												NA
620												NA
621												NA
622												NA
623												NA
624												NA
625												NA
626												NA
627												NA
640		X										
641												Do not duplicate list.
642												Do not duplicate list.
643												Do not duplicate list.
644						X						
645	X											
646	X											
646A	X											
647	X											
648												NA
649	X											
650	X											
651	X											
652	X											
653	X											
654			X			X	X		X			
655							X	X				
656			X		X							
657					X							
658												NA
659												NA
659-A												NA
660		X	X				X					

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
661		X	X				X				
662	X		X					X	X		
663											NA
664						X					
665					X						
666			X			X	X				
667			X			X	X				
668				X							
669				X							
670				X							
671							X				
672							X				
673							X				
674						X	X				
675							X				
676							X				
677							X				
678							X				
679							X				
680							X				
681							X				
682							X				
683							X				
684							X				
685							X				
686											NA
687		X									
688							X				
689							X				
690						X	X				
691							X				
692							X				

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
693												NA
694	X	X	X	X	X	X		X	X			
695		X		X								
696				X			X					
697	X	X	X	X		X	X	X	X			
698	X	X	X	X	X	X	X	X	X			
699	X	X	X	X	X	X	X	X	X			
700	X	X	X	X	X	X	X	X	X			
701												
702	X	X	X	X		X	X	X	X			
703	X	X	X	X	X	X	X	X	X			
704				X								
705	X	X	X	X	X	X	X	X				
706	X	X	X	X	X	X	X	X				
707	X	X	X	X	X	X	X	X	X			
708												NA
709		X										
710							X					
711		X		X			X		X			
712		X		X			X		X			
713		X		X			X		X			
714		X		X			X		X			
715		X		X			X		X			
716		X		X			X		X			
717							X					
718	X			X	X	X						
719	X		X		X		X	X	X			
720		X										
721		X										
722		X										
723	X											
724		X										

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
725		X									
726	X			X	X		X	X	X		
727	X						X				
728								X			
729	X	X		X			X	X			
730	X	X		X	X	X	X	X	X		
731							X	X	X		
735	X										
736	X										
737		X									
738		X									
739		X									
740						X					
741			X								
742						X					
743					X						
744					X						
745						X					
746		X									
747		X									
748					X	X	X	X			
749						X		X			
750						X					
751						X					
752						X					
753		X				X					
754		X				X		X			
755											NA
756											NA
758											NA
759			X								
760						X					

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
761	X	X				X						
762			X	X								
763		X		X								
764		X		X								
765		X										
766			X									
767	X			X		X						
768			X									
769		X										
770	X											
771	X											
772	X											
773	X											
774	X											
775	X											
776	X											
777	X											
778	X											
779	X											
780	X											
781			X									
782			X									
783				X								
784												NA
785			X									
786			X									
787												NA
788	X											
789	X											
790	X					X						
791		X										
792	X					X						

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
793			X									
794												NA
795												NA
796	X			X								
797	X			X								
798	X			X								
799	X			X								
800			X	X						X		
801			X	X								
802		X										
803				X								
830												NA
831				X								
832												Do not duplicate list.
833				X				X	X			
834				X		X						
835				X		X						
836				X								
837				X								
838				X								
839	X			X								
840	X			X								
841												NA
842												NA
843	X			X	X							
844	X			X								
845	X			X								
846												NA
860				X	X							
861		X		X								
862				X	X	X	X					
863												NA

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
864			X						X		
875				X							
876			X								
877			X								
878			X								
879		X									
880		X									
881		X	X		X						
882	X	X									
883	X			X							
884	X			X	X						
885	X			X							
886	X			X							
887	X			X							
888	X			X							
889											NA
890	X	X	X	X							
891		X									
892		X									
893		X		X							
894											NA
895											NA
896						X					
897				X							
898					X	X					
899					X						
900					X						
901		X			X						
902					X	X					
903			X								
904	X			X							
905	X	X			X						



B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
906						X						
907	X	X	X		X	X	X	X	X			
908	X											
909			X									
910	X					X						
911	X					X						
912	X					X						
913	X						X					
914	X	X										
915	X											
916	X	X										
1000												NA
1001												NA
1002												NA
1020	X		X									
1021	X			X		X		X				
1022	X			X	X	X						
1023				X		X						
1024		X				X						
4000												NA
4000A			X									
4001			X									
4002			X									
4003												NA
4004			X									
4005			X									
4006	X	X		X		X						
4007			X									
4008			X									
4008A-F			X									
4009			X			X						
4009A			X			X						

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
4010			X			X					
4010A						X					
4011											NA
4012	X	X	X		X	X		X	X		
4013		X		X		X	X				
4014			X				X				
4015		X		X	X						
4016	X										
4017	X										
4018					X						
4020			X				X		X		
4021		X									
4022			X				X				
4023			X								
4025				X							
4026				X							
4027				X							
4028							X				
4029		X	X			X	X				
4030							X				
4031						X					
4032					X	X					
4033			X		X	X					
4034		X			X						
4035			X			X					
4036				X	X		X				
4037					X	X					
4038					X	X					
4039					X	X					
4040			X			X					
4041		X	X			X		X			
4042			X			X					

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
4043					X	X						
4044		X			X	X						
4049						X						
4050	X		X				X					
4051							X					
4052	X	X					X					
4053							X					
4054	X		X				X					
4055							X					
4057			X				X					
4058							X					
4059			X	X								
4060												NA
4061												NA
4062												NA
4063												NA
4064												NA
4065												NA
4066				X	X							
4067			X	X			X					
4068							X					
4069							X					
4070							X					
4071							X					
4072							X					
4073							X					
4074												NA
4075			X									
4111							X					
4112			X				X					
4113												NA
5000												Tape recording

B&W EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
5000A												Tape recording
5000AA		X		X		X	X					
5000B												Tape recording
5000BB		X	X	X		X	X					
5000C												Tape recording
5000CC			X				X					
5001												Tape recording
5001A												Tape recording
5001AA				X		X	X					
5002												Tape recording
5002A												Tape recording
5002AA						X	X	X				
5003												Tape recording
5003A												Tape recording
5003AA						X						
5004												Tape recording
5004A												Tape recording
5004AA						X						
5004B												Tape recording
5004BB						X						
5005												Tape recording
5005A												Tape recording
5005AA	X			X								
5006												Tape recording
5006A												Tape recording
5006AA				X			X					
5007												Tape recording
5007A												Tape recording
5007AA							X					
5007B												Tape recording
5007BB			X	X	X	X						
5008												Tape recording



GPU EXHIBITS

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
1											NA
2											NA
3											NA
4	X	X				X	X				
5	X	X				X	X				
6	X	X				X	X	X	X		
7	X	X			X	X	X	X	X		
8						X					
9											NA
10											NA
11											NA
12											NA
13											NA
14											NA
15											NA
16											NA
17											NA
18						X	X				
19											NA
20						X	X				
21						X					
22											NA
23											NA
24											NA
25											NA
26											NA
27						X					
28						X					
29											NA
30											NA
31											NA
32						X	X				

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
33						X						
34												NA
35												NA
36												NA
37			X									
38												NA
39												NA
40												NA
41												NA
42												NA
43												NA
44												NA
45												NA
46				X								
47												NA
48												NA
49	X											
50	X			X								
51												NA
52	X											
53	X											
54												Do not duplicate list.
55												Do not duplicate list.
56												NA
57	X											
58	X											
59	X											
60	X											
61	X											
62	X											
63												NA
64	X											

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
65	X											
66												NA
67	X	X										
68	X	X										
69	X	X										
70	X											
71	X	X		X		X						
72	X	X		X		X						
73												NA
74												NA
75				X								
76	X	X				X						
77												NA
78	X	X	X									
79	X	X	X				X					
80			X			X						
81												NA
82												NA
82A		X				X	X					
83												NA
84												NA
85	X	X										
86			X									
87		X	X									
88							X					
89							X					
90			X				X					
91		X					X					
92							X					
93		X										
94		X										
95			X									



GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
96											NA
97											NA
98											NA
99							X				
100							X				
101											NA
102							X				
103			X				X				
104							X				
105											NA
106											NA
107			X								
108			X								
109							X				
110						X	X				
111											NA
112							X				
113											NA
114											NA
115											NA
116							X				
117											NA
118											NA
119											NA
120											NA
121											NA
122											NA
122A							X				
123											NA
124											NA
125											NA
126											NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
127												NA
128												NA
129												NA
130												NA
131	X		X									
132	X					X	X					
133			X			X						
134			X				X					
135		X	X			X	X					
136												NA
137												NA
138			X				X	X				
139			X									
140			X									
141												NA
142				X	X							
143												NA
144												NA
145												NA
146												NA
147	X		X			X						
148			X									
149												NA
150	X		X									
151			X									
152			X									
153	X		X				X					
154	X		X				X					
155		X										
156		X										
157	X	X										
158		X										

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
159		X										
160		X										
161		X										
162		X										
163		X										
164												NA
165												NA
166												NA
167												NA
168												NA
169												NA
170												NA
171												NA
172												NA
173												NA
174												NA
175												NA
176												NA
177												NA
178												NA
179												NA
180												NA
181												NA
182												NA
183												NA
184												NA
185												NA
186												NA
187												NA
188												NA
189												NA
190												NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
191											NA
192											NA
193											NA
194											NA
195											NA
196											NA
197											NA
198											NA
199											NA
200											NA
201											NA
202											NA
203											NA
204											NA
205											NA
206											NA
207											NA
208											NA
209											NA
210											NA
211											NA
212											NA
213	X	X	X			X					
214											NA
215						X	X				
216											NA
217											NA
218											NA
219											NA
220	X		X								
221											NA
222											NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
223												NA
224												NA
225												NA
226										X		
227												NA
228												NA
229												NA
230												NA
231												NA
232		X	X		X	X	X	X	X			
233						X						
234												NA
250												NA
251												NA
252												NA
253			X									
254			X			X	X					
255			X									
256			X									
257			X									
258												NA
259			X				X					
260						X						
261						X						
262			X			X						
263						X	X					
264							X					
265			X			X						
266							X					
267						X						
268												NA
269												NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
270												NA
271												NA
272												NA
273												NA
274												NA
275	X											
276												NA
277												NA
278												NA
279												NA
280												NA
281												NA
282							X					
283												NA
284												Do not duplicate list.
285			X	X								
286		X	X	X								
287	X	X	X	X	X	X	X					
288						X	X					
289							X					
290							X					
291							X					
292							X					
293			X			X	X					
294						X	X					
295						X	X					
296	X	X				X						
297	X	X					X					
298		X					X					
299		X					X					
300						X	X					
301						X	X					

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
302			X			X	X				
303						X	X				
304											NA
305											NA
306	X		X								
307											NA
308	X		X			X	X				
309											NA
310											NA
311											NA
312											NA
313											NA
314											NA
315											NA
316											NA
317											NA
318											NA
319											NA
320											NA
321											NA
322											NA
323		X				X	X				
324						X	X				
325											NA
326											NA
327											NA
328											NA
329											NA
330							X				
331											NA
332											NA
333											NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
334											NA
335		X					X				
336											NA
337			X				X				
338			X				X				
339			X								
340			X								
341		X									
342		X									
343		X									
344		X									
345		X									
346		X	X								
347											NA
348											NA
349											NA
350											NA
351											NA
352											NA
353											NA
354		X									
355		X									
356											NA
357											NA
358											NA
359											NA
360											NA
361											NA
362											NA
263											NA
364		X									
365											NA



GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
366												NA
367												NA
368		X										
369					X							
370					X							
371		X	X									
372												Do not duplicate list.
373												NA
374												NA
375					X							
376												NA
377												NA
378												NA
379												NA
380												NA
381			X									
382						X	X					
383							X					
384	X						X					
385												NA
386												NA
387												NA
388							X					
389						X						
390						X	X					
391			X									
392			X									
393			X									
394			X									
395			X									
396	X											
397			X				X					

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
398			X			X					
399						X					
400			X								
401											NA
402											NA
403		X				X	X				
404		X									
405		X									
406		X									
407		X									
408		X									
409					X						
410			X								
411						X					
412						X					
413						X					
414		X									
415		X									
416		X									
417											NA
418				X							
419											NA
420											NA
421											NA
422						X					
423											NA
424											NA
425			X								
426			X								
427			X			X					
428	X	X									
429	X		X								

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
430						X	X				
431						X	X				
432					X	X	X				
433						X	X				
434							X				
435			X			X					
436		X									
437		X					X				
438			X			X	X				
439											NA
440											NA
441			X			X					
442			X								
443						X					
444						X					
445											Do not duplicate list.
446											Do not duplicate list.
447			X								
448											NA
449											NA
450											NA
451											NA
452											NA
453											NA
454											NA
455											NA
456											NA
457											NA
458											NA
459											NA
460											NA
461											NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
462												NA
463												NA
464												NA
465												NA
466												NA
467												NA
468												NA
469								X				
470	X	X						X				
471							X	X				
472							X	X				
472B							X	X				
473							X	X				
474		X						X	X			
475								X				
476							X	X				
477												NA
478		X						X				
479												NA
480							X	X				
481								X				
482							X	X				
483								X				
484							X	X				
485							X					
486				X								
487					X	X	X					
488			X			X	X					
489			X		X	X	X					
490			X		X	X	X					
491			X		X	X	X					
492												NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
493											NA
494							X				
495							X				
496	X	X					X				
497			X								
498											NA
499											NA
500											NA
501											NA
502											NA
503											NA
504		X				X					
505		X				X					
506				X							
507						X					
508											NA
509	X										
510											Do not duplicate list.
511											Do not duplicate list.
512											NA
513											NA
514											NA
515											NA
516											NA
517											NA
518											NA
519											NA
520											NA
521											NA
522											NA
523											NA
524											NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
525											NA
526											NA
527											NA
528		X									
529											NA
530											NA
531											NA
532											Do not duplicate list.
533											NA
534	X		X	X		X		X			
535											NA
536		X	X			X					
537											NA
538		X									
539	X										
540						X					
541		X	X								
542	X										
543		X									
544	X	X				X					
545		X	X								
546	X	X	X								
547		X									
548		X									
549		X									
550		X	X				X				
551		X	X				X				
552		X									
553		X									
554											NA
555											NA
555A											NA

**GPU EXHIBITS (Continued)**

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
556		X					X				
557		X					X				
558		X									
559											NA
560											NA
561											NA
562											NA
563	X										
564											NA
565											NA
566											NA
567											NA
568	X										
569	X										
570											NA
571			X								
572			X			X	X				
573											NA
574											NA
575			X								
576											NA
577											NA
578											NA
579											NA
580											NA
581											NA
582											NA
583											NA
584											NA
585											NA
586											NA
587											NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
588											NA
589											NA
590											NA
591											NA
592											NA
593		X				X	X				
594						X	X				
595											NA
596			X			X					
597											NA
598			X								
599		X	X			X					
600		X									
601		X	X								
602											NA
603											NA
604											NA
605											NA
606		X									
607						X					
608											NA
609											NA
610											NA
611											NA
612											NA
613											NA
614											NA
615											NA
616											NA
617											NA
618											NA
619											NA



GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
620											NA
621											NA
622											NA
1000											NA
1001											NA
1002											NA
1003											NA
1004											NA
1010											NA
1011											NA
1012											NA
1013											NA
1014											NA
1015											NA
1020			X								
1021			X								
2001											NA
2002											NA
2003											NA
2004											NA
2005											NA
2006	X		X		X	X	X				
2007			X				X				
2008			X			X					
2009			X			X					
2010			X			X					
2011			X			X					
2012			X			X					
2013			X			X					
2014		X									
2015		X									
2016		X				X					

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
2016A							X					
2016B												NA
2017			X									
2018							X					
2019												NA
2020		X				X						
2021			X			X						
2022	X	X										
2023			X									
2024	X			X								
2025			X									
2026												NA
2027	X		X		X			X				
2028			X									
2029			X									
2030			X									
2031			X									
2032			X									
2033			X			X						
2034		X	X									
2035		X										
2036		X	X									
2037			X									
2038		X										
2039						X						
2040		X										
2041		X										
2042		X										
2043			X			X						
2046												NA
2047												NA
2048												NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
2049												NA
2050												NA
2051												NA
2052												NA
2053			X			X						
2054												NA
2055	X											
2056			X		X							
2060	X		X									
2061	X	X		X								
2062	X											
2063	X											
2064		X										
2065		X		X		X						
2066		X										
2067				X		X						
2068			X				X					
2069	X	X	X	X	X	X	X					
2070			X		X	X						
2071		X										
2072					X	X						
2073						X						
2074	X	X										
2075	X			X								
2076	X			X								
2077	X			X								
2078	X			X								
2079			X			X	X					
2080		X	X									
2081		X	X									
2082		X	X									
2083				X			X					

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
2084			X			X					
2085							X				
2086					X						
2087			X		X						
2088			X		X						
2089			X		X						
2090			X		X						
2091			X								
2092			X		X						
2093					X						
2094					X						
2095			X			X					
2096			X			X					
2097	X	X				X					
2098						X					
2099						X					
2100							X				
2101		X									
2102											NA
2103	X	X				X		X			
2104											NA
2105						X		X			
2106		X				X					
2107								X			
2108			X			X					
2109	X		X			X	X				
2110											NA
2150											NA
2151	X										
2152											NA
2153	X										
2154	X										

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
2155	X											
2156	X	X		X	X				X			
2157												NA
2158	X			X	X							
2159			X				X					
2160			X				X					
2161			X				X	X	X			
2163	X											
2165		X					X					
2166	X											
2167	X											
2168	X											
2169	X											
2171	X											
2172	X	X	X									
2173	X											
2174						X						
2175		X	X									
2176			X									
2177				X		X						
2178							X					
2179			X		X							
2181	X			X		X						
2182	X			X								
2200				X			X					
2201						X	X					
2202			X			X						
2203		X	X				X					
2204			X				X					
2205			X				X					
2206							X					
2207							X					

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
2208						X	X					
2209							X					
2210							X					
2211												NA
2212												NA
2213		X	X			X	X					
2214							X					
2215							X					
2216			X				X					
2217			X				X					
2218												NA
2219							X					
2220												NA
2221												NA
2222						X	X					
2223			X				X					
2230			X			X						
2231			X			X						
2232					X	X						
2233					X	X						
2234					X							
2235												NA
2236			X		X							
2237			X			X						
2238			X		X							
2242	X											
2249	X											
2250	X					X						
2251	X											
2252	X											
2253	X											
2254												NA

**GPU EXHIBITS (Continued)**

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
2255											NA
2256											NA
2257											NA
2258											NA
2259											NA
2260	X										
2261	X										
2262	X										
2263			X			X					
2264											NA
2265	X										
2266	X										
2267											NA
2268	X										
2269	X										
2270	X										
2271	X										
2272											NA
2273	X										
2274	X										
2275											NA
2276											NA
2277	X										
2278	X										
2279											NA
2280	X										
2281	X										
2282	X										
2283	X										
2284	X										
2285	X										
2286											NA

**GPU EXHIBITS (Continued)**

EXHIBIT NQ.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
2287											NA
2288											NA
2289	X										
2290	X										
2291	X										
2292	X										
2293	X										
2294	X										
2295	X										
2296											NA
2297											NA
2298											NA
2300											NA
2301											NA
2302	X										
2303											NA
2304											NA
2305	X										
2306											NA
2307											NA
2308											NA
2309											NA
2310	X						X				
2311		X			X						
2312											NA
2313											NA
2314											NA
2316											NA
2317											
2318											NA
2319											NA
2320											NA



GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
2321	X											
2322	X	X					X					
2323	X			X								
2324			X			X						
2325						X						
2326						X						
2327			X			X						
2328		X			X							
2329	X											
2330		X										
2331						X						
2332			X									
2333												NA
2334	X			X								
2335	X			X								
2336		X			X	X						
2337	X											
2338							X					
2339							X					
2340						X						
2341						X	X					
2342					X							
2343			X	X		X						
2344			X									
2345					X							
2346			X									
2347						X						
2348		X				X						
2349	X	X				X						
2350												NA
2384			X									
2400			X									

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
2401						X						
2402						X						
2403						X						
2404			X			X						
2405		X				X	X					
2406												NA
2407												NA
2408						X						
2409					X	X						
2410					X	X						
2411		X	X	X								
2412			X			X	X					
2413		X			X							
2414												Missing
2415							X	X				
2416						X						
2417			X									
2418			X									
2419	X											
2420	X											
2421		X	X									
2422	X											
2423						X						
2424						X						
2425						X	X					
2426	X					X	X	X				
2427												NA
2428												NA
2429						X						
2430						X	X					
2431						X	X					
2432			X									

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
2433											NA
2435						X					
2436						X					
2437											NA
2438											NA
2439			X								
2440											NA
2441											NA
2442											NA
2443											NA
2444						X					
2445			X			X	X				
2446						X					
2447						X					
2448						X					
2449						X					
2450											NA
2451						X	X				
2452											NA
2453		X									
2454					X	X					
2455											NA
2456	X	X		X			X		X		
2457	X	X		X					X		
2458		X				X					
2459		X	X			X			X		
2460	X										
2461	X										
2462	X	X		X			X	X	X		
2463											NA
2464						X	X				
2465											NA

**GPU EXHIBITS (Continued)**

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
2466		X										
2467		X				X			X			
2468		X		X					X			
2469						X						
2470						X						
2471												NA
2472												NA
2473												
2474												NA
2475												NA
2476												NA
2477												NA
2478												NA
2479												NA
2480												NA
2481												NA
2482												NA
2483												NA
2484												NA
2485												NA
2486												NA
2487												NA
2488												NA
2489												NA
2490												
2491												NA
2492		X										
2493												NA
2494		X										
2495												NA
2496												NA
2501					X	X						

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
2502												NA
2503						X	X					
2504			X									
2507			X				X					
2508		X					X					
2509												NA
2510												NA
2511			X									
2512			X									
2513			X									
2514	X			X								
2515												NA
2516												NA
2517												NA
2518												NA
2519												NA
2520												NA
2521												NA
2522												NA
2523							X					
2524												NA
2526												NA
2527						X						
2528						X						
2600			X									
2601			X									
2602												NA
2610			X									
2611			X									
2612							X					
2613			X									
2614			X									

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
2615			X									
2616			X									
2617			X									
2618			X									
2619	X	X			X	X						
2620						X						
2621							X					
2622						X	X					
2623						X	X					
2624												NA
2700							X					
2701							X					
2702						X						
2703						X						
2704						X						
2705						X						
2706						X	X					
2707	X	X					X					
3001												NA
3002												NA
3003												NA
3004												Model
3005												NA
3006												NA
3007												Model
3008												NA
3009												NA
3010												NA
3011												NA
3012												NA
3013												NA
3014												NA

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
3015												NA
3016						X						
3017						X						
3018						X						
3018A							X					
3019						X						
3019A							X					
3020						X						
3020A							X					
3021						X						
3021A							X					
3022							X					
3023												Photograph
3024												Photograph
3025												Photograph
3026												Photograph
3027												Photograph
3028												Photograph
3029												Photograph
3030	X											
3031	X											
3032												NA
3033												Photograph
3034												Photograph
3035												Photograph
3036												Photograph
3037												NA
3100			X				X					
3101			X				X					
3102			X				X					
3103			X				X					
3104			X				X					

**GPU EXHIBITS (Continued)**

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
3105			X				X				
3106			X				X				
3107			X				X				
3108			X				X				
3109			X				X				
3110											NA
3111											NA
3112											NA
3113											NA
3114							X				
3115							X				
3116							X				
3117							X				
3118							X				
3119							X				
3120							X				
3121							X				
3122							X				
3123							X				
3124							X				
3125							X				
3126							X				
3127							X				
3128							X				
3129							X				
3130							X				
3131							X				
3132							X				
3133							X				
3134											Model
3135											NA
3136							X				



GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
3137							X					
3138						X	X					
3139						X						
3140												NA
3141							X					
3142							X					
3143							X					
3144							X					
3145							X					
3146							X					
3147							X					
3148						X	X					
3149							X					
3150							X					
3151							X					
3152							X					
3153							X					
3154							X					
3155							X					
3160							X					
3161			X			X						
3162							X					
3170							X					
6000A												Tape recording
6000AA			X				X					
6000B												Tape recording
6000BB		X	X			X						
6000C												Tape recording
6000CC			X				X					
6000D												Tape recording
6000DD			X									
6001A												Tape recording

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS	
	1	2	3	4	5	6	7	8	9	10		
6001AA			X				X					
6001B												Tape recording
6001BB			X				X					
6001C												Tape recording
6001CC			X				X					
6001D												Tape recording
6001DD			X				X					
6002			X			X	X					
6003												Tape recording
6003A												Tape recording
6003AA	X		X			X	X					
6004A												Tape recording
6004AA												NA
6004B												Tape recording
6004BB												NA
6005A												Tape recording
6005AA			X			X						
6006A												Tape recording
6006AA			X			X						
6007A												Tape recording
6007AA			X				X					
6008												NA
6009												NA
6010			X			X						
6011						X						
6012												NA
6013						X						
6014												NA
6015												NA
6016												NA
6020		X	X	X			X				X	
6021	X	X		X			X				X	

GPU EXHIBITS (Continued)

EXHIBIT NO.	CATEGORY										COMMENTS
	1	2	3	4	5	6	7	8	9	10	
6022	X		X	X			X				
6023				X							
6024	X	X									
6025	X						X				
6026			X				X				
6027			X								
6028											NA
6029											NA
6030											NA
6031											NA
6032											NA
6033	X		X								
6034											NA
6035											NA
6036											NA
6037											NA
6038											NA
6039		X	X								
6040									X		
6041											NA
6042											NA
6043											NA
6044											NA
6045											NA
6046											NA
6047			X	X			X				
6048											NA
6049		X	X								
6050											NA
6051											NA
6052											NA
6053							X		X		



APPENDIX D  
UNCATEGORIZED LAWSUIT RECORD



TRIAL TESTIMONY

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307270002 Legal arguments from GPU/B&W lawsuit on 821112 in New York,  
NY.Pp 1,236-1,267.

\* :U.S. District Court, Southern District of New York  
:  
DATE ISS:82/11/12, 32pp. ,48X:19025-152,ODI: ,TN:GB11

8307260424 Testimony of JD Agar on 821214 in New York,NY.Pp 4,351-  
4,370.

AGAR,J.D. :Babcock & Wilcox Co.  
:  
DATE ISS:82/12/14, 20pp. ,48X:19033-257,ODI: ,TN:GB\*

8307260588 Testimony of MA Bailey on 821215 in New York,NY.Pp 4,487-  
4,514.

BAILEY,H.A. :Babcock & Wilcox Co.  
:  
DATE ISS:82/12/15, 18pp. ,48X:19034-032,ODI: ,TN:GB\*

8307260589 Testimony of R Davis on 821215 in New York,NY.Pp 4,515-  
4,523.

DAVIS,R. :Babcock & Wilcox Co.  
:  
DATE ISS:82/12/15, 10pp. ,48X:19034-059,ODI: ,TN:GB\*

8306290664 Testimony of FR Fahland on 830118 in New York,NY.Pp 6,929-  
6,954.

FAHLAND,F.R. :Babcock & Wilcox Co.  
:  
DATE ISS:83/01/18, 26pp. ,48X:19040-314,ODI: ,TN:GB\*

8307260471 Testimony of J Kelly on 821104 in New York,NY.Pp 688-712.

KELLY,J. :Babcock & Wilcox Co.  
:  
DATE ISS:82/11/04, 25pp. ,48X:19023-326,ODI: ,TN:GB\*



U. S. NUCLEAR REGULATORY COMMISSION  
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8307270001 Testimony of LC Rogers on 821222 in New York, NY. Pp 5,371-  
5,446.

ROGERS, L. :Babcock & Wilcox Co.

DATE ISS:82/12/22, 77pp. ,48X:19036-196,ODI: ,TN:GB\*

8307260145 Testimony of JF Walters on 821213 in New York, NY. Pp 4,086-  
4157.

WALTERS, J.F. :Babcock & Wilcox Co.

DATE ISS:82/12/13, 72pp. ,48X:19032-353,ODI: ,TN:GB\*

002321 RECORDS SCANNED 8 RECORDS PRINTED ( 8 RECORDS, 0 SUPP.)  
ENDING CODE= 186 LAST KEY= ZODIACO,V.P. 820209GB\*



DEPOSITIONS

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290721 Deposition of H Bailey on 820223 in New York, NY. Pp 1-136.

BAILEY, H. :Babcock & Wilcox Co.  
:  
DATE ISS:82/02/23, 136pp. ,48X:19057-001, ODI: ,TN:GB\*

8306290970 Deposition of G Charnoff on 810622 in Washington, DC.  
Pp 1-125.

CHARNOFF, G. :Shaw, Pittman, Potts & Trowbridge  
:  
DATE ISS:81/06/22, 128pp. ,48X:19064-241, ODI: ,TN:GB\*

8306290972 Deposition of G Charnoff on 810623 in Washington, DC.  
Pp 126-190.

CHARNOFF, G. :Shaw, Pittman, Potts & Trowbridge  
:  
DATE ISS:81/06/23, 64pp. ,48X:19065-007, ODI: ,TN:GB\*

8306290940 Deposition of BM Dunn on 820916 in New York, NY. Pp 1072-1104.

DUNN, B.M. :Babcock & Wilcox Co.  
:  
DATE ISS:82/09/16, 33pp. ,48X:19695-096, ODI: ,TN:GB\*

8306290747 Deposition of LM Favret on 810511 in New York, NY. Pp 1-164.

FAVRET, L.M. :Babcock & Wilcox Co.  
:  
DATE ISS:81/05/11, 164pp. ,48X:19075-035, ODI: ,TN:GB\*

8306290750 Deposition of LM Favret on 810512 in New York, NY. Pp 165-303.

FAVRET, L.M. :Babcock & Wilcox Co.  
:  
DATE ISS:81/05/12, 138pp. ,48X:19075-198, ODI: ,TN:GB\*

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NRC SPECIAL REPORT

8306290755 Deposition of LM Favret on 810513 in New York, NY. Pp 304-352.

FAVRET, L.M. :Babcock & Wilcox Co.

DATE ISS:81/05/13, 58pp. ,48X:19075-337, ODI: ,TN:GB\*

8306290797 Deposition of F Glickman on 810318 in New York, NY. Pp 1-112.

GLICKMAN, F. :General Public Utilities - GPU Service Corp.

DATE ISS:81/03/18, 112pp. ,48X:19081-015, ODI: ,TN:GB\*

8306290789 Deposition of F Glickman on 810319 in New York, NY. Pp 113-225.

GLICKMAN, F. :General Public Utilities - GPU Service Corp.

DATE ISS:81/03/19, 112pp. ,48X:19081-128, ODI: ,TN:GB\*

8306290783 Deposition of F Glickman on 810320 in New York, NY. Pp 226-344.

GLICKMAN, F. :General Public Utilities - GPU Service Corp.

DATE ISS:81/03/20, 120pp. ,48X:19081-241, ODI: ,TN:GB\*

8306290777 Deposition of F Glickman on 810324 in New York, NY. Pp 345-451.

GLICKMAN, F. :General Public Utilities - GPU Service Corp.

DATE ISS:81/03/24, 107pp. ,48X:19082-001, ODI: ,TN:GB\*

8306290772 Deposition of F Glickman on 810506 in New York, NY. Pp 452-527.

GLICKMAN, F. :General Public Utilities - GPU Service Corp.

DATE ISS:81/05/06, 76pp. ,48X:19082-108, ODI: ,TN:GB\*

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NRC SPECIAL REPORT

8306290725 Deposition of JM Hickey on 810513 in Toledo,OH.Pp 1-171.

HICKEY,J.M. :Toledo Edison Co.

DATE ISS:81/05/13, 171pp. ,48X:19090-285,ODI: ,TN:GB11

8306290732 Deposition of RC Jones on 810630 in New York,NY.Pp 1-143.

JONES,R.C. :Babcock & Wilcox Co.

DATE ISS:81/06/30, 143pp. ,48X:19091-250,ODI: ,TN:GB\*

8306290735 Deposition of RC Jones on 810701 in New York,NY.Pp 144-353.

JONES,R.C. :Babcock & Wilcox Co.

DATE ISS:81/07/01, 210pp. ,48X:19092-030,ODI: ,TN:GB11

8306290916 Deposition of RE Kosiba on 810427 in New York,NY.Pp 31-172.

KOSIBA,R.E. :Babcock & Wilcox Co.

DATE ISS:81/04/27, 172pp. ,48X:19100-103,ODI: ,TN:GB\*

8306290740 Deposition of RE Kosiba on 810429 in New York,NY.Pp 354-523.

KOSIBA,R.E. :Babcock & Wilcox Co.

DATE ISS:81/04/29, 170pp. ,48X:19101-096,ODI: ,TN:GB\*

8306290742 Deposition of RE Kosiba on 810518 in New York,NY.Pp 524-670.

KOSIBA,R.E. :Babcock & Wilcox Co.

DATE ISS:81/05/18, 148pp. ,48X:19101-266,ODI: ,TN:GB\*

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8306290811 Deposition of G Kunder on 820212 in New York, NY. Pp 185-276.

KUNDER, G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/02/12, 92pp. , 48X: 19102-313, ODI: , TN: GB11

8306290815 Deposition of G Kunder on 820630 in New York, NY. Pp 277-344.

KUNDER, G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/06/30, 68pp. , 48X: 19103-043, ODI: , TN: GB11

8306290807 Deposition of J Mazella on 810520 in New York, NY. Pp 1-82.

MAZELLA, J. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/05/20, 84pp. , 48X: 19130-015, ODI: , TN: GB\*

8306290810 Deposition of J Mazella on 810521 in New York, NY. Pp 83-157.

MAZELLA, J. : Metropolitan Edison Co.  
: :  
DATE ISS: 81/05/21, 74pp. , 48X: 19130-101, ODI: , TN: GB\*

8306290814 Deposition of AF McBride on 820825 in New York, NY. Pp 1-65.

MCBRIDE, A.F. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/08/25, 65pp. , 48X: 19130-179, ODI: , TN: GB\*

8306290818 Deposition of AF McBride on 820826 in New York, NY. Pp 66-133.

MCBRIDE, A.F. : Babcock & Wilcox Co.  
: :  
DATE ISS: 82/08/26, 67pp. , 48X: 19130-244, ODI: , TN: GB\*

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NRC SPECIAL REPORT

8306290821 Deposition of GT McDaniel on 810527 in New York, NY. Pp 1-80.

MCDANIEL, G.T. : Babcock & Wilcox Co.

DATE ISS: 81/05/27, 80pp. , 48X:19130-313, ODI: , TN:GB\*

8306290834 Deposition of RA Mestres on 810630 in New York, NY. Pp 1-87.

MESTRES, R.A. : Sullivan & Cromwell

DATE ISS: 81/06/30, 87pp. , 48X:19132-353, ODI: , TN:GB\*

8306290945 Deposition of R Rodriquez on 810824 in Sacramento, CA. Pp  
1-134.

RODRIGUEZ, R. : Sacramento Municipal Utility District

DATE ISS: 81/08/24, 134pp. , 48X:19140-096, ODI: , TN:GB11

8306290896 Deposition of LC Rogers on 810811 in New York, NY. Pp 1-139.

ROGERS, L.C. : Babcock & Wilcox Co.

DATE ISS: 81/08/11, 139pp. , 48X:19140-230, ODI: , TN:GB\*

8306290899 Deposition of LC Rogers on 810812 in New York, NY. Pp 140-270.

ROGERS, L.C. : Babcock & Wilcox Co.

DATE ISS: 81/08/12, 131pp. , 48X:19141-008, ODI: , TN:GB\*

8306290903 Deposition of LC Rogers on 810813 in New York, NY. Pp 271-452.

ROGERS, L.C. : Babcock & Wilcox Co.

DATE ISS: 81/08/13, 182pp. , 48X:19141-140, ODI: , TN:GB\*



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8306290917 Deposition of MJ Ross on 811118 in Harrisburg,PA.Pp 202-280.

ROSS,M.J. :Metropolitan Edison Co.  
:  
DATE ISS:81/11/18, 79pp. ,48X:19142-160,ODI: ,TN:GB\*

8306290923 Deposition of DH Roy on 820202 in New York,NY.Pp 1-170.

ROY,D.H. :Metropolitan Edison Co.  
:  
DATE ISS:82/02/02, 177pp. ,48X:19142-239,ODI: ,TN:GB\*

8306290926 Deposition of DH Roy on 820203 in New York,NY.Pp 171-352.

ROY,D.H. :Metropolitan Edison Co.  
:  
DATE ISS:82/02/03, 181pp. ,48X:19143-053,ODI: ,TN:GB\*

8306300003 Deposition of TF Scott on 820430 in New York,N.Y.Pp 1-102.

SCOTT,T.F. :Babcock & Wilcox Co.  
:  
DATE ISS:82/04/30, 102pp. ,48X:19146-214,ODI: ,TN:GB\*

8306290808 Deposition of JH Taylor on 810521 in New York,NY.  
Pp 284-426.

TAYLOR,J.H. :Babcock & Wilcox Co.  
:  
DATE ISS:81/05/21, 142pp. ,48X:19154-352,ODI: ,TN:GB\*

8306290784 Deposition of EG Wallace on 820505 in New York,NY.Pp 1-185.

WALLACE,E.G. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:82/05/05, 185pp. ,48X:19151-115,ODI: ,TN:GB\*

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8306290778 Deposition of EG Wallace on 820506 in New York, NY. Pp  
185-307.

WALLACE, E.G. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:82/05/06, 122pp. ,48X:19151-304, ODI: ,TN:GB\*

8306290835 Deposition of JF Walters on 810413 in New York, NY. Pp 1-163.

WALTERS, J.F. :Babcock & Wilcox Co.  
:  
DATE ISS:81/04/13, 163pp. ,48X:19155-257, ODI: ,TN:GB\*

8306290730 Deposition of JF Walters on 810417 in New York, NY.  
Pp 551-618.

WALTERS, J.F. :Babcock & Wilcox Co.  
:  
DATE ISS:81/04/17, 67pp. ,48X:19157-084, ODI: ,TN:GB\*

8306290734 Deposition of JF Walters on 820708 in New York, NY.  
Pp 619-733.

WALTERS, J.F. :Babcock & Wilcox Co.  
:  
DATE ISS:82/07/08, 114pp. ,48X:19157-153, ODI: ,TN:GB\*

8306290737 Deposition of JF Walters on 820709 in New York, NY.  
Pp 734-824.

WALTERS, J.F. :Babcock & Wilcox Co.  
:  
DATE ISS:82/07/09, 90pp. ,48X:19157-267, ODI: ,TN:GB\*

8306290739 Deposition of GK Wandling on 810714 in New York, NY.  
Pp 1-110.

WANDLING, G.K. :Babcock & Wilcox Co.  
:  
DATE ISS:81/07/14, 110pp. ,48X:19158-001, ODI: ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8306290743 Deposition of EG Ward on 820519 in New York, NY. Pp 1-121.

WARD, E.G. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 82/05/19, 121pp. , 48X: 19158-111, ODI: , TN: GB\*

8306290748 Deposition of DE Weaver on 811202 in Middletown, PA.  
Pp 1-153. Affidavit & corrections encl.

WEAVER, D.E. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 81/12/02, 156pp. , 48X: 19158-232, ODI: , TN: GB\*

8306290757 Deposition of EA Womack on 801210 in New York, NY. Pp 361-487.

WOMACK, E.A. : Babcock & Wilcox Co.  
: :  
DATE ISS: 80/12/10, 126pp. , 48X: 19161-258, ODI: , TN: GB\*

8306290763 Deposition of EA Womack on 801219 in New York, NY. Pp 488-642.

WOMACK, E.A. : Babcock & Wilcox Co.  
: :  
DATE ISS: 80/12/19, 144pp. , 48X: 19162-023, ODI: , TN: GB\*

002321 RECORDS SCANNED 46 RECORDS PRINTED ( 46 RECORDS, 0 SUPP.)  
ENDING CODE- 186 LAST KEY- ZODIACO, V.P. 820209GB\*



**EXHIBITS**

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307010257 Resume of F Glickman.

GLICKMAN, F. : General Public Utilities - GPU Service Corp.  
:  
DATE ISS: 81/03/18, 1p. , 48X:19200-001, ODI: B&W 0001 , TN: GB\*

8307010258 Forwards items requested by President Commission including detailed GPU organizational info & Met Ed & radiological environ data & info.

TROWBRIDGE, G.F. : Shaw, Pittman, Potts & Trowbridge  
NATALIE, R.B. : President's Commission on the Accident at Three Mile Island  
DATE ISS: 79/05/25, 136pp. , 48X:19200-002, ODI: B&W 0002 , TN: GB\*

8307010259 "Review of TMI-2 Const Project."

\* : Touche Ross & Co.  
:  
DATE ISS: 78/10/31, 282pp. , 48X:19200-138, ODI: B&W 0003 , TN: GB\*

8307010260 Rev 2 to "TMI-1 Project Organization & Responsibilities Documents."

\* : General Public Utilities - GPU Service Corp.  
:  
DATE ISS: 74/08/30, 64pp. , 48X:19201-060, ODI: B&W 0004 , TN: GB\*

8307010261 Chart on handling LOSA proposal.

\* : Babcock & Wilcox Co.  
:  
DATE ISS: 81/03/19, 1p. , 48X:19201-181, ODI: B&W 0005 , TN: GB\*

8307010263 Provides info on selection of B&W as NSSS vendor for TMI-2 in response to Article III requesting documents.

HAIMOWITZ, M. : General Public Utilities - GPU Service Corp.  
WILSON, J.F. : General Public Utilities - GPU Service Corp.  
DATE ISS: 79/07/23, 10pp. , 48X:19201-182, ODI: B&W 0006 , TN: GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307010269 NELIA Policy NF-220 including Endorsements 1 - 38.

\* :Nuclear Energy Liability Insurance Association  
:  
DATE ISS:73/12/14, 57pp. ,48X:19201-194,ODI:B&W 0008 ,TN:GB\*

8307010272 NELIA Policy MF-73 including Endorsements 1 - 3 & 5 - 33.

ABLOTH,G.C. :Mutual Atomic Energy Liability Underwriters  
:  
DATE ISS:74/05/24, 49pp. ,48X:19201-305,ODI:B&W 0009 ,TN:GB\*

8307010273 NELIA Policy 1353 including Endorsements 1 - 5.

\* :Nuclear Energy Liability Insurance Association  
:  
DATE ISS:79/01/10, 14pp. ,48X:19202-021,ODI:B&W 0010 ,TN:GB\*

8307010275 Lumbermens Mutual Casualty Co Policy TA 1084 including  
Endorsements 1 - 4.

MCNAMARA,S.D. :Lumbermens Mutual Casualty Co.  
:  
DATE ISS:79/01/10, 14pp. ,48X:19202-063,ODI:B&W 0011 ,TN:GB\*

8307010278 Clarifies understandings re master svcs contract,B&W  
proposal AP5-366,proposed for TMI-2.

GLICKMAN,F. :General Public Utilities - GPU Service Corp.  
SCHMIDT,K.F. :Babcock & Wilcox Co.  
DATE ISS:74/11/04, 2pp. ,48X:19202-077,ODI:B&W 0012 ,TN:GB\*

8307010264 Forwards final draft of "Contract for Fuel Fabrication &  
Related Svcs."

ZODIACO,V.P. :General Public Utilities - GPU Service Corp.  
STERNBERG,H. :Babcock & Wilcox Co.  
DATE ISS:76/02/27, 1p. ,48X:19202-079,ODI:B&W 0013 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307010267 "Contract for Fuel Fabrication & Related Svcs," Final draft.

\* :Babcock & Wilcox Co.  
: DATE ISS:76/02/27, 220pp. ,48X:19202-080,ODI:B&W 0013 ,TN:GB\*

8307010271 "Amend to Ltr Agreement Dtd 690301." Agreement provides for rendition by United Engineers & constructors of const mgt svcs for TMI-2.

ARNOLD,R.C. :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/07/28, 29pp. ,48X:19202-300,ODI:B&W 0014 ,TN:GB\*

8307010276 "Amend to Ltr Agreement Dtd 690301 & Accepted 690408." Agreement concerns retention of United Engineers & Contractors,Inc to provide const mgt & const svcs.

SHIPMA :United Engineers & Constructors, Inc. (subs. of Raytheon Co.)  
: DATE ISS:77/05/05, 39pp. ,48X:19202-356,ODI:B&W 0015 ,TN:GB\*

8307010279 Contract for prof engineering svcs.

CREITZ,W.M. :Metropolitan Edison Co.  
: DATE ISS:78/10/25, 27pp. ,48X:19203-061,ODI:B&W 0016 ,TN:GB\*

8307010281 "GPU Sys Manual Levels of Signature Authority."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/09/27, 27pp. ,48X:19203-117,ODI:B&W 0017 ,TN:GB\*

8307020148 Amend to 770601 agreement between Met Ed & Catalytic,Inc for craft labor,staff personnel,supervision,tools,consumable mats,nonconsumable mats & requirement & support facilities.Amend effective 790511.

HULSEBUS,J.L. :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/05/15, 58pp. ,48X:19246-123,ODI:B&W 0018 ,TN:GB\*



U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307020150 Draft Contract MMCS-78178 between Met Ed & Pennsylvania Electric Co for solidification & removal of radwaste from TMI. Draft RFP encl.

\* :Metropolitan Edison Co.  
: DATE ISS:81/03/24, 182pp. ,48X:19246-237,ODI:B&W 0019 ,TN:GB\*

8307020153 Rev 2 to agreement between Met Ed & Burkey Const Co re const of security processing ctr.

CREITZ,W.H. :Metropolitan Edison Co.  
: DATE ISS:78/01/27, 37pp. ,48X:19247-059,ODI:B&W 0020 ,TN:GB\*

8307020157 Draft "Master Svcs Agreement Between GPU,JCP&L, Met ED, Pennsylvania Electric Co & Gilbert Assoc, Inc."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:81/03/24, 62pp. ,48X:19247-124,ODI:B&W 0021 ,TN:GB\*

8307020160 "Met Ed General Terms & Conditions for Const Contracts."

\* :Metropolitan Edison Co.  
: DATE ISS:81/03/24, 83pp. ,48X:19270-001,ODI:B&W 0022 ,TN:GB\*

8307020190 "Master Contract for Engineering & Technical Svcs," between Met Ed & B&W.

ARNOLD,R. :Metropolitan Edison Co.  
: DATE ISS:75/03/27, 17pp. ,48X:19270-341,ODI:B&W 0033 ,TN:GB\*

8307020193 "Contract for Fuel Fabrication & Related Svcs," between GPU & B&W.

DIECKAMP :General Public Utilities - GPU Service Corp.  
: DATE ISS:76/03/24, 85pp. ,48X:19270-358,ODI:B&W 0034 ,TN:GB\*

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8307020196 Rev 1 to "B&W Nuclear Power Generating Div QA Program for Nuclear Equipment."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:75/03/31, 263pp. ,48X:19271-171,ODI:B&W 0034 ,TN:GB\*

8307020198 Forwards topical rept evaluation of Rev 1 to BAW-10096A, "B&W Nuclear Power Generating Div QA Program for Nuclear Equipment." Rept acceptable.

VOLLMER,R.H. :Division of Reactor Licensing (NRR-1975 only)  
MALLAY,J.F. :Babcock & Wilcox Co.  
DATE ISS:75/03/25, 1p. ,48X:19272-074,ODI:B&W 0034 ,TN:GB\*

8307020200 Topical rept evaluation of Rev 1 to BAW-10096A, "B&W Nuclear Power Generating Div QA Program for Nuclear Equipment," Rept acceptable.

\* :NRC - No Detailed Affiliation Given  
:  
DATE ISS:75/03/25, 2pp. ,48X:19272-075,ODI:B&W 0034 ,TN:GB\*

8307020203 Resume of AJ Mazella.

MAZELLA,A.J. :Metropolitan Edison Co.  
:  
DATE ISS:81/05/20, 1p. ,48X:19270-338,ODI:B&W 0036 ,TN:GB\*

8307020205 "Met Ed General Terms & Conditions for Svc Contracts."

\* :Metropolitan Edison Co.  
:  
DATE ISS:81/05/20, 35pp. ,48X:19272-173,ODI:B&W 0037 ,TN:GB\*

8307020065 Forwards B&W proposal for master svcs contract for TMI-1. History of contract & amends provided. B&W & util have been working for 32 months w/o valid master svc contract.

SMITH,S.L. :Babcock & Wilcox Co.  
MULSEBUS,J.L. :Metropolitan Edison Co.  
DATE ISS:77/05/27, 3pp. ,48X:19240-191,ODI:B&W 0039 ,TN:GB\*

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8307020072 "Master Svcs Contract Between Met Ed & B&W," unexecuted version.

\* :Babcock & Wilcox Co.

DATE ISS:77/05/17, 22pp. ,48X:19240-194,ODI:B&W 0040 ,TN:GB\*

8307020077 Telcon w/J Mullen at B&W re status of contract negotiations. Mullen requested telcopy of negotiations summary before sending response to negotiations.

MAZELLA,A.J. :Metropolitan Edison Co.

DATE ISS:77/11/02, 1p. ,48X:19240-246,ODI:B&W 0041 ,TN:GB\*

8307020079 Summarizes B&W positions on expanded scope master svcs contract.

MULLINS,J.G. :Babcock & Wilcox Co.

MAZELLA,A.J. :Metropolitan Edison Co.

DATE ISS:77/11/02, 3pp. ,48X:19240-247,ODI:B&W 0042 ,TN:GB\*

8307020085 Forwards item by item summary of negotiations re master svcs contract. Warranty portion of contract has not been discussed in detail.

MAZELLA,A.J. :Metropolitan Edison Co.

MULLIN,J. :Babcock & Wilcox Co.

DATE ISS:77/11/07, 9pp. ,48X:19240-250,ODI:B&W 0043 ,TN:GB\*

8307020089 Telecopy w/J Mullin of B&W re status of master svcs contract. Mullin will send comments to L Tayntor of B&W on 771118. Telegram will be received of B&W position except warranty.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:77/11/17, 1p. ,48X:19240-287,ODI:B&W 0044 ,TN:GB\*

8307020093 Lists remaining issues or clarification.

TAYNTON,L.F. :Babcock & Wilcox Co.

MAZELLA,A.J. :Metropolitan Edison Co.

DATE ISS:77/11/18, 2pp. ,48X:19240-288,ODI:B&W 0045 ,TN:GB\*

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8307020097 Forwards comments on expanded scope master svcs contract  
comments complete B&W position on contract.

TAYNTON,L.F. :Babcock & Wilcox Co.  
MAZELLA,A.J. :Metropolitan Edison Co.  
DATE ISS:77/11/21, 2pp. ,48X:19240-290,ODI:B&W 0046 ,TN:GB\*

8307020103 Telcon w/L Taynton of B&W re status of negotiations.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:77/11/22, 1p. ,48X:19240-292,ODI:B&W 0047 ,TN:GB\*

8307020107 Telcon w/J Mullin of B&W re B&W 771118 ltr.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:77/12/01, 1p. ,48X:19240-293,ODI:B&W 0048 ,TN:GB\*

8307020110 Telcon w/L Taynton of B&W discussing open items.Open items  
include requirement to rept all changes.Requirement  
extremely bothersome since some changes may not impact on  
project.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:77/12/05, 1p. ,48X:19240-294,ODI:B&W 0049 ,TN:GB\*

8307020112 Forwards draft expanded scope master svc contract.

MAZELLA,A.J. :Metropolitan Edison Co.  
TAYNTON,L.F. :Babcock & Wilcox Co.  
DATE ISS:77/12/13, 2pp. ,48X:19240-295,ODI:B&W 0050 ,TN:GB\*

8307020114 Proposes new clause on 10CFR21 requirements to be inserted  
into expanded scope master svcs contract.

MAZELLA,A.J. :Metropolitan Edison Co.  
TAYNTON,L.F. :Babcock & Wilcox Co.  
DATE ISS:78/01/27, 2pp. ,48X:19240-297,ODI:B&W 0051 ,TN:GB\*

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8307020115 Forwards, for signature, expanded scope master svcs contract.

MAZELLA, A.J. : Metropolitan Edison Co.  
TAYNTON, L.F. : Babcock & Wilcox Co.  
DATE ISS: 78/02/01, 1p. , 48X: 19240-299, ODI: B&W 0052 , TN: GB\*

8307020117 "Master Svcs Contract."

\* : Babcock & Wilcox Co.  
:   
DATE ISS: 81/05/21, 13pp. , 48X: 19240-300, ODI: B&W 0053 , TN: GB\*

8307020118 Resume of ND Brown.

BROWN, N.D. : Metropolitan Edison Co.  
:   
DATE ISS: 81/06/08, 3pp. , 48X: 19240-341, ODI: B&W 0054 , TN: GB\*

8307020121 B&W Manual on NSSS, VOL 1.

\* : Babcock & Wilcox Co.  
:   
DATE ISS: 76/04/30, 570pp. , 48X: 19240-346, ODI: B&W 0056 , TN: GB\*

8307020127 "Heat Transfer."

\* : Babcock & Wilcox Co.  
:   
DATE ISS: 81/06/20, 14pp. , 48X: 19242-246, ODI: B&W 0061 , TN: GB\*

8307020129 "Reactor Operations."

\* : Babcock & Wilcox Co.  
:   
DATE ISS: 81/06/10, 39pp. , 48X: 19242-288, ODI: B&W 0062 , TN: GB\*

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8307020132 "Nuclear Physics."

\* :Babcock & Wilcox Co.  
: DATE ISS:81/06/10, 22pp. ,48X:19242-355,ODI:B&W 0063 ,TN:GB\*

8307020135 "Principle of Reactor Operations,Requalification Program."

ZECHREN,R.W. :Babcock & Wilcox Co.  
: DATE ISS:74/11/19, 24pp. ,48X:19243-015,ODI:B&W 0064 ,TN:GB\*

8307020138 "Unit II Control Room Operator Training Program Reactor Theory."

\* :Babcock & Wilcox Co.  
: DATE ISS:81/06/10, 6pp. ,48X:19243-067,ODI:B&W 0065 ,TN:GB\*

8307020141 "Atomic Physics."

\* :Babcock & Wilcox Co.  
: DATE ISS:81/06/10, 5pp. ,48X:19243-073,ODI:B&W 0066 ,TN:GB\*

8307020144 "Principle of Reactor Operation Lecture for Requalification Program."

ZECHMANN,R.W. :General Public Utilities - GPU Service Corp.  
: DATE ISS:74/11/10, 1p. ,48X:19243-078,ODI:B&W 0067 ,TN:GB\*

8307010277 "Principles of Reactor Operations," requalification program.

ZECHMAN,R.W. :Babcock & Wilcox Co.  
: DATE ISS:74/11/19, 688pp. ,48X:19203-172,ODI:B&W 0068 ,TN:GB\*

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8307010280 Units 1 & 2 horsebook, Vol 1.

BROWN, N.D. : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS: 77/11/25, 716pp. , 48X:19205-140, ODI: B&W 0069 , TN: GB\*

8307020016 "Unit 1 & 2 Horse Book," Vol 2.

\* : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/06/11, 506pp. , 48X:19207-136, ODI: B&W 0070 , TN: GB\*

8307020019 "Horse Book Update."

\* : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/06/11, 14pp. , 48X:19208-282, ODI: B&W 0071 , TN: GB\*

8307020029 "Training Dept Notifications."

\* : Metropolitan Edison Co.  
: :  
DATE ISS: 79/06/08, 4pp. , 48X:19208-301, ODI: B&W 0076 , TN: GB\*

8307020042 Chart of casualty/parameter, RCS leak, once-through steam generator tube leak, steam leak out of reactor bldg & steam leak in reactor bldg.

\* : Babcock & Wilcox Co.  
: :  
DATE ISS: 81/06/12, 1p. , 48X:19209-122, ODI: B&W 0081 , TN: GB\*

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8307020045 "Integrated Control Sys Training Quiz Answer Key."

\* :Babcock & Wilcox Co.  
: DATE ISS:81/06/12, 16pp. ,48X:19209-123,ODI:B&W 0082 ,TN:GB\*

8307020109 Met Ed plant proposals.

\* :Metropolitan Edison Co.  
: DATE ISS:81/06/22, 23pp. ,48X:19215-302,ODI:B&W 0083 ,TN:GB\*

8307020111 "Met Ed Proposals-Escalation & Progress Payments."

\* :Metropolitan Edison Co.  
: DATE ISS:81/06/22, 11pp. ,48X:19215-353,ODI:B&W 0084 ,TN:GB\*

8307020113 "Bids in Response to Met Ed Invitation."

\* :Metropolitan Edison Co.  
: DATE ISS:66/08/19, 7pp. ,48X:19216-002,ODI:B&W 0085 ,TN:GB\*

8307020116 "Issues for Discussion w/B&W."

\* :Metropolitan Edison Co.  
: DATE ISS:66/09/20, 3pp. ,48X:19216-009,ODI:B&W 0086 ,TN:GB\*

8307020120 Summary of Met Ed Advisory Group 661028 meeting w/Shaw,  
Pittman,Potts,Trowbridge & Madden,Pickard,Lowe & Assoc,PA  
Electric Co & Gilbert Assoc,Inc in Reading,PA re bid  
evaluation items,balance-of-plant,criteria & design factors.

BIERMAN,G.F. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:66/11/18, 3pp. ,48X:19216-012,ODI:B&W 0087 ,TN:GB\*



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8307020126 Marked-up contract for NSSS between B&W & Met Ed.

\* :Metropolitan Edison Co.  
: DATE ISS:66/12/31, 47pp. ,48X:19216-015,ODI:B&W 0088 ,TN:GB\*

8307020130 Forwards draft contract for NSSS equipment package to be acquired from B&W. Discussion prior to forwarding copy to B&W recommended re basic concepts, especially aspects that depart from B&W proposal.

CHARNOFF, G. :Shaw, Pittman, Potts & Trowbridge  
NEIDIG, R.E. :Metropolitan Edison Co.  
DATE ISS:66/12/29, 58pp. ,48X:19216-118,ODI:B&W 0089 ,TN:GB\*

8307020133 Forwards revised draft plant contract for discussion w/B&W.

CHARNOFF, G. :Shaw, Pittman, Potts & Trowbridge  
NEIDIG, R. :Metropolitan Edison Co.  
DATE ISS:67/01/27, 1p. ,48X:19216-232,ODI:B&W 0090 ,TN:GB\*

8307020136 Draft contract for nuclear equipment for facility, between Met Ed & B&W.

\* :Metropolitan Edison Co.  
: DATE ISS:67/01/27, 53pp. ,48X:19216-233,ODI:B&W 0091 ,TN:GB\*

8307020140 Marked-up contract for nuclear equipment for facility, between Met Ed & B&W.

\* :Metropolitan Edison Co.  
: DATE ISS:67/01/14, 57pp. ,48X:19216-343,ODI:B&W 0092 ,TN:GB\*

8307020143 Forwards revised version of NSSS contract for Unit 2, incorporating almost all changes & corrections agreed on in past few months. Informs of G Gray reservations re wording in QC Section A, Article VI, Page 34.

NEELY, J.V. :Jersey Central Power & Light Co.  
CHARNOFF, G. :Shaw, Pittman, Potts & Trowbridge  
DATE ISS:69/07/18, 181pp. ,48X:19217-068,ODI:B&W 0093 ,TN:GB\*

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8307020147 Illegible list of dates & events.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:70/03/19, 5pp. ,48X:19217-249,ODI:B&W 0094 ,TN:GB\*

8307020161 Forwards "TMI-2 Initial Startup Rept."

WILSON,R.F. :General Public Utilities - GPU Service Corp.  
VARGA,S.A. :Atomic Energy Commission  
DATE ISS:79/12/21, 2pp. ,48X:19217-286,ODI:B&W 0154 ,TN:GB\*

8307020165 "TMI-2 Initial Startup Rept."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/12/21, 786pp. ,48X:19217-289,ODI:B&W 0154 ,TN:GB\*

8307020049 RO 5:on 770819,during cold shutdown,reactor bldg spray pumps failed to meet head flow curve.Cause not stated.Pumps disassembled & returned to vendor for repair.

O'TOOLE,R.J. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:77/09/06, 2pp. ,48X:19209-139,ODI:B&W 0155 ,TN:GB\*

8307020055 Summarizes Unit 2 operations review committee Meeting 265 on 780424-29 re ROs/violations,plant mods & security plan/procedures.

\* :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:81/06/23, 1p. ,48X:19209-183,ODI:B&W 0157 ,TN:GB\*

8307020060 RO:on 780329,during reactor bldg cooling surveillance,fuse blew on I-IV.Alternate source open per engineered safeguards procedure.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:78/03/29, 1p. ,48X:19209-188,ODI:B&W 0159 ,TN:GB\*

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8307020101 "GPU Startup Test Log Book 1,TMI Unit-2."

O'TOOLE,R. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:75/03/12, 588pp. ,48X:19210-126,ODI:B&W 0174 ,TN:GB\*

8307010290 GPU Startup Test Log Book 2.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:81/07/07, 552pp. ,48X:19211-354,ODI:B&W 0175 ,TN:GB\*

8307010292 GPU Startup Test Log Book 3.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:81/07/07, 604pp. ,48X:19214-001,ODI:B&W 0176 ,TN:GB\*

8307050464 TMI organization chart.Illegible.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:77/01/01, 1p. ,48X:19324-010,ODI:B&W 0200 ,TN:GB11

8307050469 TMI organization chart.Illegible.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:78/01/01, 1p. ,48X:19324-011,ODI:B&W 0201 ,TN:GB11

8307050474 TMI organization chart.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/01/01, 1p. ,48X:19324-012,ODI:B&W 0202 ,TN:GB11

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8307050480 TMI-1 organization chart.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:80/01/30, 1p. ,48X:19324-013,ODI:B&W 0203 ,TN:GB11

8307050506 Notice of violation from insp on 770613-15 & 20-21.  
Noncompliance noted: radiation area around two solidified  
radwaste containers in auxiliary bldg not posted as high  
radiation area.

\* :Office of Inspection & Enforcement, Office of the Direct  
:  
DATE ISS:77/07/29, 1p. ,48X:19324-063,ODI:B&W 0207 ,TN:GB\*

8307070199 Resume of JF Wilson.

WILSON, J.F. :Debevoise & Liberman  
:  
DATE ISS:81/05/04, 14pp. ,48X:19325-128,ODI:B&W 0213 ,TN:GB\*

8307070291 Provides final authorization for entry upon util property  
w/B&W personnel to perform Task V portion of PWR radiation  
control study on Unit 1.

HERBEIN, J.G. :Metropolitan Edison Co.  
JANIS, J.T. :Babcock & Wilcox Co.  
DATE ISS:78/03/20, 4pp. ,48X:19325-306,ODI:B&W 0217 ,TN:GB\*

8307070316 Proposes long-term training svc contract for continued  
support of training program.

HELLER, F.C. :Babcock & Wilcox Co.  
GUERIN, J.E. :Metropolitan Edison Co.  
DATE ISS:75/02/24, 2pp. ,48X:19325-346,ODI:B&W 0225 ,TN:GB\*

8307020073 "Reactor Theory."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:81/07/21, 569pp. ,48X:19243-139,ODI:B&W 0231 ,TN:GB\*

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8307020102 Notifies that members of President's Commission on Accident at TMI will visit site on 790510 & 11 to conduct preliminary interviews.

HERBEIN, J.G. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/05/08, 1p. ,48X:19246-077,ODI:B&W 0240 ,TN:GB\*

8307050289 Rev 3 to Surveillance Procedure 2301-3D1, "RCS Inventory."

WARREN, R.P. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/02/05, 35pp. ,48X:19327-026,ODI:B&W 0250 ,TN:GB\*

8307050307 Resume of C Faust.

FAUST, C. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/22, 15pp. ,48X:19327-225,ODI:B&W 0259 ,TN:GB\*

8307120634 "Training Program Description."

\* :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:78/04/07, 19pp. ,48X:19502-034,ODI:B&W 0260 ,TN:GB\*

8307050310 "TMI-2 Control Room Layout & Location of Critical Indications."

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:81/08/19, 2pp. ,48X:19327-241,ODI:B&W 0263 ,TN:GB11

8307050497 "TMI-2 Control Room Layout," Figure II-47.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:81/08/20, 1p. ,48X:19327-248,ODI:B&W 0265 ,TN:GB11

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8307050503 "TMI-2 LOCA of 790328."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/03/28, 1p. ,48X:19327-249,ODI:B&W 0266 ,TN:GB11

8307050507 "TMI-2 LOCA of 790328."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/03/28, 1p. ,48X:19327-250,ODI:B&W 0267 ,TN:GB11

8307050511 "TMI-2 LOCA."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/03/20, 1p. ,48X:19327-251,ODI:B&W 0268 ,TN:GB11

8307050514 "TMI-2 LOCA."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/03/20, 1p. ,48X:19327-252,ODI:B&W 0269 ,TN:GB11

8307050519 "TMI-2 LOCA."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/03/28, 1p. ,48X:19327-281,ODI:B&W 0270 ,TN:GB11

8307080088 "Preliminary Annotated Sequence of Events on 790328 at  
TMI-2."

\* :Babcock & Wilcox Co.  
: DATE ISS:79/05/10, 87pp. ,48X:19331-019,ODI:B&W 0283 ,TN:GB\*

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8307080094 Provides schedule for investigative task force interviews.

HARBIN,R.S. :Metropolitan Edison Co.  
BLESSING,J.J. :Metropolitan Edison Co.  
DATE ISS:79/09/14, 1p. ,48X:19331-190,ODI:B&W 0284 ,TN:GB11

8307080100 GPU Info Svcs Div personnel listing.

\* :General Public Utilities - GPU Service Corp.  
:.  
DATE ISS:79/04/01, 4pp. ,48X:19331-191,ODI:B&W 0285 ,TN:GB11

8307080105 GPU Administration Div personnel listing.

\* :General Public Utilities - GPU Service Corp.  
:.  
DATE ISS:79/04/01, 2pp. ,48X:19331-195,ODI:B&W 0286 ,TN:GB11

8307080114 GPU Communications personnel listing.

\* :General Public Utilities - GPU Service Corp.  
:.  
DATE ISS:79/04/01, 1p. ,48X:19331-225,ODI:B&W 0287 ,TN:GB11

8307080119 Met Ed Corporate Div Consumer Svcs personnel listing.

\* :Metropolitan Edison Co.  
:.  
DATE ISS:79/04/01, 1p. ,48X:19331-226,ODI:B&W 0288 ,TN:GB11

8307080183 Resume of MJ Ross.

ROSS,M.J. :Metropolitan Edison Co.  
:.  
DATE ISS:79/09/18, 6pp. ,48X:19332-014,ODI:B&W 0300 ,TN:GB\*

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8307080189 Blank page marked NIS.

\* :Metropolitan Edison Co.  
:;  
DATE ISS:81/11/17, 1p. ,48X:19332-020,ODI:B&W 0301 ,TN:GB\*

8307120676 Provides documentation on requalification training program attendance. Every effort should be made to improve poor attendance.

GOODMAN, D. :Metropolitan Edison Co.  
FLOYD, J. :Metropolitan Edison Co.  
DATE ISS:78/06/21, 1p. ,48X:19501-361,ODI:B&W 0303 ,TN:GB\*

8307080202 Informs of questions to be answered by personnel employed at Unit 2 up to 3 months before accident occurred.

HERBEIN, J.G. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:79/06/18, 465pp. ,48X:19332-023,ODI:B&W 0306 ,TN:GB\*

8307080643 Resume of Aw Miller.

MILLER, A.W. :Metropolitan Edison Co.  
:;  
DATE ISS:81/12/01, 1p. ,48X:19333-128,ODI:B&W 0307 ,TN:GB\*

8307070321 File Codes for reactor components.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/03/28, 2pp. ,48X:19329-005,ODI:B&W 0316 ,TN:GB11

8307070330 Resume of DE Weaver.

WEAVER, D.E. :Metropolitan Edison Co.  
:;  
DATE ISS:81/12/02, 3pp. ,48X:19329-009,ODI:B&W 0318 ,TN:GB\*



U. S. NUCLEAR REGULATORY COMMISSION  
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8307070339 "Unit 2 RMS Baseline Data Sheet."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:81/12/02, 8pp. ,48X:19329-012,ODI:B&W 0319 ,TN:GB\*

8307070344 "TMI Unit 2 Surveillance Procedure 2612-R2, Atmosphere  
Radiation Monitors Calibr."

SEELINGER, J.L. :Babcock & Wilcox Co.  
:;  
DATE ISS:77/11/01, 54pp. ,48X:19329-020,ODI:B&W 0320 ,TN:GB\*

8307070349 "TMI Unit 2 Surveillance Procedure 2612-R4, Liquid Radiation  
Monitor Calibr."

SEELINGER, J.L. :Babcock & Wilcox Co.  
:;  
DATE ISS:77/10/13, 31pp. ,48X:19329-130,ODI:B&W 0321 ,TN:GB\*

8307070399 "TMI Unit 2 Surveillance Procedure 2612-R5, Radiation Monitor  
Calibr G-M Tube Area Monitors."

WARREN, R.P. :Babcock & Wilcox Co.  
:;  
DATE ISS:78/07/19, 16pp. ,48X:19329-188,ODI:B&W 0322 ,TN:GB\*

8307070405 "Surveillance Performance Form Met. Ed TMI Unit 2, Radiation  
Monitor Sys."

WEAVER, D.E. :Babcock & Wilcox Co.  
:;  
DATE ISS:78/06/09, 43pp. ,48X:19329-232,ODI:B&W 0323 ,TN:GB\*

8307070415 "Surveillance Performance Form Met Ed TMI Unit 2, Radiation  
Monitoring Sys."

BROWN, J.A. :Babcock & Wilcox Co.  
:;  
DATE ISS:77/12/01, 7pp. ,48X:19329-303,ODI:B&W 0324 ,TN:GB\*

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8307070420 "Surveillance Performance Form Met Ed TMI Unit 2, Liquid  
Radiation Monitor Calibr."

HOFFNER, E.A. :Babcock & Wilcox Co.

DATE ISS:78/09/22, 2pp. ,48X:19329-356,ODI:B&W 0325 ,TN:GB\*

8307070425 "Surveillance Performance Form Met-Ed TMI Unit 2, Liquid  
Radiation Monitor Calibr."

HOFFNER, E.A. :Babcock & Wilcox Co.

DATE ISS:78/09/22, 2pp. ,48X:19329-358,ODI:B&W 0326 ,TN:GB\*

8307070428 TMI-1 Std instrument calibr fixture data sheet.

WEAVER, D.A. :Babcock & Wilcox Co.

DATE ISS:78/02/16, 18pp. ,48X:19330-001,ODI:B&W 0327 ,TN:GB\*

8307070435 Forwards stripchart info for covering 790328-31 for NRC  
investigation team for radiation monitors & records.

WEISER, J.L. :General Public Utilities - GPU Service Corp.

:General Public Utilities - GPU Service Corp.

DATE ISS:79/04/30, 18pp. ,48X:19329-338,ODI:B&W 0328 ,TN:GB\*

8309200532 Resume of WJ Fels.

FELS, W.J. :General Public Utilities - GPU Service Corp.

DATE ISS:81/12/03, 3pp. ,48X: - ,ODI:B&W 0329 ,TN:GB\*

8307070443 "GPU Svc Corp TMI-2 Computer I/O Spec Listing."

\* :Babcock & Wilcox Co.

DATE ISS:81/12/03, 290pp. ,48X:19301-001,ODI:B&W 0330 ,TN:GB\*

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8307210340 NOVA BOP TMI Unit 2.

FELS,W. :Babcock & Wilcox Co.  
:  
DATE ISS:83/07/05, 572pp. ,48X:19693-001,ODI:B&W 0331 ,TN:GB\*

8307060627 Rev 1 to "TMI-2,Balance of Plant Software,Vol 2.

\* :Macro Corp.  
:  
DATE ISS:78/02/28, 60pp. ,48X:19362-320,ODI:B&W 0332 ,TN:GB\*

8307060509 "Bailey 855 Computer Control Sys Point Info Listing."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:81/12/03, 350pp. ,48X:19367-006,ODI:B&W 0333 ,TN:GB\*

8307060511 "Unit 2 Computer Printout FCC."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:81/12/03, 578pp. ,48X:19367-356,ODI:B&W 0334 ,TN:GB\*

8307070304 Resume of RW Keaten.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:82/01/04, 1p. ,48X:19319-302,ODI:B&W 0335 ,TN:GB\*

8307070345 Discusses task force.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:82/01/07, 1p. ,48X:19320-185,ODI:B&W 0342 ,TN:GB\*

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8308230575 Transcript of TMI Investigative Task Force Taped Interview 2  
(Keaten Tapes) on 790824, Pp 1-38.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/08/24, 39pp. ,48X:20125-118,ODI:B&W 0347B ,TN:GB\*

8307080703 Training Dept interviews.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/10/18, 3pp. ,48X:19404-018,ODI:B&W 0358 ,TN:GB\*

8307080704 Keaten Task Force interviews.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/10/18, 3pp. ,48X:19404-021,ODI:B&W 0359 ,TN:GB\*

8307080713 Summary of interview w/JR Floyd.

FLOYD, J.R. :Babcock & Wilcox Co.  
:;  
DATE ISS:80/01/23, 1p. ,48X:19405-062,ODI:B&W 0363 ,TN:GB\*

8307080733 RW Keaten notes from 790215.

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/02/15, 46pp. ,48X:19405-144,ODI:B&W 0371 ,TN:GB\*

8307080736 RW Keaten notes.

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/01/21, 67pp. ,48X:19405-190,ODI:B&W 0372 ,TN:GB\*

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8307080737 RW Keaten notes.

KEATEN,R.W. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/04/21, 25pp. ,48X:19406-065,ODI:B&W 0373 ,TN:GB\*

8307080060 Marked-up procedure 054 "Analysis of TMI-2 Operator Response."

WALSH,P.S. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/10/19, 43pp. ,48X:19333-297,ODI:B&W 0375 ,TN:GB\*

8307080069 TMI-2 Investigative Task Force,Task 2 "Rationale for Operator/Staff Response."

WALSH,P.G. :Babcock & Wilcox Co.  
:  
DATE ISS:79/08/14, 8pp. ,48X:19334-070,ODI:B&W 0378 ,TN:GB\*

8307080084 Rev 3 to "NRC Regulation 10CFR 21."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:78/05/30, 2pp. ,48X:19334-113,ODI:B&W 0381 ,TN:GB\*

8307210220 Graphs,charts & handwritten notes re pressurizer.Excerpts from pressurizer study also encl.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:79/02/14, 43pp. ,48X:19694-319,ODI:B&W 0390 ,TN:GB\*

8307080656 Forwards 780329 reactor trip rept.

ZODIACO,V.P. :Babcock & Wilcox Co.  
BROUGHTON,G. :Babcock & Wilcox Co.  
DATE ISS:82/02/09, 64pp. ,48X:19392-001,ODI:B&W 0409 ,TN:GB\*

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8307080665 Resume of GA Kunder.

KUNDER,G.A. :Metropolitan Edison Co.  
: :  
DATE ISS:82/02/10, 1p. ,48X:19393-058,ODI:B&W 0413 ,TN:GB\*

8307080616 Testimony of G Kunder before Subcommittee on Nuclear  
Regulation of Committee on Environ & Public Works on 790822  
in Harrisburg,PA.Pp 1-41.

KUNDER,G. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/08/22, 42pp. ,48X:19393-059,ODI:B&W 0416 ,TN:GB11

8307120748 Drawing submittal form re preliminary draft procedures  
concerning DP 5 1202 06 concerning loss of reactor coolant  
& coolant pressure.

THOMASSON,F.R. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:70/06/11, 13pp. ,48X:19502-289,ODI:B&W 0418 ,TN:GB\*

8307080585 Deposition of FJ Scheimann in Harrisburg,PA.Pp 2-127.

SCHEIMANN,F.J. :Metropolitan Edison Co.  
: :  
DATE ISS:79/07/24, 242pp. ,48X:19417-004,ODI:B&W 0538 ,TN:GB\*

8307080621 Confirms CP Miller 780423 telcon re Unit 2 LER 78-033/1P.

\* :Babcock & Wilcox Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:78/05/02, 1p. ,48X:19418-005,ODI:B&W 0541 ,TN:GB\*

8307080624 Forwards LER 78-033/01T-0.

\* :Metropolitan Edison Co.  
GRIER,B.M. : Region 1, Philadelphia, Office of the Director  
DATE ISS:78/04/24, 1p. ,48X:19418-006,ODI:B&W 0541 ,TN:GB\*

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8307080700 LER 78-033/01T-0: on 780423, reactor tripped from 30% RTP, causing rapid RCS cooldown & depressurization. Caused by valve failure to reseal. Integrated control sys testing will continue upon return to power operations.

\* : Metropolitan Edison Co.  
: NRC Regional Offices

DATE ISS: 78/04/24, 5pp., 48X: 19418-007, ODI: B&W 0541 , TN: GB\*

8307080744 Resume of RW Zechman.

ZECHMAN, R.W. : Metropolitan Edison Co.

DATE ISS: 79/07/18, 2pp., 48X: 19418-134, ODI: B&W 0554 , TN: GB\*

8307080746 Table listing individuals completing supervisor, group supervisor & administrator training.

\* : Babcock & Wilcox Co.

DATE ISS: 79/03/01, 1p., 48X: 19418-136, ODI: B&W 0555 , TN: GB\*

8307080754 Table of contents for TMI-2 FSAR.

\* : Metropolitan Edison Co.

DATE ISS: 83/07/08, 17pp., 48X: 19418-235, ODI: B&W 0559 , TN: GB\*

8307070516 Submits marginal comments.

\* : Babcock & Wilcox Co.

DATE ISS: 82/05/11, 1p., 48X: 19341-362, ODI: B&W 0562 , TN: GB\*

8307080760 Handwritten notes of attendance at operator training program.

\* : Babcock & Wilcox Co.

DATE ISS: 83/07/08, 1p., 48X: 19418-283, ODI: B&W 0562 , TN: GB\*

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8307080774 Diagram of TMI-2 control room layout & location of critical indications.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:82/03/24, 1p. ,48X:19418-353,ODI:B&W 0569 ,TN:GB\*

8307070106 Resume of JA Brummer.

BRUMMER,J.A. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/03/10, 2pp. ,48X:19316-287,ODI:B&W 0591 ,TN:GB\*

8307070111 "Operating & Maint Instructions for Radiation Monitoring Sys" & plants catalog,TMI-2.

\* :Victoreen, Inc. (subs. of Sheller-Globe Corp.)  
:;  
DATE ISS:82/03/10, 769pp. ,48X:19316-289,ODI:B&W 0592 ,TN:GB\*

8307070116 "Radiation Monitoring Sys Test (Liquid)," Unit 2.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:78/07/14, 324pp. ,48X:19318-338,ODI:B&W 0593 ,TN:GB\*

8307070272 Effective Page 0 to TP 360/1A re radiation monitoring sys for Unit 2.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/03/10, 524pp. ,48X:19311-175,ODI:B&W 0594 ,TN:GB\*

8307070280 Rev 0 to Test Procedure TP 360/1C, "Radiation Monitoring Sys Test - Area Monitors," Unit 2.

WILSON,M. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:78/03/22, 319pp. ,48X:19312-339,ODI:B&W 0595 ,TN:GB\*



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8307070285 Rev 1 to Surveillance Procedure 2302-R3, "Radiation  
Monitoring Sys," Unit 2.

MILLER :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:77/11/17, 50pp. ,48X:19314-001,ODI:B&W 0596 ,TN:GB\*

8307070288 Rev 4 to Surveillance Procedure 2303-M9, "Containment  
Monitor - Radiation Monitoring Sys Channel Function Test,"  
Unit 2.

WARREN,R.P. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:78/11/28, 13pp. ,48X:19314-079,ODI:B&W 0597 ,TN:GB\*

8307070293 Tech Spec Section 1.0 re definitions.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:82/03/10, 10pp. ,48X:19314-121,ODI:B&W 0598 ,TN:GB\*

8307070299 Rev 5 to Operating Procedure 2105-1.12, "Radiation  
Monitoring Sys Setpoints," Unit 2.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:78/11/09, 76pp. ,48X:19314-131,ODI:B&W 0599 ,TN:GB\*

8307090378 Chapter 12 - Radiation Protection.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:74/12/19, 85pp. ,48X:19394-300,ODI:B&W 0600 ,TN:GB\*

8307090382 Rev 9 to Unit 2 Procedure 2105-1.12, "Radiation Monitoring  
Sys Setpoints."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:80/02/21, 185pp. ,48X:19395-119,ODI:B&W 0601 ,TN:GB\*

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8307090385 Tech Spec re RCS operational leakage.

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:82/03/10, 2pp. ,48X:19395-304,ODI:B&W 0602 ,TN:GB\*

8307090405 Notes re loss of feedwater sys w/o emergency feedwater.

LANESE,L. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/03/31, 314pp. ,48X:19396-026,ODI:B&W 0607 ,TN:GB\*

8307090401 Resume of EG Wallace.

WALLACE,E.G. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:82/05/05, 1p. ,48X:19443-225,ODI:B&W 0617 ,TN:GB\*

8307090404 LER 78-065/99X-0:on 781107,Unit 2 ECCS actuation occurred.  
Caused by reduction in feedwater flow during physics  
testing.No corrective action required.

HERBEIN,J.G. :Metropolitan Edison Co,  
GRIER,b.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS:79/01/31, 6pp. ,48X:19443-226,ODI:B&W 0618 ,TN:GB\*

8307090406 Assigns VP Zodiaco responsibility for coordinating &  
directing development of documentation re technical,  
administrative & personnel aspects of TMI-2 accident.

ARNOLD,R.C. :General Public Utilities - GPU Service Corp.  
ZODIACU,V.P. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/05/01, 2pp. ,48X:19443-232,ODI:B&W 0619 ,TN:GB\*

8307090409 Advises that NRC investigation team will conduct interviews  
in Mountain Lakes beginning 790601.

HOVER,J.G. :General Public Utilities - GPU Service Corp.  
ABRAMOVICI,J. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/05/25, 1p. ,48X:19443-234,ODI:B&W 0620 ,TN:GB\*

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8307090411 Requests that group be established to provide overall coordination & consolidation of investigative efforts required to reach intended goal of providing documentation package responsive to all aspects of TMI-2 accident.

ARNOLD, R.C. :General Public Utilities - GPU Service Corp.  
WALLACE, E.G. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/11, 2pp. ,48X:19443-235,ODI:B&W 0621 ,TN:GB\*

8307110023 Provides list of specific task items which must be completed to address certain findings of NRC IE investigation rept.

WALLACE, E.G. :General Public Utilities - GPU Service Corp.  
KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/06, 3pp. ,48X:19443-237,ODI:B&W 0622 ,TN:GB\*

8307110024 Forwards initial info search formed by EG Wallace & others.

KEATEN, R.W. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:79/08/13, 11pp. ,48X:19443-240,ODI:B&W 0623 ,TN:GB\*

8307110026 TMI-2 accident documentation from 790707.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/07/17, 42pp. ,48X:19443-251,ODI:B&W 0624 ,TN:GB\*

8307110027 TMI-2 accident documentation from 790717.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/07/17, 63pp. ,48X:19443-350,ODI:B&W 0625 ,TN:GB\*

8307110059 EGW control room notes on TMI-2 accident.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/03/29, 13pp. ,48X:19444-079,ODI:B&W 0626 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307110062 Forwards Davis-Besse event rept per T Meyers request.

PLUNKETT, J.C. :NUS Corp.  
LANESE, L. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/03/30, 1p. ,48X:19444-120,ODI:B&W 0627 ,TN:GB\*

8307110100 Simulator evaluation for operator training program.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:77/07/20, 2pp. ,48X:19444-249,ODI:B&W 0648 ,TN:GB\*

8307090180 Excerpts from Part 1 of Vol II to "TMI:Rept to Commissioners  
& Public."

ROGOVIN, M. :NRC Three Mile Island Task Force  
:;  
DATE ISS:79/04/05, 4pp. ,48X:19398-235,ODI:B&W 0658 ,TN:GB\*

8307110745 Vol 2, Part 1 of "TMI Rept to Commissioners & To Public."

ROGOVIN, M. :NRC - No Detailed Affiliation Given  
:;  
DATE ISS:82/05/10, 4pp. ,48X:19478-056,ODI:B&W 0658 ,TN:GB\*

8307090184 Diagram of TMI-2 Control Room Layout & Location of Critical  
Indications.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/03/28, 1p. ,48X:19398-239,ODI:B&W 0659 ,TN:GB\*

8307090186 Diagram of TMI-2 Control Room Layout.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/03/28, 1p. ,48X:19398-240,ODI:B&W 0659A ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090206 TMI-2 Plant Schematic.

\* :Institute of Electrical & Electronic Engineers  
:;  
DATE ISS:79/11/30, 1p. ,48X:19399-014,ODI:B&W 0663 ,TN:GB\*

8307090322 Forwards expanded & annotated sequence of events for TMI-2  
accident of 790328.VP Zodiaco comments encl.

LONG,R.L. :General Public Utilities - GPU Service Corp.  
:General Public utilities - GPU Service Corp.  
DATE ISS:79/04/28, 29pp. ,48X:19400-073,ODI:B&W 0686 ,TN:GB\*

8307110722 Forwards noted discrepancies,based on comparative review of  
NRC & Nuclear Safety Analysis Ctr sequence of events repts.

THOMAS,G.R. :General Public Utilities - GPU Service Corp.  
LONG,B. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/07/26, 37pp. ,48X:19445-244,ODI:B&W 0693 ,TN:GB11

8307110772 Excerpt from rept on TMI-2 investigation re failure to  
maintain full HPI flow.Pp 42-51.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:82/05/20, 10pp. ,48X:19447-186,ODI:B&W 0708 ,TN:GB\*

8307090370 Graph of RC-3B-PT1.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/03/27, 1p. ,48X:19492-192,ODI:B&W 0755 ,TN:GB11

8307120339 "Reactor Coolant System Pressure."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/03/28, 1p. ,48X:19456-344,ODI:B&W 0756 ,TN:GB11

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8307090372 Rev 1 to preliminary annotated sequence of events on 790328  
at TMI-2.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:79/07/14, 50pp. ,48X:19492-193,ODI:B&W 0758 ,TN:GB\*

8307120716 Comments on B&W users meeting in Washington,DC on 761117-18.  
Minutes encl.

MILLER,G.P. :Metropolitan Edison Co.  
:Babcock & Wilcox Co.  
DATE ISS:76/11/23, 12pp. ,48X:19457-250,ODI:B&W 0784 ,TN:GB\*

8307130332 Operational log for 781004 for RCS temp,pressure & boron  
concentration.

ADER,C. :Metropolitan Edison Co.  
:;  
DATE ISS:78/10/04, 3pp. ,48X:19500-360,ODI:B&W 0787 ,TN:GB\*

8307130334 "Oconee-Once-Through Steam Generator Tube Problems."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:77/11/15, 38pp. ,48X:19501-017,ODI:B&W 0794 ,TN:GB\*

8307090145 Summary of 781108 telcon w/Toledo Edison re cooldown.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:78/11/08, 2pp. ,48X:19453-286,ODI:B&W 0795 ,TN:GB\*

8307090162 Resume of JW Garrison.

GARRISON,J.w. :Metropolitan Edison Co.  
:;  
DATE ISS:82/06/09, 1p. ,48X:19454-057,ODI:B&W 0830 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090202 Requests contract w/B&W for Simulator Training be executed as soon as possible. Requalification training for operators scheduled to start on 750324.

HERBEIN, J.G. : Metropolitan Edison Co.  
ARNOLD, R.C. : Metropolitan Edison Co.  
DATE ISS: 75/03/03, 1p. , 48X: 19454-234, ODI: B&W 0841 , TN: GB\*

8307090217 Forwards proposed amend to B&W simulator training contract. Amend reduces base scope effort to 80 h & operators from each unit will have refresher training every other year. Recommends approval. w/o encl.

TSAGGARIS, A. : Metropolitan Edison Co.  
ARNOLD, R.C. : Metropolitan Edison Co.  
DATE ISS: 76/06/30, 1p. , 48X: 19454-235, ODI: B&W 0842 , TN: GB\*

8307090226 Notes re rumors concerning pass or fail on reactor operator exams.

\* : Metropolitan Edison Co.  
DATE ISS: 82/07/11, 2pp. , 48X: 19454-240, ODI: B&W 0846 , TN: GB\*

8307080567 Transcript of third meeting of President's Commission on Accident at TMI 790531 morning session in Washington, DC. Pp 1-374.

\* : President's Commission on the Accident at Three Mile Island  
DATE ISS: 79/05/31, 727pp. , 48X: 19406-174, ODI: B&W 0863 , TN: GB\*

8307120103 Resume of ML Beers.

BEERS, M.L. : Metropolitan Edison Co.  
DATE ISS: 79/07/30, 4pp. , 48X: 19458-174, ODI: B&W 0889 , TN: GB\*

8307120148 Advises that committee should be formed for purpose of centralizing receipt, review, distribution & assigning followup task re LERs, IE bulletins, clearing house repts, ROS, etc.

ZECHMAN, R.W. : Metropolitan Edison Co.  
SEELINGER, J. : Metropolitan Edison Co.  
DATE ISS: 79/07/03, 1p. , 48X: 19459-028, ODI: B&W 0894 , TN: GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120151 Rev 19 to Operating Procedure 2102-1.1 "Unit Heatup."

WARREN, R.P. : Metropolitan Edison Co.

DATE ISS: 79/03/05, 53pp. , 48X: 19459-057, ODI: B&W 0895 , TN: GB\*

8307090373 Summary of B&W Users Group 771115-16 meetings in Washington, DC re once-through steam generator tube leak control rod drive & stator problems, refueling & improvement items.

RODRIGUEZ, R.J. : Sacramento Municipal Utility District  
: Sacramento Municipal Utility District

DATE ISS: 77/11/21, 41pp. , 48X: 19402-022, ODI: B&W 1000 , TN: GB11

8307130380 Forwards minutes of B&W Users Group 771115-16 meetings in Washington, DC re Oconee once-through steam generator tube problem, refueling experience, reactor coolant pump seals & nuclear parts ctr.

COBB, W.A. : Babcock & Wilcox Co.  
HERBEIN, J.G. : Metropolitan Edison Co.

DATE ISS: 78/02/03, 32pp. , 48X: 19501-177, ODI: B&W 1001 , TN: GB11

8307090377 Handwritten summary of B&W Users Group 771115 meeting.

\* : Babcock & Wilcox Co.  
: Babcock & Wilcox Co.

DATE ISS: 77/11/15, 29pp. , 48X: 19402-119, ODI: B&W 1002 , TN: GB11

8307110784 Excerpt from Jul 1978 Nuclear Power Experience.

\* : Babcock & Wilcox Co.

DATE ISS: 78/07/31, 2pp. , 48X: 19480-017, ODI: B&W 4000 , TN: GB11

8307110790 Notes on miscellaneous events.

\* : Babcock & Wilcox Co.

DATE ISS: 78/07/31, 1p. , 48X: 19480-039, ODI: B&W 4003 , TN: GB11



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8307120794 Graph of narrow-range pressure stripchart (A loop).

\* :Babcock & Wilcox Co.  
: DATE ISS:79/03/28, 1p. ,48X:19462-065,ODI:B&W 4011 ,TN:GB\*

8307120831 Graphs re 781107 variable temp-pressure trip,damaged turbine bypass valve.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/11, 1p. ,48X:19496-046,ODI:B&W 4060 ,TN:GB11

8307120835 Graphs re 781202 overfeeding of steam generators.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/11, 1p. ,48X:19496-047,ODI:B&W 4061 ,TN:GB11

8307120841 Graphs re event comparison of 780423 failed open steam safety valve & 790328 accident concerning stuck open PORV.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/11, 1p. ,48X:19496-048,ODI:B&W 4062 ,TN:GB11

8307120849 Graphs re 780329 failed open PORV.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/11, 1p. ,48X:19496-049,ODI:B&W 4063 ,TN:GB11

8307120856 Graphs re event comparison of 780329 failed open PORV & 790328 accident concerning stuck open PORV.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/11, 1p. ,48X:19496-050,ODI:B&W 4064 ,TN:GB11

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120862 Graphs re 790328 stuck open PORV.

\* :Babcock & Wilcox Co.  
: DATE ISS:83/07/11, 1p. ,48X:19496-051,ODI:B&W 4065 ,TN:GB11

8307130031 Portions of Chapter 1 to 10CFR50, Title 10, "Emergency."

\* :NRC - No Detailed Affiliation Given  
: DATE ISS:83/07/11, 6pp. ,48X:19496-240,ODI:B&W 4074 ,TN:GB\*

8307130040 Transcript of President Commission public hearing on  
790530 in Washington, DC. Pp 113-210.

\* :Commissioners  
: DATE ISS:79/05/30, 100pp. ,48X:19496-246,ODI:B&W 4113 ,TN:GB\*

8307120307 Resume of EA Womack.

WOMACK, E.A. :Babcock & Wilcox Co.  
: DATE ISS:78/08/31, 2pp. ,48X:19512-287,ODI:GPU 0001 ,TN:GB\*

8307010262 Rev 19 to "Policies & Procedures."

\* :Babcock & Wilcox Co.  
: DATE ISS:80/12/08, 4pp. ,48X:19179-122,ODI:GPU 0002 ,TN:GB\*

8307010265 Job description for section manager, plant design section.

ROY, D.H. :General Public Utilities - GPU Service Corp.  
: DATE ISS:75/02/27, 1p. ,48X:19179-126,ODI:GPU 0003 ,TN:GB\*

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830702009 Preliminary proposal, "Utilization of Plant Operating Data  
to 177 Fuel Assembly B&W Owners."

\* :Babcock & Wilcox Co.

DATE ISS:80/12/10, 19pp. ,48X:19228-274,ODI:GPU 0009 ,TN:GB\*

8307020183 "Quick Look Rept for Reactor Trip/Overspeed Turbine Trip  
Which Occurred at 13:24:21 L,790306 at TMI-2."

NEWTISS,M.E. :Babcock & Wilcox Co.

:NRC - No Detailed Affiliation Given

DATE ISS:79/08/22, 7pp. ,48X:19228-295,ODI:GPU 0009 ,TN:GB\*

8307020011 Summary of technical review committee 790629 meeting re  
draft EPRI TMI-2 sequence of events.

BALL,R.M. :Babcock & Wilcox Co.

KULYNYCH,G.E. :Babcock & Wilcox Co.

DATE ISS:79/06/26, 6pp. ,48X:19228-302,ODI:GPU 0010 ,TN:GB\*

8307020012 Requests review of encl draft technical review committee  
interim rept,for critique at 790530 meeting.

BALL,R.M. :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/05/25, 3pp. ,48X:19228-308,ODI:GPU 0011 ,TN:GB\*

8307120315 Responds to request for lessons learned from TMI incident.

DUNN,B.M. :Babcock & Wilcox Co.

WOMACK,E.A. :Babcock & Wilcox Co.

DATE ISS:79/06/07, 10pp. ,48X:19512-293,ODI:GPU 0012 ,TN:GB\*

8307020014 "Abnormal Transient Operating Guidelines."

WOMACK,E.A. :General Public Utilities - GPU Service Corp.

DATE ISS:80/12/10, 10pp. ,48X:19228-311,ODI:GPU 0013 ,TN:GB\*

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8307020017 "Abnormal Transient Operating Guidelines."

WOMACK, E.A. : General Public Utilities - GPU Service Corp.  
:  
DATE ISS: 80/12/10, 3pp. , 48X:19228-321, ODI:GPU 0014 , TN:GB\*

8307020020 Paper entitled "Abnormal Transient Operating Guidelines Program," presented at nuclear operating experience seminar on 800309-11 in New Orleans, LA.

\* : Babcock & Wilcox Co.  
:  
DATE ISS: 80/03/11, 8pp. , 48X:19228-324, ODI:GPU 0015 , TN:GB\*

8307020024 Lists rules developed for picking event tree paths to analyze. Design success path from initiating event to stable conditions & single failure paths off design success path to stable successful conclusions should be analyzed.

KELLY, J.J. : Babcock & Wilcox Co.  
DAVIS, R.B. : Babcock & Wilcox Co.  
DATE ISS: 79/10/11, 1p. , 48X:19228-332, ODI:GPU 0016 , TN:GB\*

8307020028 "Engineering Dept Action Items Addressing Recommendations of B&W Technical Review Committee Rept on TMI-2," status rept.

JONES, W.F. : General Public Utilities - GPU Service Corp.  
: NRC - No Detailed Affiliation Given  
DATE ISS: 80/01/28, 3pp. , 48X:19228-333, ODI:GPU 0017 , TN:GB\*

8307020036 Advises that B&W has been authorized to proceed w/abnormal transient operating guidelines program. Operating plants Owners Group & NRC reviewed program. Long-term & short-term requirements discussed.

WOMACK, E.A. : Babcock & Wilcox Co.  
ROY, D.H. : Babcock & Wilcox Co.  
DATE ISS: 79/08/15, 4pp. , 48X:19228-353, ODI:GPU 0019 , TN:GB\*

8307020047 Comments on draft "Generic Assessment of Feedwater Transients in Reactors Designed by B&W." Rept too lengthy, fails to concentrate on important issues & contains many incorrect misleading statements.

ROSZTOCZY, Z.R. : Analysis Branch  
TEDESCO, R.L. : Assistant Director for Reactor Safety  
DATE ISS: 79/04/25, 5pp. , 48X:19229-021, ODI:GPU 0022 , TN:GB11

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8307020050 Assigns section managers for candidate tasks for lessons learned from TMI-2 incident, for which engineering has responsibility. Tasks include instrumentation & control human engineering & status monitoring.

ROY, D.H. :Babcock & Wilcox Co.

FAHLAND, F.R. :Babcock & Wilcox Co.

DATE ISS:79/06/14, 6pp. ,48X:19229-026,ODI:GPU 0023 ,TN:GB\*

8307020054 "Operating Plant Design Review Board."

WOMACK, E.A. :General Public Utilities - GPU Service Corp.

DATE ISS:79/06/18, 2pp. ,48X:19229-032,ODI:GPU 0024 ,TN:GB\*

8307020064 "Verification of As-Built Input."

WOMACK, E.A. :General Public Utilities - GPU Service Corp.

DATE ISS:79/06/18, 2pp. ,48X:19229-034,ODI:GPU 0025 ,TN:GB\*

8307020083 Discusses B&W draft proposal re whether realistic B&W sys analyses would result in water conditions at safety & relief valve inlet & if valve failure occurred, whether similar B&W in-plant event would result in unacceptable plant condition.

NEWTON, D.G. :Babcock & Wilcox Co.

BANWARTH, C.S. :Babcock & Wilcox Co.

DATE ISS:80/03/12, 10pp. ,48X:19229-036,ODI:GPU 0026 ,TN:GB\*

8307120317 "Events That Initiate PORV Operation."

\* :Babcock & Wilcox Co.

DATE ISS:81/01/26, 8pp. ,48X:19512-304,ODI:GPU 0029 ,TN:GB\*

8307020096 Requests review of encl 790509 memo on opening or failing open of PORV on loss of power to valve or electrical circuitry controlling valve.

WOMACK, E.A. :Babcock & Wilcox Co.

CARLTON, J.D. :Babcock & Wilcox Co.

DATE ISS:79/05/15, 2pp. ,48X:19229-056,ODI:GPU 0030 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307020100 "Actions Needed Based on Lessons from TMI-2."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/06/07, 3pp. ,48X:19229-058,ODI:GPU 0031 ,TN:GB\*

8307210334 Forwards invention disclosure record prepared for patent dept.

BRAUMILLER,R.E.:Babcock & Wilcox Co.  
BATEMAN,E.J. :Babcock & Wilcox Co.  
DATE ISS:79/10/11, 8pp. ,48X:19694-213,ODI:GPU 0034 ,TN:GB\*

8307010207 Responds to TMI-2 concerns task description.Objective is to provide systematically developed response to various B&W sys features identified as design deficiencies.Dynamic coupling between once through steam generator & turbine considered.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:81/01/27, 2pp. ,48X:19178-124,ODI:GPU 0035 ,TN:GB\*

8307010212 Submits TMI-2 concerns task description re definition & implementation of hardware &/or procedures that will enhance post-trip control of B&W NSS.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:81/01/27, 2pp. ,48X:19178-126,ODI:GPU 0036 ,TN:GB\*

8307120943 Discusses review of SMUD rapid cooldown transient to determine what could have or could be done in B&W NSSS/plant design to reduce likelihood or limit consequences of future event.

WOMACK,E.A. :Babcock & Wilcox Co.  
KARRASCH,B.A. :Babcock & Wilcox Co.  
DATE ISS:78/08/21, 1p. ,48X:19512-312,ODI:GPU 0038 ,TN:GB\*

8307120320 Summarizes recommendation for quick look evaluation of all reactor trips.

WOMACK,E.A. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/08/30, 11pp. ,48X:19512-313,ODI:GPU 0039 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120326 Lists questions raised from TMI-2 accident re 177 & 205 FA plants total loss of main feedwater flow.

ROY, D.H. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:79/04/05, 5pp. ,48X:19512-325,ODI:GPU 0040 ,TN:GB\*

8307010232 Resume of NS Elliott.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
DATE ISS:81/02/05, 1p. ,48X:19178-130,ODI:GPU 0041 ,TN:GB\*

8307010236 Requests details of proposed training programs to determine what, if any, changes should be made in present requirements re cold applicant participants. List indicating degree of simulation for reactor core should also be submitted.

COLLINS, P.F. :Atomic Energy Commission - Deputy Director for Reactor Proje  
ELLIOTT, N.S. :Babcock & Wilcox Co.  
DATE ISS:72/12/15, 2pp. ,48X:19178-131,ODI:GPU 0042 ,TN:GB\*

8307010240 Advises that proposed training program to establish cold eligibility for individuals who successfully complete training program appropriate.

COLLINS, P.F. :Atomic Energy Commission - Deputy Director for Reactor Proje  
ELLIOTT, N.S. :Babcock & Wilcox Co.  
DATE ISS:73/03/19, 1p. ,48X:19178-133,ODI:GPU 0043 ,TN:GB\*

8307010243 Advises that revised program will continue to establish cold eligibility for individuals who successfully complete training programs.

COLLINS, P.F. :Atomic Energy Commission - Deputy Director for Reactor Proje  
ELLIOTT, N.S. :Babcock & Wilcox Co.  
DATE ISS:77/05/03, 1p. ,48X:19178-134,ODI:GPU 0044 ,TN:GB\*

8307010245 Lists events that initiate PORV operation.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:81/02/05, 1p. ,48X:19178-135,ODI:GPU 0045 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307010248 Discusses issues to be included in suggested list of issues to be undertaken for improvement of NPGD, NSS stds & fuel proposals should be overhauled. Engineering talent underutilized.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
OLDS, G.M. :Babcock & Wilcox Co.  
DATE ISS:78/12/06, 3pp. ,48X:19178-137, ODI:GPU 0047 ,TN:GB\*

8307010250 Advises that TL Book & JA Lind are training personnel authorized to provide required signatures for training on instructions for transmittal.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
HALLMAN, D.F. :Babcock & Wilcox Co.  
DATE ISS:79/08/03, 2pp. ,48X:19178-140, ODI:GPU 0048 ,TN:GB\*

8307010251 Clarifies internal training & qualification programs. Program is NPGD program to improve technical qualification of engineering, QA & Customer Svc Dept personnel.

ELLIOTT, N.S. :Babcock & Wilcox Co.  
MONTGOMERY, T.W. :Babcock & Wilcox Co.  
DATE ISS:79/10/05, 2pp. ,48X:19178-144, ODI:GPU 0051 ,TN:GB\*

8307010247 Sheet of graph paper w/time indications.

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:81/02/11, 1p. ,48X:19178-153, ODI:GPU 0056 ,TN:GB\*

8307070493 Discusses need for addl customer guidance on high pressure injection operation. Two major events at Toledo site involving depressurization & bypassed high pressure warrant addl attention.

KELLY, J.J. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:77/11/01, 1p. ,48X:19337-078, ODI:GPU 0063 ,TN:GB\*

8307070510 "Nuclear Training Programs."

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:83/07/07, 76pp. ,48X:19337-082, ODI:GPU 0066 ,TN:GB\*



U. S. NUCLEAR REGULATORY COMMISSION  
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8307070555 Submits draft training svcs response/responsibilities identified in transient response of B&W designed reactors.

ELLIOTT,N.S. :Babcock & Wilcox Co.  
KOSIBA,R.E. :Babcock & Wilcox Co.  
DATE ISS:80/04/08, 3pp. ,48X:19337-227,ODI:GPU 0073 ,TN:GB\*

8307070558 Position description for section manager training svcs & special projects for Nuclear Svc Dept.

ELLIOTT,N.S. :Babcock & Wilcox Co.  
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DATE ISS:77/05/09, 2pp. ,48X:19337-230,ODI:GPU 0074 ,TN:GB\*

8307070567 Organization on chart for Nuclear Svc Dept,Nuclear Power Generation Div.

\* :Babcock & Wilcox Co.  
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DATE ISS:81/03/12, 2pp. ,48X:19337-248,ODI:GPU 0077 ,TN:GB\*

8307070575 Notifies of TECO pressurizer level 781127 meeting to discuss design & requirements for Toledo auxiliary feedwater operation/small LOCA/pressurizer level.Agenda encl.

SWANSON,E.W. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/11/22, 4pp. ,48X:19337-253,ODI:GPU 0081 ,TN:GB\*

8307070576 Summarizes 781127 meeting w/TECO & B&W re design & requirements for DB-1 auxiliary feedwater sys.

CARTIN,L.R. :Babcock & Wilcox Co.  
KARRASCH,E.A. :Babcock & Wilcox Co.  
DATE ISS:78/11/29, 16pp. ,48X:19337-257,ODI:GPU 0082 ,TN:GB\*

8307080040 Notifies of investigation re evaluation of loss of pressurizer level indication at Davis Bessie.Requests info whether similar events occurred at B&W plant previously.

FOSTER,J.M. : Region 3, Chicago, Office of the Director  
TAYLOR,J.H. :Babcock & Wilcox Co.  
DATE ISS:79/01/31, 3pp. ,48X:19337-273,ODI:GPU 0083 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080051 Summarizes 790214 meeting w/NRC, Toledo Edison, Met Ed, SMUD & Arkansas Power & Light in Lynchburg to discuss loss of pressurizer level indication at Davis Bessie Unit 1.

WILLSE, J.T. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/03/09, 3pp. ,48X:19337-276, ODI:GPU 0084 ,TN:GB\*

8307080059 Reactor operator hand written notes during TMI-2 incident on 790328.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/03/28, 2pp. ,48X:19337-315, ODI:GPU 0096 ,TN:GB\*

8307120822 Notes from Wednesday & Thursday re event.

\* :Babcock & Wilcox Co.  
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DATE ISS:81/03/20, 4pp. ,48X:19464-178, ODI:GPU 0097 ,TN:GB\*

8307080628 Comments on 800418 emergency response procedure & B&W organization. Emergency response team should work in two phases consisting of diagnostic &/or immediate remedy.

DUNN, B.M. :Babcock & Wilcox Co.  
STRAUB, R. :Babcock & Wilcox Co.  
DATE ISS:80/04/23, 2pp. ,48X:19337-318, ODI:GPU 0098 ,TN:GB\*

8307080070 Requests team of analysts re be assembled to expeditiously analyze response of B&W 177 plants w/ lowered & raised loop following loss of feedwater plus relief valve failure.

WOMACK, E.A. :Babcock & Wilcox Co.  
DUNN, B.M. :Babcock & Wilcox Co.  
DATE ISS:79/04/06, 1p. ,48X:19337-325, ODI:GPU 0101 ,TN:GB\*

8307080089 Discusses preparation of operating guidelines for small breaks in RCPB negotiated on 790426 & 27. Task force convened to prepare operating guidelines.

ROY, D.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/04/28, 3pp. ,48X:19338-014, ODI:GPU 0105 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080092 Submits handwritten notes re small break indications.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/03/24, 18pp. ,48X:19338-017,ODI:GPU 0106 ,TN:GB\*

8307120834 Forwards TVA ltr in response to ACRS concerns re small break LUCA.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/05/25, 3pp. ,48X:19464-222,ODI:GPU 0111 ,TN:GB11

8307020170 Forwards writeups for small break LOCA auxiliary feed requirements prepared w/B Dunn.

CARLTON,J.D. :Babcock & Wilcox Co.  
WOMACK,E.A. :Babcock & Wilcox Co.  
DATE ISS:79/05/17, 3pp. ,48X:19225-068,ODI:GPU 0113 ,TN:GB\*

8307120838 Submits two paragraphs describing safety concerns identified by ECCS Analysis re RELOAD contracts.

DUNN,B.M. :Babcock & Wilcox Co.  
DUERSON,S.H. :Babcock & Wilcox Co.  
DATE ISS:78/01/18, 3pp. ,48X:19464-229,ODI:GPU 0114 ,TN:GB\*

8307020173 Forwards "Activities Rept for ECCS Analysis Unit for Apr 1978."

DUNN,B.M. :Babcock & Wilcox Co.  
ROY,D.H. :Babcock & Wilcox Co.  
DATE ISS:78/05/02, 5pp. ,48X:19225-071,ODI:GPU 0115 ,TN:GB\*

8307120847 "Jan Activities Rept for ECCS Analysis."

DUNN,B.M. :Babcock & Wilcox Co.  
:  
DATE ISS:79/01/31, 6pp. ,48X:19464-235,ODI:GPU 0117 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307020178 Discusses 790515 telcon w/NRC re need for analyses of small breaks w/reactor coolant pumps running. Analysis for worst case break w/pumps running, AFW available, w/normal App K assumptions requested by NRC.

JONES, R.C. :Babcock & Wilcox Co.

TAYLOR, J.H. :Babcock & Wilcox Co.

DATE ISS:79/06/07, 1p. ,48X:19225-077,ODI:GPU 0118 ,TN:GB\*

8307020181 Telcon involving EA Womack & NRC re further insight into B&W thinking re addl analytical work. Further work requested to bring LOCA analyses into conformance w/App K.

TAYLOR, J.H. :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/06/08, 2pp. ,48X:19225-078,ODI:GPU 0119 ,TN:GB\*

8307120851 Summary of 790606 meeting re preliminary safety concerns on small break LOCA w/engineering change proposal.

BAILEY, W.A. :Babcock & Wilcox Co.

TAYLOR, J.H. :Babcock & Wilcox Co.

DATE ISS:79/06/08, 8pp. ,48X:19464-241,ODI:GPU 0120 ,TN:GB\*

8307120854 Submits small break guidelines.

CARTIN, L.R. :Babcock & Wilcox Co.

WOMACK, E.A. :Babcock & Wilcox Co.

DATE ISS:79/06/22, 50pp. ,48X:19464-249,ODI:GPU 0121 ,TN:GB\*

8307120859 Submits status rept re Toledo Edison attempts to resolve NRC concerns re auxiliary feedwater actuation & control.

CARTIN, L.R. :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:78/12/19, 10pp. ,48X:19464-300,ODI:GPU 0122 ,TN:GB\*

8307020189 Comments on B&W comprehensive business plan.

ANDERSON, G.E. :Babcock & Wilcox Co.

DUNN, B.M. :Babcock & Wilcox Co.

DATE ISS:79/11/21, 2pp. ,48X:19225-083,ODI:GPU 0123 ,TN:GB\*

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8307020192 Discusses draft memo by E Anderson re types of technical training which should be available for B&W personnel. Basic courses in field work should be offered on continuous basis.

DUNN, B.M. :Babcock & Wilcox Co.

PARKS, C.E. :Babcock & Wilcox Co.

DATE ISS:80/04/07, 3pp. ,48X:19225-085,ODI:GPU 0124 ,TN:GB\*

8307020194 List of problems that may develop in ECCS in next few yrs. Addl comments provided B&W personnel.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:81/04/07, 9pp. ,48X:19225-088,ODI:GPU 0125 ,TN:GB\*

8307120861 Resume of JF Walters.

WALTERS, J.F. :Babcock & Wilcox Co.

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DATE ISS:81/04/13, 2pp. ,48X:19464-311,ODI:GPU 0126 ,TN:GB\*

8307020199 Verifies verbal instructions that all future instructions to operating plants re how plants should be operated during normal or abnormal conditions must be reviewed by Training prior to customer transmittal.

HALLMAN, D.F. :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/07/30, 1p. ,48X:19225-098,ODI:GPU 0127 ,TN:GB\*

8307020202 Summarizes various problem areas that require addl investigation to assure position in svc field as competent & aware engineers available for master svc work as well as contractual work.

WALTERS, F. :Babcock & Wilcox Co.

HALLMAN, D. :Babcock & Wilcox Co.

DATE ISS:78/12/22, 3pp. ,48X:19225-099,ODI:GPU 0128 ,TN:GB\*

8307020206 Concludes FR Fahland proposed sys for handling LERs workable & useful. Mechanism to obtain more info than normally included in LERs from non-B&W plants needed for those plants selected for detailed evaluation.

HALLMAN, D.F. :Babcock & Wilcox Co.

KANE, E.R. :Babcock & Wilcox Co.

DATE ISS:79/07/27, 1p. ,48X:19225-102,ODI:GPU 0129 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307020209 Defines specific tasks to be performed re site problem repts for analysis & resolution from all reactor trips on operating plants. Suggested format for plotted data & event synopsis to complete quick look rept encl.

WALTERS, J.F. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.

DATE ISS:79/10/10, 4pp. ,48X:19225-103,ODI:GPU 0130 ,TN:GB\*

8307020214 Request for documentation re any transient, incident, accident or event at TMI-2 which commenced on or about 790328 & re any equipment or sys at TMI-1.

\* :Kaye, Scholer, Fierman, Hays & Handler  
:

DATE ISS:80/05/15, 9pp. ,48X:19225-112,ODI:GPU 0136 ,TN:GB\*

8307020215 Resume of RE Kosiba.

KOSIBA, R.E. :Babcock & Wilcox Co.  
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DATE ISS:79/07/02, 2pp. ,48X:19225-121,ODI:GPU 0137 ,TN:GB11

8307020230 Responds to 781005 memo re course taken re poor availability of B&W plants. Determining design fixes for known problems first priority commitment. Resources & direction between vendor divs & util necessary to maintain effectiveness.

MACMILLAN, J.H. :Babcock & Wilcox Co.

VANNOY, W.M. :Babcock & Wilcox Co.

DATE ISS:78/10/27, 2pp. ,48X:19225-140,ODI:GPU 0141 ,TN:GB\*

8307020242 Requests input re statement from 781027 memo re products availability for inclusion in solid paragraph.

KOSIDA, R.E. :Babcock & Wilcox Co.

ULDS, G.M. :Babcock & Wilcox Co.

DATE ISS:79/01/08, 3pp. ,48X:19225-147,ODI:GPU 0143 ,TN:GB\*

8307020245 Forwards results of approach to consider elements making up key issue & policy change definitions judged to contribute most to upgrading availability performance. Viewgraphs encl.

KOSIBA, R.E. :Babcock & Wilcox Co.

MACMILLAN, J.H. :Babcock & Wilcox Co.

DATE ISS:79/01/18, 29pp. ,48X:19225-150,ODI:GPU 0144 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307020246 Submits monthly activities rept for Feb 1979.

OLDS,G.M. :Babcock & Wilcox Co.  
KUSIBA,R.E. :Babcock & Wilcox Co.  
DATE ISS:79/03/15, 5pp. ,48X:19225-179,ODI:GPU 0145 ,TN:GB\*

8307020248 Advises that established vehicle for communicating understanding of how NSSS behaves when responding to various incidents necessary per 790416 discussion of ACRS session on TMI.

KOSIBA,E.E. :Babcock & Wilcox Co.  
WASCHER,R.E. :Babcock & Wilcox Co.  
DATE ISS:79/04/17, 1p. ,48X:19225-184,ODI:GPU 0146 ,TN:GB\*

8307020252 Transcript of President's Commission on Accident at TMI 790718 public hearing in Washington,DC.

\* :President's Commission on the Accident at Three Mile Island  
DATE ISS:79/07/18, 50pp. ,48X:19225-187,ODI:GPU 0149 ,TN:GB\*

8307020001 Resume of LM Favret.

FAVRET,L.M. :Babcock & Wilcox Co.  
DATE ISS:81/05/11, 1p. ,48X:19189-272,ODI:GPU 0164 ,TN:GB\*

8307020002 Submits info re contract w/Met Ed consisting of NSSS described in 660815 Proposal A4-73.

HELLER,F.C. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:66/12/07, 6pp. ,48X:19189-273,ODI:GPU 0165 ,TN:GB\*

8307020003 Forwards priced & executed copy of contact document for nuclear steam sys.Unpriced,unexecuted copies of document forwarded w/670524 ltr.W/o encl.

KAZAR,R.V. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:67/05/31, 1p. ,48X:19189-279,ODI:GPU 0166 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307020004 Notices of 660225 meeting w/utills, Saxton, Pickard, Lowe & Assoc, Nuclear Consultants, Gilbert Assoc, Inc & GF Trowbridge in Reading, PA.

SMITH, C.T. :Babcock & Wilcox Co.  
BEHR, R.K. :Babcock & Wilcox Co.  
DATE ISS:66/02/14, 1p. ,48X:19189-280, ODI:GPU 0167 ,TN:GB\*

8307020005 Notices of 660225 meeting in Reading, PA w/Met Ed re preliminary bid request document, condensed presentation of of PWR plant design. Summary of proof testing of components & various fuel purchase proposals.

SMITH, C.T. :Babcock & Wilcox Co.  
BEHR, R.K. :Babcock & Wilcox Co.  
DATE ISS:66/02/16, 3pp. ,48X:19189-281, ODI:GPU 0168 ,TN:GB\*

8307020006 Submits comments on 660225 Project Steering Committee meeting, per 660216 discussion w/Met Ed re meeting attendees.

SMITH, C.T. :Babcock & Wilcox Co.  
BEHR, R.K. :Babcock & Wilcox Co.  
DATE ISS:66/02/18, 3pp. ,48X:19189-284, ODI:GPU 0169 ,TN:GB\*

8307020008 Summarizes 660520 meeting w/UE&C & J&M re purchaser final specs & influence on engineering-estimating-bidding done by UE&C & J&M.

FAVRET, L.M. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:66/05/23, 3pp. ,48X:19189-287, ODI:GPU 0170 ,TN:GB\*

8307020010 Draft of "Design Criteria Nuclear Power Plant for Met Ed Co, Reading, PA."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:65/11/26, 5pp. ,48X:19189-290, ODI:GPU 0171 ,TN:GB\*

8307020013 Forwards "Design Criteria-Nuclear Power Plant for Met Ed Co, Reading, PA," supplementing 650907 ltr re schedule for installation. w/o encl.

FAVRET, L.M. :Babcock & Wilcox Co.  
HELLER, F.C. :Babcock & Wilcox Co.  
DATE ISS:65/12/03, 1p. ,48X:19189-295, ODI:GPU 0172 ,TN:GB\*



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- 8307020015 Submits marked-up comments on review of "General Instructions & Approach" portion of design criteria. Typical scope of supply for NSSS w/listing of terminal points encl. w/o encl.  
FAVRET, L.M. :Babcock & Wilcox Co.  
HELLER, F.C. :Babcock & Wilcox Co.  
DATE ISS:65/12/30, 3pp. ,48X:19189-296,ODI:GPU 0173 ,TN:GB\*
- 8307020018 Informs that 651203 design criteria completed, per comments on preliminary rept "Design Criteria-Nuclear Power Plant for Met Ed, Co, Reading, PA." Design criteria to be reviewed in depth.  
HELLER, F.C. :Babcock & Wilcox Co.  
FAVRET, L.H. :Babcock & Wilcox Co.  
DATE ISS:66/02/04, 1p. ,48X:19189-299,ODI:GPU 0174 ,TN:GB\*
- 8307020021 Submits comments on preliminary bid request for nuclear power plant issued by Met Ed, covering proposal to build in PA.  
HELLER, F.C. :Babcock & Wilcox Co.  
FAVRET, L.H. :Babcock & Wilcox Co.  
DATE ISS:66/02/08, 4pp. ,48X:19189-300,ODI:GPU 0175 ,TN:GB\*
- 8307020023 Forwards specs for proposed Met Ed nuclear installation. w/o encl.  
HELLER, F.C. :Babcock & Wilcox Co.  
FAVRET, L.M. :Babcock & Wilcox Co.  
DATE ISS:66/05/09, 1p. ,48X:19189-304,ODI:GPU 0176 ,TN:GB\*
- 8307020026 Extends invitation for B&W to bid on plant. Attention called to bidding conditions on Page II-1 of proposal.  
BREITINGER, W.M.:Metropolitan Edison Co.  
HELLER, F.J. :Babcock & Wilcox Co.  
DATE ISS:66/05/11, 1p. ,48X:19189-305,ODI:GPU 0177 ,TN:GB\*
- 8307020030 Proposal to Met Ed Co for NSSS.  
\* :Babcock & Wilcox Co.  
: :  
DATE ISS:83/07/01, 324pp. ,48X:19189-306,ODI:GPU 0178 ,TN:GB\*

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8307020033 Summary of 660930 meeting w/utills & Gilbert Assoc, Inc in Reading, PA re problems concerning B&W responsibility for licensing & other conditions in bid for hardware under Alternates A & B.

HELLER, F.C. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.

DATE ISS:66/10/06, 8pp. ,48X:19190-270,ODI:GPU 0179 ,TN:GB\*

8307020035 Forwards draft summary of 660930 & 661012 discussions of proposal. Review requested.

HEIDING, R.E. :Metropolitan Edison Co.  
HELLER, F.C. :Babcock & Wilcox Co.

DATE ISS:66/10/12, 6pp. ,48X:19190-278,ODI:GPU 0180 ,TN:GB\*

8307020038 Forwards memo of 660930 & 1012 meetings w/util re limits of liability agreements. Meeting of 660930 discussed "A" bid.

ROWAND, W.H. :Babcock & Wilcox Co.  
WHITE, G.S. :Babcock & Wilcox Co.

DATE ISS:66/10/13, 1p. ,48X:19190-283,ODI:GPU 0181 ,TN:GB\*

8307020041 Summary of 661027 meeting w/B&W, GAI, NUS Corp, Pickard, Lowe & Assoc & SNEC to discuss topics re rod fuel design, core internal & pressure vessel designs & core thermal hydraulics.

COUCHMAN, D.L. :Metropolitan Edison Co.  
:Metropolitan Edison Co.

DATE ISS:66/11/04, 9pp. ,48X:19190-284,ODI:GPU 0182 ,TN:GB\*

8307020044 Forwards marked-up memo by F Trowbridge summarizing understandings of B&W NSSS proposal for Met Ed. Confirmation requested.

NEIDIG, R.E. :Metropolitan Edison Co.  
FAVREI, L.M. :Babcock & Wilcox Co.

DATE ISS:66/11/22, 7pp. ,48X:19190-293,ODI:GPU 0183 ,TN:GB\*

8307020046 Responds to 661230 ltr enclosing proposed changes to F Trowbridge memo on 661116 meeting. Some revs raise questions which need clarification & discussion.

NEIDIG, R.E. :Metropolitan Edison Co.  
FAVREI, L.M. :Babcock & Wilcox Co.

DATE ISS:67/01/12, 1p. ,48X:19190-300,ODI:GPU 0184 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307020048 List of attendees w/corresponding organizations present at  
670117 conference re nuclear project.

\* :Metropolitan Edison Co.  
:  
DATE ISS:67/01/17, 1p. ,48X:19190-301,ODI:GPU 0185 ,TN:GB\*

8307020052 Submits response to discussions held during 661027 & 1107  
meetings re terms, conditions & previous correspondence  
concerning proposal re NSSS A4-78 contract terms.

FAVRET,L.M. :Babcock & Wilcox Co.  
NEIDIG,R. :Metropolitan Edison Co.  
DATE ISS:66/11/14, 9pp. ,48X:19190-302,ODI:GPU 0186 ,TN:GB\*

8307020056 Forwards revised draft of "Contract for Nuclear Equipment  
for TMI Between Met Ed & B&W." Additions underscored &  
deletions bracketed.

CHARNOFF,G. :Shaw, Pittman, Potts & Trowbridge  
FAVRET,L. :Babcock & Wilcox Co.  
DATE ISS:67/01/27, 55pp. ,48X:19190-311,ODI:GPU 0187 ,TN:GB\*

8307020059 List of attendees w/corresponding organizations present at  
670215 B&W contract conference.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:67/02/15, 1p. ,48X:19191-003,ODI:GPU 0188 ,TN:GB\*

8307020061 List of attendees w/corresponding organizations present at  
670314 contract meeting.

\* :Metropolitan Edison Co.  
:  
DATE ISS:67/03/14, 1p. ,48X:19191-004,ODI:GPU 0189 ,TN:GB\*

8307020063 Handwritten summary of meeting w/Sullivan & Cromwell,  
Gilbert Assoc & B&W in Reading,PA re general conditions of  
NSSS.

\* :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:66/04/12, 2pp. ,48X:19191-005,ODI:GPU 0190 ,TN:GB\*

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8307020066 Forwards redraft of B&W equipment contract, reflecting changes agreed upon at 670314 meeting. Certain items left open for further review. W/o encl.

TROWBRIDGE, F. :Shaw, Pittman, Potts & Trowbridge  
NEIDIG, R.M. :Metropolitan Edison Co.  
DATE ISS:67/03/24, 3pp. ,48X:19191-007,ODI:GPU 0191 ,TN:GB\*

8307020068 Draft of "Contract for Nuclear Equipment for TMI Between Met Ed & B&W."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:67/03/24, 60pp. ,48X:19191-010,ODI:GPU 0192 ,TN:GB\*

8307010199 "Contract for Nuclear Equipment for TMI Nuclear Station Between Met Ed & B&W."

\* :Metropolitan Edison Co.  
:;  
DATE ISS:66/11/15, 60pp. ,48X:19177-103,ODI:GPU 0193 ,TN:GB\*

8307010203 "Proposal of JCP&L, Vol 1, Nuclear Steam Sys."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:67/01/31, 292pp. ,48X:19177-164,ODI:GPU 0194 ,TN:GB\*

8307010206 Summary of 670201 meeting w/B&W in Morristown, NJ re vendor description of NSSS to be supplied & identification of differences in equipment & terms & condition between Met Ed & JCP&L offers.

\* :Jersey Central Power & Light Co.  
:Jersey Central Power & Light Co.  
DATE ISS:67/02/01, 3pp. ,48X:19178-096,ODI:GPU 0195 ,TN:GB\*

8307010208 Discusses problems in preparation of JCP&L proposal. JCP&L proposal should be strictly their own w/min cross ref to Met Ed.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:67/08/13, 1p. ,48X:19178-099,ODI:GPU 0196 ,TN:GB\*

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8307010211 Summary of 670330 meeting w/B&W in Morristown, NJ re joint B&W/JCP&L visits to AEC, validity of 730501 commercial operating date, site discussion turbine size.

\* :Jersey Central Power & Light Co.  
:Jersey Central Power & Light Co.  
DATE ISS:67/03/30, 1p. ,48X:19178-100,ODI:GPU 0197 ,TN:GB\*

8307010218 Summary of 670330 meeting w/B&W in Morristown, NJ re turbine & core rating, schedules & B&W commitments, hardware & fuel proposal options.

NEELY, J.V. :Jersey Central Power & Light Co.  
:Jersey Central Power & Light Co.  
DATE ISS:67/04/11, 5pp. ,48X:19178-101,ODI:GPU 0198 ,TN:GB\*

8307010224 Notification of 670608 meeting w/JCP&L, B&W & counsel in Morristown, NJ to discuss site criteria & turbine sizing influence on licenseability.

\* :Jersey Central Power & Light Co.  
:Jersey Central Power & Light Co.  
DATE ISS:81/05/12, 1p. ,48X:19178-106,ODI:GPU 0199 ,TN:GB\*

8307010282 Summary of 670608 meeting re JCP&L.

GRAY, G. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:67/06/08, 10pp. ,48X:19188-293,ODI:GPU 0200 ,TN:GB\*

8307010283 Summary of 670609 meeting w/JCP&L, Pickard & Lowe Assoc & Shaw, Pittman, Potts, Trowbridge & Madden re review of B&W offering, max expected capacity of nuclear steam sys & changes in offering to achieve increased capacity.

FAVRET, L.M. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:67/06/09, 4pp. ,48X:19188-303,ODI:GPU 0201 ,TN:GB\*

8307010285 Forwards for review, draft contract for NSS-6 & suppl, per 680222 request.

GRAY, G. :Babcock & Wilcox Co.  
FAVRET, L.M. :Babcock & Wilcox Co.  
DATE ISS:68/03/27, 2pp. ,48X:19188-307,ODI:GPU 0202 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307010287 Marked-up draft "Contract for Nuclear Equipment & Svcs," for Oyster Creek Unit 2, between util & vendor.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:68/02/21, 71pp. ,48X:19188-309,ODI:GPU 0203 ,TN:GB\*

8307010289 Comments on JCP&L draft Oyster Creek Unit 2 contract transmitted by G Gray 680327 ltr. Comments based on belief that contract should pose no more or no less burden on vendor than Met Ed contract.

WARD, E.G. :Babcock & Wilcox Co.  
FAVRET, L.M. :Babcock & Wilcox Co.  
DATE ISS:68/04/26, 5pp. ,48X:19189-017,ODI:GPU 0204 ,TN:GB\*

8307010293 Handwritten summary of 680627 meeting w/B&W in Washington, DC.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:68/06/27, 3pp. ,48X:19189-022,ODI:GPU 0205 ,TN:GB\*

8307120618 "Contract for Nuclear Equipment & Svcs for Oyster Creek Nuclear Power Plant, Unit 2 between JCP&L & B&W."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:81/05/12, 72pp. ,48X:19493-025,ODI:GPU 0206 ,TN:GB\*

8307120621 "Part 21 - Reporting of Defects & Noncompliance."

\* :NRC - No Detailed Affiliation Given  
:;  
DATE ISS:79/11/05, 7pp. ,48X:19493-097,ODI:GPU 0207 ,TN:GB\*

8307010295 "Three Mile Island Before, During & After. Briefing by B&W."

ZIPF, G.C. :Babcock & Wilcox Co.  
:;  
DATE ISS:79/06/05, 60pp. ,48X:19189-025,ODI:GPU 0208 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307010296 Weekly status rept dtd 790525 re plants in commercial operation. TMI Unit 1 startup activities for Cycle 5 terminated on 790330. Unit remained at cold shutdown.

OLDS, G.M. :Babcock & Wilcox Co.  
FAVRET, L.M. :Babcock & Wilcox Co.  
DATE ISS:79/05/25, 3pp. ,48X:19189-086, ODI:GPU 0209 ,TN:GB\*

8307010286 Telecopy request for early approval of marketing dept discussions w/selected domestic & foreign utils re description of TMI Unit 2 occurrence. Provides justification re desire to maintain marketplace standing.

EMBREY, N.S. :Babcock & Wilcox Co.  
FAVRET, L.M. :Babcock & Wilcox Co.  
DATE ISS:79/04/12, 2pp. ,48X:19189-089, ODI:GPU 0210 ,TN:GB\*

8307010288 Telcopy listing of utils, util groups & industry organizations to be provided info re TMI-2 incident & aftermath. All info will be coordinated & cleared by Marketing Dept, to keep release of info under strict control.

EMBREY, N.S. :Babcock & Wilcox Co.  
FAVRET, L.M. :Babcock & Wilcox Co.  
DATE ISS:79/04/13, 4pp. ,48X:19189-091, ODI:GPU 0211 ,TN:GB\*

8307010291 "Contract for Nuclear Fuel," for TMI Unit 1, between util & vendor.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:71/05/31, 177pp. ,48X:19189-095, ODI:GPU 0212 ,TN:GB\*

8307080587 Requests list of top ten lessons learned from TMI-2 in order of priority. Info should be submitted by 790608 to allow resolution of differences on 790611.

MACMILLAN, J.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/06/04, 2pp. ,48X:19489-316, ODI:GPU 0214 ,TN:GB\*

8307080594 Submits executive summary of monthly activities rept for May 1979.

KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/12, 8pp. ,48X:19489-323, ODI:GPU 0216 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080597 Submits svc bulletin re follow-up of Davis-Besse 770924 incident & requests procedures for reporting field problems be evaluated. Conclusions & recommendations by 790901.

MACMILLAN, J.H. :Babcock & Wilcox Co.  
KOSIBA, R.E. :Babcock & Wilcox Co.  
DATE ISS:79/07/23, 1p. ,48X:19489-329, ODI:GPU 0217 ,TN:GB\*

8307080601 Agenda of 790723 customer svc dept meeting on steps to provide operating plants w/guidelines derived from operating experience.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/07/23, 1p. ,48X:19489-330, ODI:GPU 0218 ,TN:GB\*

8307080604 Assigns responsibility to finish up action on each segment of problem area. Draft repts for segments must be prepared by 790801. Plan to discuss drafts on 790803.

KOSIBA, R.E. :Babcock & Wilcox Co.  
DECARLI, E.V. :Babcock & Wilcox Co.  
DATE ISS:79/07/27, 4pp. ,48X:19489-331, ODI:GPU 0219 ,TN:GB\*

8307080608 Submits status of action needed to complete review of procedures & practices on reporting & resolving site problems.

KOSIBA, R.E. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/09/04, 2pp. ,48X:19489-346, ODI:GPU 0221 ,TN:GB\*

8307080612 Forwards mgt directive for dissemination to unit managers, supervisory personnel & other key people involved in site problem rept circuit.

OLDS, G.M. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/08/31, 1p. ,48X:19489-348, ODI:GPU 0222 ,TN:GB\*

8307080614 Rev 7 to procedure NPG-0503-04, "Site Problem Repts," on uniform method for documenting problems re B&W scope of supply after shipment to customer & resolution of site problems on affected contracts.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:79/08/20, 8pp. ,48X:19489-352, ODI:GPU 0223 ,TN:GB\*



U. S. NUCLEAR REGULATORY COMMISSION  
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8307080618 Submits items to be added to re-review of 771004 Site Problem Rept 372 & 771114 LER (NP-32-77-16) w/objective of defining followup actions appropriate in view of TMI-2.

KOSIBA,R.E. :Babcock & Wilcox Co.  
WASCHER,R.E. :Babcock & Wilcox Co.  
DATE ISS:79/04/30, 1p. ,48X:19489-360,ODI:GPU 0224 ,TN:GB\*

8307080696 Requests results/accomplishments on work item to review Sept 1977 depressurization incident at Davis-Besse.

KOSIBA,R.E. :Babcock & Wilcox Co.  
WASCHER,R.E. :Babcock & Wilcox Co.  
DATE ISS:79/07/16, 1p. ,48X:19489-361,ODI:GPU 0225 ,TN:GB\*

8307080706 Minutes of customer svc dept 790917 meeting re lessons learned from TMI-2.

KOSIBA,R.E. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/09/18, 1p. ,48X:19489-362,ODI:GPU 0227 ,TN:GB\*

8307080712 Recommends joint paper by Hallman/Elliott/Womack on AOTG effort which contributes to safety by providing direct effective circuit from designer to operators w/feedback.

KOSIBA,R.E. :Babcock & Wilcox Co.  
TAYLOR,J.H. :Babcock & Wilcox Co.  
DATE ISS:79/08/24, 1p. ,48X:19490-008,ODI:GPU 0228 ,TN:GB\*

8307080716 Requests meeting to discuss status of planning for increased support,training & better definition of role of resident engineer in organization.

KOSIBA,R.E. :Babcock & Wilcox Co.  
OLDS,G.M. :Babcock & Wilcox Co.  
DATE ISS:80/01/26, 2pp. ,48X:19490-009,ODI:GPU 0229 ,TN:GB\*

8307080718 Requests review of DW Berger recommendation prepared in response to MacMillan request re operating procedures in light of TMI-2 incident.

KOSIBA,R.E. :Babcock & Wilcox Co.  
ELLIOT,N.S. :Babcock & Wilcox Co.  
DATE ISS:80/01/28, 1p. ,48X:19490-011,ODI:GPU 0230 ,TN:GB\*

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8307080723 Comments on executive summary of technical review committee  
rept re what needs to be done in response to TMI-2.

KOSIBA, R.E. :Babcock & Wilcox Co.  
BALL, R.M. :Babcock & Wilcox Co.  
DATE ISS:79/11/05, 2pp. ,48X:19490-012,ODI:GPU 0231 ,TN:GB\*

8307080741 Annotated Agenda of ACRS Subcommittee on TMI-2 Accident  
Implications meeting on 790531 & 0601.

\* :ACRS - Advisory Committee on Reactor Safeguards  
:ACRS - Advisory Committee on Reactor Safeguards  
DATE ISS:79/06/01, 1p. ,48X:19490-047,ODI:GPU 0234 ,TN:GB\*

8307120627 Forwards notice of noncompliance, notice of proposed  
imposition of civil penalties & investigation repts dtd  
790626, 0918 & 800124. B&W failed to collect, evaluate &  
rept safety-related info, w/o investigation repts.

STELLO, V. :Office of Inspection & Enforcement, Office of the Director  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:80/04/10, 4pp. ,48X:19493-104,ODI:GPU 0250 ,TN:GB\*

8307080745 Confirms recent discussion proposing that review of sys &  
procedures be conducted to determine whether current sys &  
practices adequate. Comments requested by 790615.

ROY, D.H. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/05/15, 1p. ,48X:19490-048,ODI:GPU 0251 ,TN:GB\*

8307080752 Forwards reply to notice of noncompliance dtd 800410.  
Denies each alleged item of noncompliance, however  
proceedings under 10CFR2.205 would be time consuming &  
expensive. Check in payment of civil penalties encl.

GUILBERT, D.E. :Babcock & Wilcox Co.  
STELLO, V. :Office of Inspection & Enforcement, Office of the Director  
DATE ISS:80/05/20, 19pp. ,48X:19490-049,ODI:GPU 0252 ,TN:GB\*

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8307120714 REMARKS PRESENTED (QUESTIONS/ANSWERS DISCUSSED) AT PUBLIC REGIONAL MEETINGS TO DISCUSS REGULATIONS (10CFR PART 21) FOR REPORTING OF DEFECTS AND NONCOMPLIANCE.

\* :Office of Inspection & Enforcement, Office of the Director  
: DATE ISS:77/10/31, 150pp. ,48X:19493-153,ODI:GPU 0258 ,TN:GB\*

8307080796 "TMI-2 & CR-3 NRC Mandates."

\* :Babcock & Wilcox Co.  
: DATE ISS:80/05/16, 6pp. ,48X:19490-113,ODI:GPU 0268 ,TN:GB\*

8307080798 Resume of GT McDaniel.

MCDANIEL,G.T. :Babcock & Wilcox Co.  
: DATE ISS:81/05/27, 1p. ,48X:19490-119,ODI:GPU 0269 ,TN:GB\*

8307090003 Executed master contract for engineering & technical svcs between B&W & Met Ed.

MILLER,G. :Metropolitan Edison Co.  
: DATE ISS:73/11/13, 11pp. ,48X:19490-120,ODI:GPU 0270 ,TN:GB\*

8307090005 Original purchase order issued to B&W to cover master contract for engineering & technical svcs.

\* :Metropolitan Edison Co.  
: DATE ISS:73/11/14, 2pp. ,48X:19490-131,ODI:GPU 0271 ,TN:GB\*

8307090008 Accepts Met Ed Purchase Order 43613 based on agreement w/listed mods.

MOUTZ,T.J. :Babcock & Wilcox Co.  
BREITINGER,W.M.:Metropolitan Edison Co.  
DATE ISS:73/12/18, 1p. ,48X:19490-133,ODI:GPU 0272 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090011 Accepts Met Ed Purchase Order 43613 based on agreement  
w/listed mods. Draft copy of 731218 ltr.

\* :Babcock & Wilcox Co.  
BREITINGER, W.M. :Metropolitan Edison Co.  
DATE ISS:73/12/18, 2pp. ,48X:19490-134, ODI:GPU 0273 ,TN:GB\*

8307090015 Executed master contract for engineering & technical svcs.

ARNOLD, R.C. :Metropolitan Edison Co.  
DATE ISS:75/03/27, 15pp. ,48X:19490-136; ODI:GPU 0274 ,TN:GB\*

8307090021 Original purchase order for equipment for TMI-2, issued to  
B&W.

\* :Metropolitan Edison Co.  
DATE ISS:77/03/11, 15pp. ,48X:19490-168, ODI:GPU 0276 ,TN:GB\*

8307090024 Forwards LF Taynton 770518 memo re proposal for master svcs  
contract.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:76/10/23, 26pp. ,48X:19490-183, ODI:GPU 0277 ,TN:GB\*

8307210328 Forwards revised master svcs contract for official  
transmittal to customer.

TAYNTON, L.F. :Babcock & Wilcox Co.  
SMITH, S.L. :Babcock & Wilcox Co.  
DATE ISS:77/05/18, 25pp. ,48X:19694-221, ODI:GPU 0278 ,TN:GB\*

8307090031 Summarizes results of 771026 meeting w/util re master svc  
contract negotiations.

TAYNTON, L.F. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:77/10/27, 3pp. ,48X:19490-209, ODI:GPU 0279 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307090035 Forwards two proposals re Met Ed & Toledo Edison Co. Both types should be covered by expanded clause, W/o encls.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:77/02/28, 2pp. ,48X:19490-212,ODI:GPU 0280 ,TN:GB\*

8307090040 Advises that purchase order subj to T&C of master svc contract. Use of spare Part K recommended as more suitable, however reluctant to reject order.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:77/04/14, 1p. ,48X:19490-214,ODI:GPU 0281 ,TN:GB\*

8307090048 Position Description: Unit Manager, Safety Analysis.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:75/09/15, 1p. ,48X:19490-216,ODI:GPU 0283 ,TN:GB\*

8307090134 Position Description: Unit Manager, Plant Integration.

KARRASCH, B.A. :Babcock & Wilcox Co.  
:  
DATE ISS:77/02/09, 2pp. ,48X:19491-006,ODI:GPU 0304 ,TN:GB\*

8307090136 Discusses plant integration operating plan for 1978. Detailed description of role should be provided to define priorities of work.

KARRASCH, B.A. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/04/07, 5pp. ,48X:19491-008,ODI:GPU 0305 ,TN:GB\*

8307090140 Paper stating space reserved for BA Karrasch note of 810618.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:81/06/18, 1p. ,48X:19491-015,ODI:GPU 0307 ,TN:GB\*

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8307020125 Forwards preliminary draft of proposal as prepared for  
Met Ed NSSS bid.

KAZAR, R.V. :Babcock & Wilcox Co.  
VICTOR, H. :Babcock & Wilcox Co.  
DATE ISS:66/06/24, 1p. ,48X:19224-004,ODI:GPU 0309 ,TN:GB\*

8307020123 Forwards suggested paragraph & variation to replace second  
paragraph of matl entitled "Change" in general conditions.

KASTRES, R.A. :Sullivan & Cromwell  
EILEEN, D.R. :Babcock & Wilcox Co.  
DATE ISS:66/06/20, 4pp. ,48X:19224-005,ODI:GPU 0310 ,TN:GB\*

8307020128 Forwards changes clauses to be included in nuclear island &  
NSSS proposals.

KAZAR, R.V. :Babcock & Wilcox Co.  
VICTOR, M. :Babcock & Wilcox Co.  
DATE ISS:66/07/29, 3pp. ,48X:19224-009,ODI:GPU 0311 ,TN:GB\*

8307020131 Forwards draft of agreement between B&W & Reliance Truck  
Co, Inc & draft of Chattel mortgage.w/o encls.

\* :Sullivan & Cromwell  
:Babcock & Wilcox Co.  
DATE ISS:67/01/23, 2pp. ,48X:19224-012,ODI:GPU 0312 ,TN:GB\*

8307020134 Forwards drafts of certain sections of contract between  
B&W & Met Ed per 670315 meeting.

KASTRES, R.A. :Sullivan & Cromwell  
TROWBRIDGE, G.F.:Babcock & Wilcox Co.  
DATE ISS:67/03/16, 5pp. ,48X:19224-014,ODI:GPU 0313 TN:GB\*

8307020137 Forwards redraft of B&W equipment contract reflecting all  
changes agreed upon through 670314 meeting w/B&W.

TROWBRIDGE, G.F.:Shaw, Pittman, Potts & Trowbridge  
NEIDIG, R.E. :Metropolitan Edison Co.  
DATE ISS:67/03/24, 3pp. ,48X:19224-019,ODI:GPU 0314 TN:GB\*

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8307020139 Contract for NSSS.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:66/11/15, 60pp. ,48X:19224-022,ODI:GPU 0315 ,TN:GB\*

8307020142 Index for contract document & appendices.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:81/06/30, 11pp. ,48X:19224-082,ODI:GPU 0316 ,TN:GB\*

8307020145 Partial contract for fuel assemblies.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:74/12/30, 6pp. ,48X:19224-093,ODI:GPU 0317 ,TN:GB\*

8307020146 Forwards general conditions applicable to NSSS contract  
w/Mill-Power Supply Co for Duke Power.

\* :Babcock & Wilcox Co.  
:Sullivan & Cromwell  
DATE ISS:66/11/22, 1p. ,48X:19224-099,ODI:GPU 0318 ,TN:GB\*

8307020149 Proposal to Mill-Power Supply Co for Duke Power Co re NSSS.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:66/03/28, 24pp. ,48X:19224-100,ODI:GPU 0319 ,TN:GB\*

8307020152 Contract proposal re general condition for NSSS.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:66/10/25, 5pp. ,48X:19224-124,ODI:GPU 0320 ,TN:GB\*

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8307020154 Exceptions, clarifications & addl general conditions amending  
670323 ltr of inquiry.

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:81/06/30, 3pp. ,48X:19224-129,ODI:GPU 0321 ,TN:GB\*

8307120821 Provides sequence of events.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/07/01, 17pp. ,48X:19493-332,ODI:GPU 0322 ,TN:GB\*

8307020159 Submits Apr activities rept.R&D monthly progress rept encl.

JONES,R.C. :Babcock & Wilcox Co.  
DUNN,B.M. :Babcock & Wilcox Co.  
DATE ISS:77/04/27, 5pp. ,48X:19224-168,ODI:GPU 0325 ,TN:GB11

8307020162 Discusses ability of HPI sys for Oconee-type plants to  
mitigate consequences of small break at pump discharge.Div  
will require 100 manhours & 6 computer hours to investigate  
problem.

JONES,R.C. :Babcock & Wilcox Co.  
DUERSON,S.H. :Babcock & Wilcox Co.  
DATE ISS:77/04/11, 1p. ,48X:19224-174,ODI:GPU 0326 ,TN:GB11

8307020166 Submits May activities rept.May R&D progress rept encl.

JONES,R.C. :Babcock & Wilcox Co.  
DUNN,B.M. :Babcock & Wilcox Co.  
DATE ISS:77/05/31, 6pp. ,48X:19224-175,ODI:GPU 0327 ,TN:GB\*

8307020168 Forwards rept on Scoping Study on operator action for small  
breaks at pump discharge for 177-FA lowered loop plants.

HAGHI,M.A. :Babcock & Wilcox Co.  
LUKEN,R.C. :Babcock & Wilcox Co.  
DATE ISS:78/07/05, 3pp. ,48X:19224-181,ODI:GPU 0328 ,TN:GB\*



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8307020171 Forwards responses to Questions 1 & 2 in GPU 770606 ltr re  
small break.

JONES, R.C. :Babcock & Wilcox Co.  
GIBSON, W.R. :Babcock & Wilcox Co.  
DATE ISS:77/07/06, 3pp. ,48X:19224-184, ODI:GPU 0329 ,TN:GB\*

8307020174 Forwards response to Technical Issue 4, as defined in  
NUREG-0138, re loss of offsite power following LOCA.

JONES, R.C. :Babcock & Wilcox Co.  
SPEIGHT, W.R. :Babcock & Wilcox Co.  
DATE ISS:78/07/11, 3pp. ,48X:19224-187, ODI:GPU 0331 ,TN:GB\*

8307020176 Resume of GK wandling.

WANDLING, G.K. :Babcock & Wilcox Co.  
DATE ISS:79/07/02, 2pp. ,48X:19224-190, ODI:GPU 0332 ,TN:GB\*

8307020179 Vol 1 to general communications record, 790328-30.

WANDLING, G.K. :Babcock & Wilcox Co.  
DATE ISS:79/03/30, 19pp. ,48X:19224-192, ODI:GPU 0333 ,TN:GB\*

8307020182 Rev 3 to Administrative Procedure NPG-D503-04 re site  
problem rept.

\* :Babcock & Wilcox Co.  
DATE ISS:75/03/21, 7pp. ,48X:19224-211, ODI:GPU 0334 ,TN:GB\*

8307130019 Informs of establishment of nuclear svc site ofc at TMI  
supporting Unit 2 as of 770103. General responsibilities  
outlined & mailing address & phone numbers provided.

ROGERS, L.C. :Babcock & Wilcox Co.  
HERBEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:77/01/03, 4pp. ,48X:19498-186, ODI:GPU 0336 ,TN:GB\*

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8307020208 Forwards marked-up final copies of limits, precautions & setpoints for Unit 2, w/o encl.

ROGERS, L.C. :Babcock & Wilcox Co.  
TOOLE, R.J. :General Public Utilities - GPU Service Corp.  
DATE ISS:77/05/25, 1p. ,48X:19224-284, ODI:GPU 0347 ,TN:GB\*

8307020210 Forwards updated issues of plant setpoints & BAW chemistry guide specs. Figure 1 of BAW 2050 will be supplied later. w/o encl.

ROGERS, L.C. :Babcock & Wilcox Co.  
TOOLE, R.J. :General Public Utilities - GPU Service Corp.  
DATE ISS:77/07/13, 2pp. ,48X:19224-285, ODI:GPU 0348 ,TN:GB\*

8307130055 Draft Procedure DP 1101-01, "Plant Limits & Precautions."

\* :Babcock & Wilcox Co.  
: DATE ISS:77/05/31, 137pp. ,48X:19498-196, ODI:GPU 0349 ,TN:GB\*

8307130083 Forwards draft Rev 3 to CP 2103-1.3, "Pressurizer Operation," for review & comment.

ROGERS, L.C. :Babcock & Wilcox Co.  
HILBISH, J.F. :Metropolitan Edison Co.  
DATE ISS:76/03/05, 2pp. ,48X:19498-325, ODI:GPU 0350 ,TN:GB\*

8307130089 Draft Procedure CP 2103-1.3, "Pressurizer Operation."

\* :Babcock & Wilcox Co.  
: DATE ISS:76/03/05, 87pp. ,48X:19498-327, ODI:GPU 0350 ,TN:GB\*

8307020213 Rev 4 to Operating Procedure 2101-2.1, "Nuclear Plant Setpoints."

\* :Babcock & Wilcox Co.  
: DATE ISS:78/11/06, 43pp. ,48X:19224-287, ODI:GPU 0351 ,TN:GB\*

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8307020217 Forwards draft Procedure EP 2202-1.5, "Pressurizer Sys Failure," for review.

ROGERS,L.C. :Babcock & Wilcox Co.  
HILBISH,J.F. :Metropolitan Edison Co.  
DATE ISS:75/11/26, 11pp. ,48X:19224-330,ODI:GPU 0352 ,TN:GB\*

8307130095 Forwards draft Unit 2 control room alarm responses for review.

ROGERS,L.C. :Babcock & Wilcox Co.  
HILBISH,J.F. :Metropolitan Edison Co.  
DATE ISS:75/11/25, 7pp. ,48X:19499-052,ODI:GPU 0353 ,TN:GB\*

8307020226 Forwards draft rev of OP 2103-1.4, "RCS (Rev 1)" for review & comments.

ROGERS,L.C. :Babcock & Wilcox Co.  
HILBISH,J.F. :Metropolitan Edison Co.  
DATE ISS:76/07/16, 28pp. ,48X:19224-347,ODI:GPU 0356 ,TN:GB\*

8307020229 Forwards draft rev of AP 2203-1.4, "RCP & Motor Emergencies (Rev 1)," for review & comments.

ROGERS,L.C. :Babcock & Wilcox Co.  
HILBISH,J.F. :Metropolitan Edison Co.  
DATE ISS:76/07/15, 14pp. ,48X:19225-013,ODI:GPU 0357 ,TN:GB\*

8307130100 Forwards draft rev of EP 2202-1.4, "Loss of RC Flow/RC Pump Trip" for review & comment.

ROGERS,L.C. :Babcock & Wilcox Co.  
HILBISH,J.F. :Metropolitan Edison Co.  
DATE ISS:76/05/15, 6pp. ,48X:19499-059,ODI:GPU 0358 ,TN:GB\*

8307130109 Forwards draft rev of reactor coolant pump control room alarm responses for review & comment.

ROGERS,L.C. :Babcock & Wilcox Co.  
HILBISH,J.F. :Metropolitan Edison Co.  
DATE ISS:76/07/08, 42pp. ,48X:19499-064,ODI:GPU 0359 ,TN:GB\*

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8307020232 Forwards draft Rev 0 of Procedures 2204-8.C28, 2204-8.D28,  
2204-8.E28 & 2204-8.F28 for review & comment.

ROGERS, L.C. :Babcock & Wilcox Co.  
SEELINGER, J.L. :Metropolitan Edison Co.  
DATE ISS:77/05/02, 7pp. ,48X:19225-027, ODI:GPU 0360 ,TN:GB\*

8307020234 Forwards draft Procedure OP 1202.04, "Reactor Trip."

ROGERS, L.C. :Babcock & Wilcox Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:77/03/28, 8pp. ,48X:19225-034, ODI:GPU 0361 ,TN:GB\*

8307020237 Forwards Emergency Procedure 2203-2.2 "Turbine Trip," for  
review & comments.

ROGERS, L.C. :Babcock & Wilcox Co.  
TOOLE, R.J. :General Public Utilities - GPU Service Corp.  
DATE ISS:75/08/04, 4pp. ,48X:19225-042, ODI:GPU 0362 ,TN:GB\*

8307020241 Submits draft rev of "DHR Via OTSG," for review & comments.

ROGERS, L.C. :Babcock & Wilcox Co.  
WILLIAMS, M.A. :Metropolitan Edison Co.  
DATE ISS:77/01/27, 13pp. ,48X:19225-046, ODI:GPU 0363 ,TN:GB\*

8307130116 Summary of Investigative Committee 780428 meeting re TMI  
Unit 2 events following 780423 reactor trip.

BENSON, M.L. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:78/04/28, 3pp. ,48X:19499-106, ODI:GPU 0365 ,TN:GB\*

8307130122 Forwards 780508 memo & LC Rogers 780502 ltr re rapid  
cooldown transient of 780423.

WANDLING, G.K. :Babcock & Wilcox Co.  
ROGERS, L.C. :Babcock & Wilcox Co.  
DATE ISS:78/05/09, 18pp. ,48X:19499-109, ODI:GPU 0366 ,TN:GB\*

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8307020247 Notifies that vendor incorporated startup problem repts into site problem rept sys to gain better internal control of util originated startup problem repts. Util will receive resolutions of problems through personnel at site.

PLETKE, L.R. :Babcock & Wilcox Co.  
HOWARD, R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:76/11/05, 2pp. ,48X:19225-061,ODI:GPU 0367 ,TN:GB\*

8307060453 Forwards draft rev of Surveillance Procedure 2301-D1, "RCS Leak Rate."

ROGERS, L.C. :Babcock & Wilcox Co.  
HILBISH, J.F. :Metropolitan Edison Co.  
DATE ISS:76/02/10, 1p. ,48X:19302-068,ODI:GPU 0373 ,TN:GB\*

8307060459 Scenario of 790414 group discussion on Unit 2 790328 event.

MILLER, G.P. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/04/14, 32pp. ,48X:19302-090,ODI:GPU 0374 ,TN:GB\*

8307060465 Advises of possible generic problem re electromatic relief valve malfunction. SIP issued to all plants by K Wandling to maintain insp of moving parts. Site problem rept of 750613 valve failure at Oconee 3 encl.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:75/07/16, 3pp. ,48X:19302-126,ODI:GPU 0376 ,TN:GB\*

8307060468 Description of NSSS design group responsibilities.

\* :babcock & wilcox Co.  
:  
DATE ISS:81/09/29, 2pp. ,48X:19302-129,ODI:GPU 0377 ,TN:GB\*

8307060471 Submits monthly activities rept for Apr 1978.

KARRASCH, B.A. :Babcock & Wilcox Co.  
ROY, D.H. :Babcock & Wilcox Co.  
DATE ISS:78/05/02, 4pp. ,48X:19302-131,ODI:GPU 0378 ,TN:GB\*

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8307060474 Submits monthly progress rept for Dec 1978.

KARRASCH, B.A. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:79/01/03, 4pp. ,48X:19302-135,ODI:GPU 0379 ,TN:GB11

8307060477 Comments on operating guidelines for small breaks in preparation for discussion w/NRC.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:81/09/29, 11pp. ,48X:19302-139,ODI:GPU 0380 ,TN:GB\*

8307060496 Confirms morning discussion on short term action plan for response to owners group request re proposed TMI-2 impact study. Proposal work on each key issue will be completed by 790801 subj to listed resource availability.

KARRASCH, B.A. :Babcock & Wilcox Co.  
FURTUNE, H.J. :Babcock & Wilcox Co.  
DATE ISS:79/06/21, 3pp. ,48X:19302-167,ODI:GPU 0385 ,TN:GB\*

8307060500 Updates 790524 list of work tasks re TMI-2 incident. Forty nine of 92 items completed. Items 88-92 added.

LITCHFIELD, C.W. :Babcock & Wilcox Co.  
ROY, D.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/06, 14pp. ,48X:19302-170,ODI:GPU 0386 ,TN:GB\*

8307060502 Responds to 791019 request for evaluation of potential change impact on RCS design. Evaluation of change impact w/respect to Functional Spec 1092 by plant design staff requested. Request of 791029 encl.

KARRASCH, B.A. :Babcock & Wilcox Co.  
PRYOR, C.W. :Babcock & Wilcox Co.  
DATE ISS:79/11/09, 2pp. ,48X:19302-184,ODI:GPU 0387 ,TN:GB\*

8307060534 Resume of CE Goslow.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:82/01/07, 1p. ,48X:19302-229,ODI:GPU 0401 ,TN:GB\*

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8307060536 Professional experience of CE Goslow.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:82/01/07, 2pp. ,48x:19302-230,ODI:GPU 0402 ,TN:GB\*

8307060614 Responds to Session I matl request re communication program. Response summarizes feedback from 800110 meeting w/onsite personnel.Prof press relations staff & addl assistance for technical papers recommended.

PHINNEY,J.D. :Babcock & Wilcox Co.  
BRUCE,R.L. :Babcock & Wilcox Co.  
DATE ISS:80/01/25, 1p. ,48x:19340-001,ODI:GPU 0417 ,TN:GB\*

8307060617 Position description of second manager of plant performance svc for nuclear svc dept.

COPPULA,E.J. :Babcock & Wilcox Co.  
:  
DATE ISS:75/09/23, 1p. ,48x:19340-002,ODI:GPU 0419 ,TN:GB\*

8307060621 Nuclear power generation div engineering chart.Component engineering heads organization followed by advisory engineer & then divisional depts:RCS components,reactor internals, steam generator,supports,structural & graphic.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:82/01/21, 1p. ,48x:19340-003,ODI:GPU 0420 ,TN:GB\*

8307060624 Nuclear power generating div engineering Chart 5.Fluid & mechanical sys heads organization,assisted by advisory engineer & served by fluid sys,mechanical equipment & pumps & drives.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:82/01/21, 1p. ,48x:19340-004,ODI:GPU 0421 ,TN:GB\*

8307060631 Advises that item re review of Davis Besse 771004 site program rept & 771114 LER should be added to TMI-2 work list.Item will define appropriate followup actions in view of TMI-2.

KUSIBA,R.E. :Babcock & Wilcox Co.  
WASCHER,R.E. :Babcock & Wilcox Co.  
DATE ISS:79/04/30, 1p. ,48x:19340-006,ODI:GPU 0423 ,TN:GB\*

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8307060635 Requests results of & any actions taken re Davis-Besse-1  
depressurization incident in Sept 1977.

KOSIBA, R.E. :Babcock & Wilcox Co.  
WASCHER, R.E. :Babcock & Wilcox Co.  
DATE ISS:79/07/16, 1p. ,48X:19340-007,ODI:GPU 0424 ,TN:GB\*

8307070019 Requests evaluation & action on submitted issues critical to  
long-term function of engineering dept. Issues re mgt of  
resources, product responsibility & inter-dept coordination  
recommended.

KENNEDY, R.K. :Babcock & Wilcox Co.  
STANEK, L.J. :Babcock & Wilcox Co.  
DATE ISS:79/11/27, 2pp. ,48X:19340-080,ODI:GPU 0439 ,TN:GB\*

8307070023 Resume of B&W power sys & controls unit manager, JD Carlson.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:82/01/28, 1p. ,48X:19340-082,ODI:GPU 0440 ,TN:GB11

8307070337 Concurs w/790626 recommendations in response to 790515 memo,  
"Procedures for Identifying & Resolving Safety Concerns."  
Procedures & funding for expanded LER use initiated. Progress  
rept requested by 790731. Draft response to 790515 ltr encl.

ROY, D.H. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/07/05, 7pp. ,48X:19340-130,ODI:GPU 0448 ,TN:GB\*

8307120730 Submits comments on technical product evaluation project  
plan. Criteria should be considered in context of  
requirements compiled in Phase II of project.

ROY, D.H. :Babcock & Wilcox Co.  
QUALE, G.D. :Babcock & Wilcox Co.  
DATE ISS:79/10/08, 4pp. ,48X:19461-042,ODI:GPU 0449 ,TN:GB\*

8307070340 Informs of comprehensive product evaluation project directed  
by GD Quale to recommend mods of equipment & requirements.  
Project directed at supply & requirements for balance of  
plant, including steam plant & control room equipment.

ROY, D.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/08/10, 1p. ,48X:19340-137,ODI:GPU 0450 ,TN:GB\*



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- 8307070343 Comments on 1980 Comprehensive Business Plan & implications of TMI incident. Reassessment of FY80 commitment & FY81 projections to include accident impact recommended. Revised financial figures & status repts at mgt meetings requested.  
ZIPF, G.G. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/05/23, 2pp. ,48X:19340-138, ODI:GPU 0451 ,TN:GB\*
- 8307070347 Recommends revised approach for dealing w/valve availability problem on global cause & effect basis, per 780907 review of proposed valve availability improvement program. Response requested by 780914.  
ROY, D.H. :Babcock & Wilcox Co.  
STANEK, L.J. :Babcock & Wilcox Co.  
DATE ISS:78/09/11, 1p. ,48X:19340-140, ODI:GPU 0452 ,TN:GB\*
- 8307070351 Forwards site problem repts & comment forms for resolution of valve problems at DPC & Toledo Edison. Meeting w/P Perrone to discuss comments & recommendations requested.  
ROY, D.H. :Babcock & Wilcox Co.  
KING, L.P. :Babcock & Wilcox Co.  
DATE ISS:78/09/11, 12pp. ,48X:19340-141, ODI:GPU 0453 ,TN:GB\*
- 8307120738 Advises that meeting will be held on 780705 to discuss procedure review for safety implications of site problems & operational upsets.  
ROY, D.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/05/30, 2pp. ,48X:19461-046, ODI:GPU 0454 ,TN:GB\*
- 8307120747 Discusses mean to assure adequate involvement of safety analysis unit personnel at front end of site & operational upset problem resolution, per 780605 meeting & encl 780411 memo.  
ROY, D.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/06/08, 5pp. ,48X:19461-048, ODI:GPU 0455 ,TN:GB\*
- 8307070354 Requests development of more effective sys for acquiring equipment failure info. Availability improvement action plan, suggested site program rept checklist & Procedure NPG-0503-04, Rev 5, "Site Problem Rept," encl.  
ROY, D.H. :Babcock & Wilcox Co.  
FAHLAND, F.R. :Babcock & Wilcox Co.  
DATE ISS:78/09/11, 18pp. ,48X:19340-153, ODI:GPU 0456 ,TN:GB\*

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8307070357 Summarizes function of NRC research review group & 780110 meeting. Review group will develop plan for projects for development of new or improved nuclear power plant sys. Draft rept to Congress encl. Rept will be reviewed on 780210.

ROY, D.H. :Babcock & Wilcox Co.

TAYLOR, J.H. :Babcock & Wilcox Co.

DATE ISS:78/01/20, 13pp. ,48X:19340-171,ODI:GPU 0457 ,TN:GB\*

8307070360 Confirms 790414 discussion re data requested by DH Roy on TMI electromagnetic relief valve. Response to relevant questions should be returned to DH Roy by 790415.

\* :Babcock & Wilcox Co.

LEE, D.E. :Babcock & Wilcox Co.

DATE ISS:79/04/15, 3pp. ,48X:19340-184,ODI:GPU 0458 ,TN:GB\*

8307070370 Forwards requested equipment specs & test procedures & submits data re electromatic relief valve. Testing did not provide useful info on valve ability to respond on demand. Refurbishment & test info by Dresser to be pursued.

LEE, B.E. :Babcock & Wilcox Co.

ROY, D.H. :Babcock & Wilcox Co.

DATE ISS:79/04/15, 2pp. ,48X:19340-187,ODI:GPU 0459 ,TN:GB\*

8307070373 Forwards draft Rev 0 to Procedure NPG-0151-81G, Objectives & Responsibilities - Plant Design Section." Statement for Section I & App E requested. Response requested by 770810.

SULLIVAN, F.W. :Babcock & Wilcox Co.

ROY, D.H. :Babcock & Wilcox Co.

DATE ISS:77/07/22, 19pp. ,48X:19340-189,ODI:GPU 0460 ,TN:GB\*

8307070378 Forwards revised Page 1 & writeup by D Roy to be incorporated in draft, "Objectives & Responsibilities - Plant Design Section."

BROOKS, L. :Babcock & Wilcox Co.

SULLIVAN, F. :Babcock & Wilcox Co.

DATE ISS:77/08/29, 2pp. ,48X:19340-210,ODI:GPU 0461 ,TN:GB\*

8307070380 Draft "Performance Engineering Concept."

\* :Babcock & Wilcox Co.

DATE ISS:79/07/26, 3pp. ,48X:19340-212,ODI:GPU 0462 ,TN:GB\*

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8307070386 Recommends ten priority issues deserving of analysis & followup action in wake of TMI-2 accident. Issues likely to be part of AIF Task Force discussions. Thought process flow chart for issue selection encl.

ROY, H. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/06/08, 5pp. ,48X:19340-215,ODI:GPU 0463 ,TN:GB\*

8307070391 Ack acceptance of invitation to present paper & participate in ASME 791202-07 winter annual meeting. Response re use of visual aids requested. Confirmed final program for Session 6 & 791005 memo re safety design trends encl.

SNYDER, A.W. :Sandia Laboratories  
ROY, D.H. :Babcock & Wilcox Co.  
DATE ISS:79/09/21, 9pp. ,48X:19340-220,ODI:GPU 0464 ,TN:GB\*

8307070396 Requests cooperation to insure unit phone calls will be received despite absence of both unit manager & secretary.

ROY, D.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:77/08/29, 1p. ,48X:19340-229,ODI:GPU 0465 ,TN:GB\*

8307120753 Resume of HA Bailey.

BAILEY, H.A. :Babcock & Wilcox Co.  
:  
DATE ISS:83/07/12, 2pp. ,48X:19461-053,ODI:GPU 0466 ,TN:GB11

8307120758 Miscellaneous notations re once-through steam generator.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:83/07/12, 3pp. ,48X:19461-055,ODI:GPU 0467 ,TN:GB11

8307070400 Submits names of B Karrach & BM Dunn.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:82/02/23, 1p. ,48X:19340-230,UDI:GPU 0468 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307130180 Resume of C Michelson.

MICHELSON,C. :Tennessee Valley Authority  
:;  
DATE ISS:83/07/13, 2pp. ,48X:19503-275,ODI:GPU 0477 ,TN:GB\*

8307060454 Summary of 781204 telephone conference w/B&W re small break analysis - response to K-5020.

\* :Tennessee Valley Authority  
:Tennessee Valley Authority  
DATE ISS:79/08/03, 2pp. ,48X:19340-239,ODI:GPU 0479 ,TN:GB11

8307060551 Sketch of piping & valves.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:82/04/13, 1p. ,48X:19340-287,ODI:GPU 0492 ,TN:GB11

8307060553 Resume of LR Cartin.

CARTIN,L.R. :Babcock & Wilcox Co.  
:;  
DATE ISS:82/04/13, 1p. ,48X:19340-288,ODI:GPU 0493 ,TN:GB\*

8307060570 Resume of JR Albert.

ALBERT,J.R. :Babcock & Wilcox Co.  
:;  
DATE ISS:82/04/21, 1p. ,48X:19340-304,ODI:GPU 0498 ,TN:GB\*

8307060573 Rev 0 to Plant Emergency Procedure EP 1202-29, "Pressurizer Sys Failure."

COLITZ,J.J. :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:73/10/18, 9pp. ,48X:19340-305,ODI:GPU 0499 ,TN:GB\*

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8307060576 Rev 2 to Emergency Procedure EP 1202-6, "Loss of Reactor  
Coolant/Reactor Coolant Pressure."

COLITZ, J.J. : General Public Utilities - GPU Service Corp.  
:  
DATE ISS: 75/06/04, 19pp. , 48X: 19340-314, ODI: GPU 0500 , TN: GB\*

8307060581 Recommends increasing surveillance frequency of calibr of  
westinghouse Veritrak transmitters, used for RCS narrow-  
range pressure. Increased surveillance will detect drifting  
& should be referenced to ambient temp condition.

ALBERT, J.R. : Babcock & Wilcox Co.  
TULODIESKI, D.B. : Babcock & Wilcox Co.  
DATE ISS: 75/04/02, 1p. , 48X: 19340-334, ODI: GPU 0501 , TN: GB\*

8307060583 Resume of JD Agar.

AGAR, J.D. : Babcock & Wilcox Co.  
:  
DATE ISS: 82/04/22, 1p. , 48X: 19340-335, ODI: GPU 0502 , TN: GB\*

8307130208 Resume of JD Agar.

AGAR, J.D. : Babcock & Wilcox Co.  
:  
DATE ISS: 83/07/13, 1p. , 48X: 19503-349, ODI: GPU 0502 , TN: GB\*

8307060586 Resume of JR Shetler.

SHETLER, J.R. : Babcock & Wilcox Co.  
:  
DATE ISS: 82/04/23, 1p. , 48X: 19340-336, ODI: GPU 0503 , TN: GB\*

8307060630 Annual reactor operator & senior reactor operator  
requalification exam results (Cycle 5).

BEEN, M.L. : General Public Utilities - GPU Service Corp.  
:  
DATE ISS: 78/02/16, 7pp. , 48X: 19341-032, ODI: GPU 0508 , TN: GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307130243 Resume of TF Scott.

SCOTT, J.F. :Babcock & Wilcox Co.  
: :  
DATE ISS:83/07/13, 2pp. ,48X:19503-352,ODI:GPU 0512 ,TN:GB\*

8307130251 Operating Spec 68-1004243-00, "Plant Setpoints."

SCOTT, T.F. :Babcock & Wilcox Co.  
: :  
DATE ISS:78/03/16, 4pp. ,48X:19503-293,ODI:GPU 0513 ,TN:GB\*

8307060634 Operational log summary of loss-of-feedwater transient on  
790328.

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:79/03/28, 6pp. ,48X:19341-042,ODI:GPU 0514 ,TN:GB\*

8307070532 Discusses design & arrangement of IMI-2 control room &  
control consoles.

WARD, E.G. :Babcock & Wilcox Co.  
SUHRKE, K.E. :Babcock & Wilcox Co.  
DATE ISS:79/10/25, 2pp. ,48X:19341-048,ODI:GPU 0515 ,TN:GB\*

8307070536 Requests IMI-2 draft operating procedures, reflecting  
differences between Unit 1 & Unit 2 & operating criteria  
changes established during testing at Oconee 1. Carol  
printout for test specs requested by Sept 1973.

HEWARD, R.W. :General Public Utilities - GPU Service Corp.  
WARD, E.G. :Babcock & Wilcox Co.  
DATE ISS:73/07/06, 1p. ,48X:19341-050,ODI:GPU 0516 ,TN:GB\*

8307130264 Discusses SPR-158 re natural circulation mode of operation.  
Mod to control sys to give operator ability to control once  
through steam generator level in control room when reactor  
coolant pumps inoperable not recommended.

KARRASCH, B.A. :Babcock & Wilcox Co.  
PITTMAN, R.L. :Babcock & Wilcox Co.  
DATE ISS:74/02/07, 2pp. ,48X:19503-334,ODI:GPU 0517 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070070 Advises that B&W will supply significant deficiency procedure per encl 780125 request.

WARD, E.G. :Babcock & Wilcox Co.  
HOFFMAN, D. :Babcock & Wilcox Co.  
DATE ISS:78/02/07, 2pp. ,48X:19341-051, ODI:GPU 0518 ,TN:GB\*

8307070074 Forwards outline of reactor operation training program scheduled for early 1970.

THOMAS, C.E. :Babcock & Wilcox Co.  
RODGERS, J.T. :Florida Power Corp.  
DATE ISS:68/08/08, 6pp. ,48X:19341-053, ODI:GPU 0519 ,TN:GB\*

8307070081 Reactor operator training program outline detailing course duration & tentative lecture subjs.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:68/08/08, 5pp. ,48X:19341-059, ODI:GPU 0519 ,TN:GB\*

8307070091 Recommends establishment of operation ctr to deal w/tasks associated w/understanding of & recovering from TMI-2 accident.

DEDDENS, J.C. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/03/29, 4pp. ,48X:19341-064, ODI:GPU 0520 ,TN:GB\*

8307070096 Resume of EG Ward.

WARD, E.G. :Babcock & Wilcox Co.  
:  
DATE ISS:82/05/19, 1p. ,48X:19341-068, ODI:GPU 0521 ,TN:GB\*

8307070109 Resume of EG Ward.

WARD, E.G. :Babcock & Wilcox Co.  
:  
DATE ISS:76/08/24, 1p. ,48X:19341-069, ODI:GPU 0522 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070130 Resume of JH MacMillan.

MACMILLAN, J.H. :Babcock & Wilcox Co.

DATE ISS:82/06/09, 1p. ,48X:19341-070,ODI:GPU 0523 ,TN:GB\*

8307070135 Organizational chart for B&W Power Generation Group, Nuclear  
Power Generation Div.

\* :Babcock & Wilcox Co.

DATE ISS:82/06/09, 1p. ,48X:19341-071,ODI:GPU 0524 ,TN:GB\*

8307070137 Organizational chart of Nuclear Power Generation Div,  
Engineering Dept.

\* :Babcock & Wilcox Co.

DATE ISS:82/06/09, 1p. ,48X:19341-072,ODI:GPU 0525 ,TN:GB\*

8307070141 Organizational chart of Power Generation Group, Nuclear  
Power Generating Div.

\* :Babcock & Wilcox Co.

DATE ISS:82/06/09, 1p. ,48X:19341-073,ODI:GPU 0526 ,TN:GB\*

8307070145 Organizational chart of Nuclear Power Generation Div,  
Engineering Dept.

\* :Babcock & Wilcox Co.

DATE ISS:82/06/09, 1p. ,48X:19341-074,ODI:GPU 0527 ,TN:GB\*

8307070162 Final Part 21 rept re small break (LOCA) on discharge side  
of reactor coolant pump. Potential solutions include  
effective HPI flow increase or RCS depressurization to  
obtain LPI flow.

TAYLOR, J.H. :Babcock & Wilcox Co.

VULGENAU, E. :Office of Inspection & Enforcement, Office of the Director

DATE ISS:78/04/14, 18pp. ,48X:19341-079,ODI:GPU 0529 ,TN:GB\*



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8307070295 Requests concept & details of safety review group formation. be reviewed w/MacMillan. Safety review group should meet prior to 790915 to develop plan for near-term actions for submittal by 791001. Plan should include manpower assessment.

TAYLOR, J.H. :Babcock & Wilcox Co.

ROY, D.H. :Babcock & Wilcox Co.

DATE ISS:79/09/04, 3pp. ,48X:19341-098,ODI:GPU 0530 ,TN:GB\*

8307070300 Forwards 790604 memo re B&W NSSS responsiveness. Meeting w/In Embrey recommended to map strategy for demonstrating manageability of transient control.

ROY, D.H. :Babcock & Wilcox Co.

WOMACK, E.A. :Babcock & Wilcox Co.

DATE ISS:79/06/05, 2pp. ,48X:19341-101,ODI:GPU 0531 ,TN:GB\*

8307070305 Requests encl draft article re NSSS design be forwarded to S Strauss for incorporation in publication on lessons learned from TMI.

EMBREY, N.S. :Babcock & Wilcox Co.

HUCKFELDT, J. :Affiliation Unknown

DATE ISS:79/08/29, 6pp. ,48X:19341-103,ODI:GPU 0533 ,TN:GB\*

8307070395 Lists top 10 lessons learned from TMI-2 accident.

BALL, R.M. :Babcock & Wilcox Co.

MACMILLAN, J.H. :Babcock & Wilcox Co.

DATE ISS:79/06/08, 2pp. ,48X:19341-110,ODI:GPU 0535 ,TN:GB\*

8307070406 Requests prioritized listing of key accomplishments since TMI-2 event by 790920, per encl JH MacMillan 790919 memo.

ROY, D.H. :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:79/09/19, 2pp. ,48X:19341-122,ODI:GPU 0537 ,TN:GB\*

8307070496 Comments on Contract 24 documents.

\* :Babcock & Wilcox Co.

:Babcock & Wilcox Co.

DATE ISS:78/04/28, 1p. ,48X:19341-327,ODI:GPU 0554 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070498 "Small LOCA Info."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:82/06/17, 21pp. ,48X:19341-328,ODI:GPU 0555 ,TN:GB\*

8307070502 Submits, for discussion, "X" large break w/auxiliary feedwater & "Z" small break auxiliary feedwater w/o reactor coolant pumps.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:82/06/17, 1p. ,48X:19341-349,ODI:GPU 0555A ,TN:GB\*

8307070513 Discusses symptoms of transients.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:82/06/17, 1p. ,48X:19341-361,ODI:GPU 0559 ,TN:GB\*

8307130339 Resume of JA Lind.

LIND, J.A. :Babcock & Wilcox Co.  
:;  
DATE ISS:83/07/13, 2pp. ,48X:19503-359,ODI:GPU 0560 ,TN:GB\*

8307130343 Rev 6 to Emergency Procedure 2202-1.1, "Reactor Trip."

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:78/10/25, 5pp. ,48X:19504-191,ODI:GPU 0561 ,TN:GB\*

8307130347 "Plant Operations Exam."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:74/11/01, 11pp. ,48X:19504-196,ODI:GPU 0562 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070521 Tech Spec Page 3/4 4-5 re RCS pressurizer.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/02, 1p. ,48X:19342-012,ODI:GPU 0564 ,TN:GB\*

8307070524 Rev 3 to Operating Procedure 2103-1.3, "Pressurizer Operation."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:78/07/19, 37pp. ,48X:19342-013,ODI:GPU 0565 ,TN:GB\*

8307130351 Tech Spec 2.0 re safety limits & limiting safety sys settings for reactor core,RCS pressure & reactor protection sys setpoints.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 10pp. ,48X:19504-208,ODI:GPU 0566 ,TN:GB\*

8307130353 Tech Spec 3/4.4.9 re RCS pressure/temp limits.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 3pp. ,48X:19504-218,ODI:GPU 0567 ,TN:GB\*

8307060527 Resume of PE Perrone.

PERRONE,P.E. :Babcock & Wilcox Co.  
: DATE ISS:83/07/01, 1p. ,48X:19342-061,ODI:GPU 0570 ,TN:GB\*

8307060529 Rev 5 to NPG-0503-04, "Site Problem Rept (SPR)."

\* :Babcock & Wilcox Co.  
: DATE ISS:77/08/01, 7pp. ,48X:19342-062,ODI:GPU 0573 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060533 Informs of visit from R Bauman of CPC during wk of 780424 to determine mechanism used by B&W to assure that other site problems are reviewed for applicability to CPC contract & corrective actions.

BAKER, H.A. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.

DATE ISS:78/05/09, 2pp. ,48X:19342-069,ODI:GPU 0574 ,TN:GB\*

8307130357 Site Problem Rept SPR-108: on 750613, during shutdown to replace reactor coolant pump seals, RCS rapid depressurization transient experienced. Caused by pressure spike.

PLUNKETT, C.C. :Duke Power Co.

DATE ISS:75/08/20, 27pp. ,48X:19504-226,ODI:GPU 0576 ,TN:GB\*

8307060543 Submits handwritten comments on Spec EOS 0162. Spec exceeded many times w/o heat or rupture.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.

DATE ISS:76/11/12, 2pp. ,48X:19342-085,ODI:GPU 0577 ,TN:GB\*

8307060548 Submits handwritten comments on procedure describing actions organized on event on primary sys leak.

\* :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.

DATE ISS:82/07/08, 7pp. ,48X:19342-087,ODI:GPU 0578 ,TN:GB\*

8307060552 Submits handwritten memo re need to review open issues & offer recommendation to util re reactor coolant pumps.

WALTERS, J.F. :Babcock & Wilcox Co.  
HALLMAN, D.F. :Babcock & Wilcox Co.

DATE ISS:79/06/15, 2pp. ,48X:19342-094,ODI:GPU 0579 ,TN:GB\*

8307060554 Submits recommendations per review of 771004 facility transient. No outstanding unresolved safety items by current small break guidelines exist.

HALLMAN, D.F. :Babcock & Wilcox Co.  
SHORT, B.J. :Babcock & Wilcox Co.

DATE ISS:79/10/30, 1p. ,48X:19342-096,ODI:GPU 0580 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060560 Forwards "Part II-Operating Guidelines for Small Breaks."  
Major changes experienced in instructions for restarting  
reactor coolant pumps.

HALLMAN,D.F. :Babcock & Wilcox Co.  
ELLISON,K.R. :Babcock & Wilcox Co.  
DATE ISS:79/05/10, 4pp. ,48X:19342-097,ODI:GPU 0581 ,TN:GB\*

8307060564 "Part II-Operating Guidelines for Small Breaks." Related  
info encl.

\* :Babcock & Wilcox Co.  
:  
DATE ISS:79/05/10, 15pp. ,48X:19342-101,ODI:GPU 0581 ,TN:GB\*

8307060567 Submits addl info re recommendation that operating reactor  
coolant pumps be tripped immediately upon receipt of ESF  
actuation sys.Actuation caused by low reactor coolant  
pressure.

HALLMAN,D.F. :Babcock & Wilcox Co.  
ELLISON,K.R. :Babcock & Wilcox Co.  
DATE ISS:79/07/21, 4pp. ,48X:19342-116,ODI:GPU 0582 ,TN:GB\*

8307060571 Forwards Rev 3 to "Part I-Operating Guidelines for Small  
Breaks." Rev incorporates various updates made since  
previous rev.Most important update includes reactor coolant  
pump tripping.

WALTERS,J.F. :Babcock & Wilcox Co.  
ELLISON,K.R. :Babcock & Wilcox Co.  
DATE ISS:79/08/28, 2pp. ,48X:19342-120,ODI:GPU 0583 ,TN:GB\*

8307060575 Rev 3 to "Part I-Operating Guidelines for Small Breaks."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:79/08/21, 98pp. ,48X:19342-122,ODI:GPU 0583 ,TN:GB\*

8307060580 "Small Break Operator Guidelines for Oconee 1,2 & 3,TMI 1 &  
2,Crystal River 3 & Rancho Seco 1."

HALLMAN,D. :Babcock & Wilcox Co.  
:  
DATE ISS:79/11/02, 50pp. ,48X:19342-217,ODI:GPU 0584 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060587 Submits set of min post-trip functional requirements for review & approval. TMI-2 incident indicated need for increased calculational monitoring & diagnostic capabilities in computer sys after reactor or turbine trip.

LUTZ, R.I. :Babcock & Wilcox Co.  
FAIRBROTHER, D. :Babcock & Wilcox Co.  
DATE ISS:79/05/29, 5pp. ,48X:19342-268, ODI:GPU 0585 ,TN:GB\*

8307070296 Responds to 800207 memo requesting std format of transmittal writeups of analysis paths. Format submitted.

KELLY, J.J. :Babcock & Wilcox Co.  
NEWLIN, M.E. :Babcock & Wilcox Co.  
DATE ISS:80/02/12, 3pp. ,48X:19342-273, ODI:GPU 0586 ,TN:GB\*

8307060590 Transcript of 790718 public hearing on TMI accident. Pp 145-176.

\* :Commissioners  
:  
DATE ISS:79/07/18, 20pp. ,48X:19342-276, ODI:GPU 0587 ,TN:GB\*

8307060594 Deposition of JF Walters on 790706. Pp 1-35.

WALTERS, J.F. :Babcock & Wilcox Co.  
:  
DATE ISS:79/07/06, 36pp. ,48X:19342-296, ODI:GPU 0588 ,TN:GB\*

8307060597 Deposition of F Walters on 791002 in Lynchburg, VA. Pp 1-47.

WALTERS, F. :Babcock & Wilcox Co.  
:  
DATE ISS:79/10/02, 48pp. ,48X:19343-014, ODI:GPU 0589 ,TN:GB\*

8307060601 Submits parameters needed to evaluate overall core & plant conditions & respond to abnormal symptoms. Parameters identified on basis that certain symptoms can be interrupted to provide info to prevent inadequate core cooling.

WALTERS, J.F. :Babcock & Wilcox Co.  
KELLY, J.J. :Babcock & Wilcox Co.  
DATE ISS:80/01/31, 2pp. ,48X:19343-067, ODI:GPU 0590 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060604 Forwards instructions combining plant conditions & equipment status w/instructions to allow operator to respond to symptoms & provide adequate core cooling. Draft abnormal transient operating guidelines also encl.

WALTERS, J.F. :Babcock & Wilcox Co.

ANDREWS, J.B. :Babcock & Wilcox Co.

DATE ISS:80/03/25, 63pp. ,48X:19343-069,ODI:GPU 0591 ,TN:GB\*

8307130360 Informs that Toledo Edison needs to reduce auxiliary feedwater setpoints for natural circulation. Suggestion to resolve impasse provided. Further analytical effort required to confirm 10 ft level setpoint adequate.

SWANSON, E.W. :Babcock & Wilcox Co.

SPANGLER, W.H. :Babcock & Wilcox Co.

DATE ISS:78/11/15, 3pp. ,48X:19504-253,ODI:GPU 0592 ,TN:GB\*

8307130361 Resume of E Swanson.

SWANSON, E. :Babcock & Wilcox Co.

DATE ISS:83/07/13, 2pp. ,48X:19504-257,ODI:GPU 0595 ,TN:GB\*

8307060618 Submits handwritten memo re NUREG-0138, Item 4 dealing w/ effects of delayed loss of offsite power following LOCA. Item divided into two parts.

JONES, R.C. :Babcock & Wilcox Co.

SPEIGHT, W.R. :Babcock & Wilcox Co.

DATE ISS:77/05/16, 2pp. ,48X:19343-143,ODI:GPU 0597 ,TN:GB\*

8307060450 Graph of reactivity worths at 532 F & 2155 psig.

\* :General Public Utilities - GPU Service Corp.

DATE ISS:77/08/14, 2pp. ,48X:19343-210,ODI:GPU 0602 ,TN:GB\*

8307130364 Resume of AF McBride.

MCBRIDE, A.F. :Babcock & Wilcox Co.

DATE ISS:83/07/13, 1p. ,48X:19504-259,ODI:GPU 0602 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060463 Advises that AF McBride has been appointed responsible engineer for ATWS critical product problem program. Organization chart defining people responsible for various aspects of program encl.

ROY, D.H. :Babcock & Wilcox Co.  
MCBRIDE, A.F. :Babcock & Wilcox Co.  
DATE ISS:76/10/26, 3pp. ,48x:19343-212,ODI:GPU 0603 ,TN:GB\*

8307090228 Rev 1 to "B&W Anticipated Transients W/o Scram Analysis."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:77/05/31, 297pp. ,48x:19480-077,ODI:GPU 0604 ,TN:GB\*

8307060472 Advises that S Banwarth has been appointed lead engineer responsible for ATWS program. Original designee A McBride has resigned.

WOMACK, E.A. :Babcock & Wilcox Co.  
DUERSON, S.H. :Babcock & Wilcox Co.  
DATE ISS:79/07/18, 1p. ,48x:19343-215,ODI:GPU 0605 ,TN:GB\*

8307060499 "Review of B&W Rept, Integrated Control Sys Reliability Analysis, BAW-1564 Aug 1979," final rept.

ANDERSON, J.L. :Oak Ridge National Laboratory  
SATTEFIELD, R. : Electric, Instrumentation & Control Systems Branch  
DATE ISS:80/01/21, 25pp. ,48x:19343-220,ODI:GPU 0608 ,TN:GB\*

8307060514 "Integrated Control Sys Reliability Analysis."

DUNGAN, R.L. :Babcock & Wilcox Co.  
:  
DATE ISS:79/08/31, 96pp. ,48x:19343-244,ODI:GPU 0609 ,TN:GB\*

8307090222 "B&W Anticipated Transients W/o Scram Analysis."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:74/12/31, 189pp. ,48x:19481-014,ODI:GPU 0610 ,TN:GB\*



U. S. NUCLEAR REGULATORY COMMISSION  
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8307090251 General calculations from "205FA Small Break Evaluation Program."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:80/05/05, 248pp. ,48X:19481-203,ODI:GPU 0611 ,TN:GB\*

8307090247 Gives tentative approval to fix steam generator overflow problem during auxiliary feedwater flow due to seriousness of problem.

JONES,R.C. :Babcock & Wilcox Co.  
ENGEL,S.J. :Babcock & Wilcox Co.  
DATE ISS:77/03/14, 5pp. ,48X:19482-091,UDI:GPU 0612 ,TN:GB\*

8307090243 Discusses results of small break analysis performed to check adequacy of present auxiliary feedwater level control on 205 FA plants.

SHAH,N.H. :Babcock & Wilcox Co.  
ROY,D.H. :Babcock & Wilcox Co.  
DATE ISS:78/03/30, 12pp. ,48X:19482-096,ODI:GPU 0613 ,TN:GB\*

8307060523 Mar Power Generation Group Activities Rept.

JONES,R.C. :Babcock & Wilcox Co.  
DUNN,B.M. :Babcock & Wilcox Co.  
DATE ISS:78/03/30, 3pp. ,48X:19343-340,ODI:GPU 0614 ,TN:GB\*

8307060525 Power Generation Group ECCS Analysis Unit Mar Activities Rept.

DUNN,B.M. :Babcock & Wilcox Co.  
ROY,D.H. :Babcock & Wilcox Co.  
DATE ISS:78/04/03, 6pp. ,48X:19343-343,ODI:GPU 0615 ,TN:GB\*

8307090236 Preliminary rept of safety concerns re small break LOCA not conforming to 10CFR50.46 requirement.

SHAH,N.H. :Babcock & Wilcox Co.  
:  
DATE ISS:78/04/04, 3pp. ,48X:19482-108,ODI:GPU 0616 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060531 Requests combining 177 model changes w/level dependent steam generator model in special CRAFT version. Changes will show that high auxiliary feedwater levels unnecessary.

DUNN, B.M. :Babcock & Wilcox Co.  
CUDLIN, J.J. :Babcock & Wilcox Co.  
DATE ISS:78/06/09, 1p. ,48X:19343-349, ODI:GPU 0617 ,TN:GB\*

8307060535 Power Generation Group ECCS Analysis Unit Jul Activities Rept.

DUNN, B.M. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:78/07/31, 6pp. ,48X:19343-350, ODI:GPU 0618 ,TN:GB\*

8307090232 Forwards ECCS analysis unit activities rept for Apr 1979.

DUNN, B.W. :Babcock & Wilcox Co.  
WOMACK, E.A. :Babcock & Wilcox Co.  
DATE ISS:80/04/29, 5pp. ,48X:19482-111, ODI:GPU 0619 ,TN:GB\*

8307090344 General calculations.

\* :Babcock & Wilcox Co.  
:.  
DATE ISS:82/09/15, 5pp. ,48X:19475-001, ODI:GPU 0620 ,TN:GB\*

8307090347 verification analysis calculation.

\* :Babcock & Wilcox Co.  
:.  
DATE ISS:82/09/15, 661pp. ,48X:19475-006, ODI:GPU 0621 ,TN:GB\*

8307060539 Memo re leak feasibility.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:82/09/16, 2pp. ,48X:19343-356, ODI:GPU 0622 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060541 "Physics Test Orientation for Engineers/E3," Training  
Svc Form T203.

\* :Babcock & Wilcox Co.  
: DATE ISS:77/06/30, 1p. ,48X:19343-358,ODI:GPU 1000 ,TN:GB\*

8307060544 "NSS Orientation for Experienced Engineers & Operators/02,"  
Training Svc Form T302.

\* :Babcock & Wilcox Co.  
: DATE ISS:77/06/30, 1p. ,48X:19343-359,ODI:GPU 1001 ,TN:GB\*

8307060549 "Replacement Operator Training/03," Training Svc Form T303.

\* :Babcock & Wilcox Co.  
: DATE ISS:77/06/30, 1p. ,48X:19343-360,ODI:GPU 1002 ,TN:GB\*

8307060572 "Simulator Requalification Training/04," Training Svc Form  
T304.

\* :Babcock & Wilcox Co.  
: DATE ISS:77/06/30, 1p. ,48X:19344-001,ODI:GPU 1003 ,TN:GB\*

8307120731 Procedure EP 1202.06 "Loss of Reactor Coolant & Reactor  
Coolant Pressure."

HUMPHREYS,G.D. :Toledo Edison Co.  
: DATE ISS:76/06/28, 26pp. ,48X:19494-035,ODI:GPU 1004 ,TN:GB\*

8307060579 Rev 3 to D.5 "Loss of Reactor Coolant/RCS Pressure."

GRAHAM,D. :Sacramento Municipal Utility District  
: DATE ISS:76/07/27, 8pp. ,48X:19344-002,ODI:GPU 1010 ,TN:GB\*

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8307060584 Rev 6 to D.5, "Loss of Reactor Coolant/RCS Pressure."

CARTER, M. : Sacramento Municipal Utility District  
: :  
DATE ISS: 78/04/27, 9pp. , 48x:19344-010, ODI:GPU 1011 , TN:GB\*

8307060588 Rev 4 to A.3 "Pressurizer & Pressurizer Relief Tank Sys."

CARTER, M. : Sacramento Municipal Utility District  
: :  
DATE ISS: 78/05/04, 28pp. , 48x:19344-020, ODI:GPU 1012 , TN:GB\*

8307060592 Rev 5 to A.2 "Reactor Coolant Pump Sys."

CARTER, M. : Sacramento Municipal Utility District  
: :  
DATE ISS: 78/02/23, 26pp. , 48x:19344-049, ODI:GPU 1013 , TN:GB\*

8307060595 Rev 1 to D.12 "Reactor Coolant Pump/Motor Emergencies."

MITCHELL, G.E. : Sacramento Municipal Utility District  
: :  
DATE ISS: 74/12/08, 4pp. , 48x:19344-075, ODI:GPU 1014 , TN:GB\*

8307060599 Rev 1 to D.15 "Pressurizer Sys Failure."

MITCHELL, G.E. : Sacramento Municipal Utility District  
: :  
DATE ISS: 75/12/16, 5pp. , 48x:19344-079, ODI:GPU 1015 , TN:GB\*

8307120741 Resume of RT Lahey.

LAHEY, R.T. : Rensselaer Polytechnic Inst.  
: :  
DATE ISS: 83/07/11, 14pp. , 48x:19494-062, ODI:GPU 2001 , TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120749 "Summary of Ack Scientific or Engineering Attainments."

LAHEY, R. :Rensselaer Polytechnic Inst.

DATE ISS:83/07/11, 6pp. ,48X:19494-078,ODI:GPU 2002 ,TN:GB\*

8307120769 "Historical Profile of US Nuclear Power Development."

\* :Atomic Industrial Forum

DATE ISS:81/12/31, 9pp. ,48X:19494-084,ODI:GPU 2003 ,TN:GB\*

8307120778 Title page & excerpts from NUREG-0667, "Transient Response of B&W Designed Reactors."

\* :Office of Nuclear Reactor Regulation, Director

DATE ISS:80/05/31, 4pp. ,48X:19494-093,ODI:GPU 2004 ,TN:GB\*

8307120785 Title page & excerpts from NUREG-0560, "Staff Rept on Generic Assessment of Feedwater Transients in PWRs Designed By B&W."

\* :Office of Nuclear Reactor Regulation, Director

DATE ISS:79/05/31, 5pp. ,48X:19494-098,ODI:GPU 2005 ,TN:GB\*

8307070274 Graph for "Pressure & Temp Limitations for Cooldown."

\* :General Public Utilities - GPU Service Corp.

DATE ISS:83/07/06, 1p. ,48X:19338-072,ODI:GPU 2016B ,TN:GB\*

8307070279 "Elementary Wiring Diagrams of RCS Pressurizer Auto Vent to Quench TK for Davis-Besse."

\* :Bechtel Corp.  
:Toledo Edison Co.

DATE ISS:71/10/01, 1p. ,48X:19338-073,ODI:GPU 2019 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070287 Speech entitled "Operating Philosophy at TMI," presented at 780306-07 nuclear operating experience seminar in Hershey, PA.

MILLER, G.P. : Metropolitan Edison Co.

DATE ISS: 78/03/06, 11pp. , 48X: 19338-108, ODI: GPU 2026 , TN: GB11

8307120928 Designates ad hoc committee to investigate & submit interim & final repts re 780423 TMI-2 cooldown transient.

KEATEN, R.W. : General Public Utilities - GPU Service Corp.  
: General Public Utilities - GPU Service Corp.

DATE ISS: 78/05/02, 1p. , 48X: 19503-130, ODI: GPU 2046 , TN: GB\*

8307120931 Evaluates areas of concern following 780423 reactor trip/ cooldown incident. Areas discussed include reactor coolant pumps, control rod drive mechanisms, fuel components, RCS water chemistry, transient results & reactor coolant piping.

ROGERS, L.C. : Babcock & Wilcox Co.

MILLER, G.P. : Metropolitan Edison Co.

DATE ISS: 78/05/02, 8pp. , 48X: 19503-131, ODI: GPU 2047 , TN: GB\*

8307120933 Advises that info re evaluation of 780423 transient being developed & accumulated. Conclusions re level transient in pressurizer discussed.

ROGERS, L.C. : Babcock & Wilcox Co.

MILLER, G.P. : Metropolitan Edison Co.

DATE ISS: 78/05/05, 4pp. , 48X: 19503-139, ODI: GPU 2048 , TN: GB\*

8307120937 Revised Tech Specs re ECCS.

\* : General Public Utilities - GPU Service Corp.

DATE ISS: 83/07/11, 25pp. , 48X: 19503-143, ODI: GPU 2049 , TN: GB\*

8307120940 Tech Spec Page 3/4 4-5 re RCS/pressurizer.

\* : General Public Utilities - GPU Service Corp.

DATE ISS: 83/07/11, 1p. , 48X: 19503-168, ODI: GPU 2050 , TN: GB\*

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8307080004 Forwards LER 78-013/01T-0.

HERBEIN, J.G. : Metropolitan Edison Co.  
GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS: 78/05/09, 1p. , 48X: 19338-174, ODI: GPU 2051 , TN: GB\*

8307120924 Forwards IE Bulletin 77-05, "Electrical Connector Assemblies." Action required.

GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 77/11/08, 1p. , 48X: 19503-169, ODI: GPU 2052 , TN: GB\*

8307120927 IE Bulletin 77-05, "Electrical Connector Assemblies."

\* : Office of Inspection & Enforcement, Office of the Director  
: :  
DATE ISS: 77/11/08, 4pp. , 48X: 19503-170, ODI: GPU 2052 , TN: GB\*

8307120930 Forwards IE Bulletin 77-05A, "Electrical Connector Assemblies," supplementing IE Bulletin 77-05. Action required.

GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
HERBEIN, J.G. : Metropolitan Edison Co.  
DATE ISS: 77/11/15, 1p. , 48X: 19503-174, ODI: GPU 2052 , TN: GB\*

8307120935 IE Bulletin 77-05A, "Electrical Connector Assemblies."

\* : Office of Inspection & Enforcement, Office of the Director  
: :  
DATE ISS: 77/11/15, 1p. , 48X: 19503-175, ODI: GPU 2052 , TN: GB\*

8307120938 Responds to IE Bulletin 77-05 re failure of pin & socket type electrical connectors in post-LOCA containment environ. Subj connectors used only in control rod drive mechanisms & neutron detectors which do not operate during LOCA.

HERBEIN, J.G. : Metropolitan Edison Co.  
GRIER, B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS: 77/12/08, 2pp. , 48X: 19503-176, ODI: GPU 2052 , TN: GB\*

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8307120944 Responds to IE Bulletin 77-05 re failure of pin & socket  
type electrical connectors in post-LOCA containment environ.  
Subj connectors used only in control rod drive mechanisms &  
neutron detectors which do not operate during LOCA

\* :Metropolitan Edison Co.  
GRIER,B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS:78/01/13, 2pp. ,48X:19503-178,ODI:GPU 2052 ,TN:GB\*

8307120949 Responds to IE Bulletin 77-05A, reviewing all connectors  
required to mitigate accidents which could adversely affect  
safety function performance.

\* :Metropolitan Edison Co.  
GRIER,B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS:77/12/15, 2pp. ,48X:19503-180,ODI:GPU 2052 ,TN:GB\*

8307120954 Responds to IE Bulletin 77-05A, reviewing all connectors  
required to mitigate accidents which could adversely affect  
safety function performance. Power range nuclear instruments  
not required to mitigate accidents.

HERBEIN,J.G. :Metropolitan Edison Co.  
GRIER,B.H. : Region 1, Philadelphia, Office of the Director  
DATE ISS:78/01/20, 2pp. ,48X:19503-182,ODI:GPU 2052 ,TN:GB\*

8307080011 Pages 471 & 472 of App A, "Requalification Programs for  
Licensed Operators of Production & Utilization Facilities."

\* :National Archives & Records Service  
:;  
DATE ISS:76/05/03, 2pp. ,48X:19338-177,ODI:GPU 2054 ,TN:GB\*

8307080061 Forwards IE Insp Rept 50-320/78-23 on 781107-09 & 16-17.

BRUNNER,E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Suppor  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:78/11/30, 2pp. ,48X:19339-069,ODI:GPU 2102 ,TN:GB\*

8307080091 Forwards IE Insp Rept 50-320/78-39 on 781228-29.No  
noncompliance noted.

BRUNNER,E.J. : Region 1, Philadelphia, Reactor Operations Nuclear Suppor  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:79/01/12, 2pp. ,48X:19339-099,ODI:GPU 2104 ,TN:GB\*



U. S. NUCLEAR REGULATORY COMMISSION  
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8307080382 Photograph of RCS control panel.

\* : General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/07, 1p. ,48X:19339-210,ODI:GPU 2110 ,TN:GB\*

8307120896 Operator License OP-4601 for ER Frederick at DPR-73.

COLLIN,P. : Operator Licensing Branch  
: :  
DATE ISS:77/10/19, 2pp. ,48X:19499-350,ODI:GPU 2150 ,TN:GB\*

8307120898 Operator License OP-4601-01 for ER Frederick at DPR-73.

COLLINS,P.F. : Operator Licensing Branch  
: :  
DATE ISS:79/10/19, 1p. ,48X:19499-352,ODI:GPU 2150 ,TN:GB\*

8307120905 Operator License OP-4601-2 for ER Frederick at DPR-73.

HANAUER,S.H. : Division of Systems Safety  
: :  
DATE ISS:81/10/17, 1p. ,48X:19499-353,ODI:GPU 2150 ,TN:GB\*

8307120908 Operator License SOP 4145 for ER Frederick at DPR-73.

THOMPSON,H.L. : Division of Human Factors Safety  
: :  
DATE ISS:82/01/22, 1p. ,48X:19499-354,ODI:GPU 2150 ,TN:GB\*

8307120918 Application by ER Frederick for operator license.

FREDERICK,E.R. : Metropolitan Edison Co.  
COLLINS,P.F. : Operator Licensing Branch  
DATE ISS:77/07/05, 4pp. ,48X:19500-168,ODI:GPU 2152 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307050416 "Reactor Theory Review,1978-79.Requalification Review Course."

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/07/02, 64pp. ,48X:19230-103,ODI:GPU 2157 ,TN:GB\*

8307020240 "First Law Analysis of Core Refill After PORV Closure at TMI-2 (95% OTSG level)."

JONES,O.C. :Northeast Consultants, Inc.  
:;  
DATE ISS:82/12/31, 22pp. ,48X:19228-033,ODI:GPU 2211 ,TN:GB\*

8307020243 Vol 2,Appendices to "Evaluation of Transient Behavior & Small RCS Breaks in 177 Fuel Assembly Plant."

\* :Babcock & Wilcox Co.  
:;  
DATE ISS:79/05/07, 175pp. ,48X:19228-055,ODI:GPU 2212 ,TN:GB\*

8307120872 Testimony of BM Dunn deposition in New York,NY.Pp 1,072 & 1,080-1,083.

DUNN,B.M. :Babcock & Wilcox Co.  
:;  
DATE ISS:82/09/16, 5pp. ,48X:19497-069,ODI:GPU 2218 ,TN:GB\*

8307020261 Pages of transcript re PMP 01.Pp 1,045-1,052.

\* :General Public Utilities - GPU Service Corp.  
:;  
DATE ISS:83/07/02, 9pp. ,48X:19222-059,ODI:GPU 2220 ,TN:GB\*

8307020263 Informs that sys analysis Task 27 approx four days behind schedule,due to excessive conservatism found in one of vital analysis inputs.Sys analysis should be completed by 791105.

GRIBBLE,R.M. :Babcock & Wilcox Co.  
BROWN,S.K. :Babcock & Wilcox Co.  
DATE ISS:79/10/26, 2pp. ,48X:19222-068,ODI:GPU 2221 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307050260 work request approval re addition of moisture separator.

WEAVER, D.E. :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:78/03/24, 2pp. ,48X:19222-070,ODI:GPU 2235 ,TN:GB\*

8307050277 Vol 4 of "PWR Technology."

\* :Babcock & Wilcox Co.  
: :  
DATE ISS:71/01/31, 521pp. ,48X:19222-120,ODI:GPU 2254 ,TN:GB\*

8307050279 "Util Staffing & Training for Nuclear Power."

\* :Atomic Energy Commission  
: :  
DATE ISS:73/06/30, 90pp. ,48X:19223-281,ODI:GPU 2255 ,TN:GB11

8307060545 "American Natl Std for Selection & Training of Nuclear  
Power Plant Personnel."

\* :American Nuclear Society  
: :  
DATE ISS:78/01/17, 19pp. ,48X:19372-007,ODI:GPU 2256 ,TN:GB\*

8307060556 Reissued Reg Guide 1.8, Rev 1, "Personnel Selection &  
Training."

\* :Office of Standards Development, Director  
: :  
DATE ISS:77/05/31, 2pp. ,48X:19372-026,ODI:GPU 2257 ,TN:GB\*

8307060565 Proposed Rev 2 to Reg Guide 1.8, Task RS 807-5, "Personnel  
Selection & Training."

\* :Office of Standards Development, Director  
: :  
DATE ISS:79/02/28, 8pp. ,48X:19372-027,ODI:GPU 2258 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060585 NRC OPERATOR LICENSING GUIDE.

COLLINS, P.F. :Office of Nuclear Reactor Regulation, Director  
:  
DATE ISS:76/02/29, 121pp. ,48X:19372-045,UDI:GPU 2259 ,TN:GB\*

8307070010 Forwards results of 1978-79 requal written exam.

BEERS, M.L. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:79/05/01, 5pp. ,48X:19372-176,UDI:GPU 2264 ,TN:GB\*

8307070034 Forwards schedule detailing 2-wk program to prepare second group of Unit 2 control room operators for 8 wks of simulator training for cold license.

TSAGGARIS, A. :Metropolitan Edison Co.  
HERBEIN, J. :Metropolitan Edison Co.  
DATE ISS:76/03/17, 2pp. ,48X:19372-192,UDI:GPU 2267 ,TN:GB\*

8307070229 Responds to questions re operating parameters.

FLINT, J.H. :Babcock & Wilcox Co.  
BOLTZ, D.J. :Babcock & Wilcox Co.  
DATE ISS:78/03/03, 9pp. ,48X:19372-241,UDI:GPU 2275 ,TN:GB\*

8307070241 Telecopy ltr submitting draft training svcs contract for cold license candidates.

\* :NUS Corp.  
MUELLER, P. :Metropolitan Edison Co.  
DATE ISS:74/03/08, 13pp. ,48X:19372-250,UDI:GPU 2276 ,TN:GB\*

8307070251 Provides list of recommended changes to shift supervisor development program, in light of NRC exams.

HITZ, G.R. :Metropolitan Edison Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:77/08/18, 13pp. ,48X:19372-270,UDI:GPU 2279 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070297 Summary of meeting w/NRC re operator training & Unit 2  
startup test program.

O'HANLON, J. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:78/05/12, 69pp. ,48X:19373-018,ODI:GPU 2286 ,TN:GB\*

8307210319 "Three Mile Island Nuclear Station Unit 1 - Unit 2  
Comparison."

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:83/07/21, 67pp. ,48X:19694-246,ODI:GPU 2287 ,TN:GB\*

8307070303 "Emergency Procedure Review Schedule."

\* :Metropolitan Edison Co.  
:  
DATE ISS:78/12/03, 1p. ,48X:19373-087,ODI:GPU 2288 ,TN:GB\*

8307070348 Forwards NRC inspector rept on training program insps, for  
review. Accelerated effort should be made to implement forms  
on training programs & assure availability of proper  
documentation.

ZECHMAN, R.W. :Metropolitan Edison Co.  
DUBIEL, R. :Metropolitan Edison Co.  
DATE ISS:77/11/18, 2pp. ,48X:19373-127,ODI:GPU 2296 ,TN:GB\*

8307070353 Discusses training program for Unit 2 auxiliary operators.  
List of areas to be covered encl.

WILLIAMS, N.A. :Metropolitan Edison Co.  
:Metropolitan Edison Co.  
DATE ISS:76/07/16, 6pp. ,48X:19373-129,ODI:GPU 2297 ,TN:GB\*

8307070358 "PWR Technology, TMI Unit 2," Vol 4, "Safety Analysis."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:83/07/06, 10pp. ,48X:19373-135,ODI:GPU 2298 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070363 Application by CC Faust for reactor operator license.

FAUST,C.C. :Metropolitan Edison Co.  
COLLINS,P.F. : Operator Licensing Branch  
DATE ISS:77/07/05, 8pp. ,48X:19373-146,ODI:GPU 2300 ,TN:GB\*

8307070368 Application by FJ Scheiman for reactor operator license.

SCHEIMAN,F.J. :Metropolitan Edison Co.  
DATE ISS:77/07/05, 8pp. ,48X:19373-154,ODI:GPU 2301 ,TN:GB\*

8307070384 Clarifies role of training dept & svc provided by training administrators. Training in areas not listed must be supported by personnel in each dept.

ZECHMAN,R.W. :Metropolitan Edison Co.  
DATE ISS:78/02/21, 2pp. ,48X:19373-164,ODI:GPU 2303 ,TN:GB\*

8307070393 Reg Guide 1.114, Rev 1, "Guidance on Being Operator at Controls of Nuclear Power Plant."

\* :Office of Standards Development, Director  
DATE ISS:76/11/30, 2pp. ,48X:19373-166,ODI:GPU 2304 ,TN:GB\*

8307070410 Power plant exam results summary sheets for miscellaneous facilities.

\* :NRC - No Detailed Affiliation Given  
DATE ISS:78/11/10, 33pp. ,48X:19373-175,ODI:GPU 2306 ,TN:GB\*

8307070419 News article from 790520 Charlotte Observer re capability of nuclear plant operators to perform job.

\* :Charlotte Observer, Charlotte, NC  
DATE ISS:79/05/20, 2pp. ,48X:19373-210,ODI:GPU 2307 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307070426 TMI nuclear station annual requalification exam, Cycle 5,  
1978-79.

\* :Metropolitan Edison Co.  
: DATE ISS:79/07/30, 16pp. ,48X:19373-212,ODI:GPU 2308 ,TN:GB\*

8307070434 Emergency procedure review schedule.

\* :Metropolitan Edison Co.  
: DATE ISS:78/12/03, 1p. ,48X:19373-228,ODI:GPU 2309 ,TN:GB\*

8307070440 "Guide for Licensing of Facility Operators, Including  
Senior Operators."

\* :Atomic Energy Commission  
: DATE ISS:65/11/30, 67pp. ,48X:19373-229,ODI:GPU 2312 ,TN:GB\*

8307070463 "Selection & Training of Nuclear Power Plant Personnel."

\* :American National Standards Institute  
: DATE ISS:71/03/08, 15pp. ,48X:19373-291,ODI:GPU 2313 ,TN:GB\*

8307070471 IE Bulletin 79-05, "Nuclear Incident at TMI" & IE Bulletin  
79-05A, "Nuclear Incident at TMI - Suppl."

\* :Office of Inspection & Enforcement, Office of the Director  
: DATE ISS:79/04/01, 21pp. ,48X:19373-306,ODI:GPU 2314 ,TN:GB\*

8307070477 Discusses IE Investigation Rept 50-320/79-10 on 790328-0731  
& forwards notice of violation & proposed imposition of  
civil penalties in amount of \$155,000.

STELLO, V. :Office of Inspection & Enforcement, Office of the Director  
ARNOLD, R.C. :Metropolitan Edison Co.  
DATE ISS:79/10/31, 4pp. ,48X:19373-327,ODI:GPU 2316 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080158 Requests schedule for resolution of pinch breaks.

HALLMAN, D.F. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:79/09/17, 1p. ,48X:19361-142,ODI:GPU 2407 ,TN:GB\*

8307080299 Forwards nine documents re processing of "Preliminary Rept of Safety Concern," PCS 10-78 per 790530 telcon request.

TAYLOR, J.H. :Babcock & Wilcox Co.  
WARD, W.J. :Office of Inspection & Enforcement, Office of the Director  
DATE ISS:79/05/30, 2pp. ,48X:19361-221,ODI:GPU 2427 ,TN:GB\*

8307080305 Discusses substantial safety hazard rept re small break on discharge side of reactor coolant pumps for 177FA lowered loop plants. Signature & date requested to ack notification of concern.

TAYLOR, J.H. :Babcock & Wilcox Co.  
MACMILLAN, J.H. :Babcock & Wilcox Co.  
DATE ISS:78/05/11, 1p. ,48X:19361-223,ODI:GPU 2428 ,TN:GB\*

8307080346 Requests charge number for investigation of adequacy of HPI pumps to handle small break at pump discharge. Continued lack of cooperation will necessitate filing preliminary significant deficiency rept.

JONES, C.W. :Babcock & Wilcox Co.  
DUERSON, S.H. :Babcock & Wilcox Co.  
DATE ISS:77/05/09, 1p. ,48X:19361-243,ODI:GPU 2433 ,TN:GB\*

8307080360 Summary of 780424 meetings w/CPC re mechanism by which B&W assures that all site problems at other sites are reviewed for applicability to contract & that corrective actions are taken where appropriate.

BAKER, H.A. :Babcock & Wilcox Co.  
PRYOR, C.W. :Babcock & Wilcox Co.  
DATE ISS:78/05/09, 2pp. ,48X:19361-252,ODI:GPU 2437 ,TN:GB\*

8307080367 Requests Safety Analysis be alerted to site operational problems & participate in resolution.

ROY, D.H. :Babcock & Wilcox Co.  
TAYLOR, J.H. :Babcock & Wilcox Co.  
DATE ISS:78/05/16, 4pp. ,48X:19361-254,ODI:GPU 2438 ,TN:GB\*



U. S. NUCLEAR REGULATORY COMMISSION  
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8307070482 Notice of violation & proposed imposition of civil penalties  
in amount of \$155,000 from investigation on 790328-0731.

\* :Office of Inspection & Enforcement, Office of the Director  
:  
DATE ISS:79/10/31, 12pp. ,48X:19373-331,ODI:GPU 2316 ,TN:GB\*

8307070499 AO-287/75-7:on 750613,during routine shutdown for maint,  
reactor power decreased to approx 15% causing minor sys  
transient which resulted in opening of power actuated  
pressurizer relief valve 3RC-66.Caused by operator error.

PARKER,W.O. :Duke Power Co.  
MOSELEY,N.C. : Region 2, Atlanta, Office of the Director  
DATE ISS:75/06/27, 2pp. ,48X:19374-077,ODI:GPU 2318 ,TN:GB\*

8307070508 Recommends EP-2202-1.5, "Pressurizer Sys Failure - Stuck  
Open Spray Valve," be revised to incorporate info discovered  
during recent investigation.

SHETLER,J.R. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:76/01/08, 3pp. ,48X:19374-079,ODI:GPU 2319 ,TN:GB\*

8307080097 Incident Investigation Rept B-350.On 750613,Oconee Unit 3  
3RC-66 stuck in open position resulting in reactor  
protection sys low pressure trip.

\* :Duke Power Co.  
:  
DATE ISS:75/06/13, 43pp. ,48X:19360-101,ODI:GPU 2333 ,TN:GB\*

8307120622 Forwards list of trial witnesses to be called on behalf of  
plaintiffs.List of rebuttal witnesses will be submitted on  
820914.

KLINGSBERG,D. :Kaye,Scholer,Fierman,Hays & Handler  
FISKE,R. :Davis, Polk & Wardwell  
DATE ISS:82/09/27, 3pp. ,48X:19495-152,ODI:GPU 2350 ,TN:GB\*

8307080151 Discusses anticipated transient frequency of events per yr  
for loss of feedwater,loss of electrical power & turbine/  
generator induced reactor trips above 0%,25%,50% & 75%  
power.Tables encls.

MONTGOMERY,R.L.:Babcock & Wilcox Co.  
GELKERS,E. :Babcock & Wilcox Co.  
DATE ISS:78/11/21, 8pp. ,48X:19361-134,ODI:GPU 2406 ,TN:GB11

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080379 Ack note w/background info re C=E.

KOSIBA,R.E. :Babcock & Wilcox Co.  
TAYLOR,J.H. :Babcock & Wilcox Co.  
DATE ISS:78/12/13, 2pp. ,48X:19361-259,ODI:GPU 2440 ,TN:GB\*

8307080385 Encourages Engineering Dept employees to continue diligent work & cooperate fully w/F Fahland in getting availability problem of operating units turned around.

ROY,D.H. :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:78/11/30, 1p. ,48X:19361-261,ODI:GPU 2441 ,TN:GB\*

8307080340 Questions availability record of plants.

VANNOY,W.M. :Babcock & Wilcox Co.  
FAVRET,L.M. :Babcock & Wilcox Co.  
DATE ISS:78/10/05, 2pp. ,48X:19361-262,ODI:GPU 2442 ,TN:GB\*

8307080394 Discusses SMUD transient on 780302.

\* :Babcock & Wilcox Co.  
:Babcock & Wilcox Co.  
DATE ISS:79/05/14, 2pp. ,48X:19361-264,ODI:GPU 2443 ,TN:GB\*

8307080444 Requests schedule for submittal of assessment of small break LOCA for 205 fuel assembly plants by 790725.

PATTERSON,D.R. :Tennessee Valley Authority  
MCFARLAND,J. :Babcock & Wilcox Co.  
DATE ISS:79/07/09, 1p. ,48X:19361-286,ODI:GPU 2450 ,TN:GB\*

8307080458 Advises that as of 770103 B&W Nuclear Svc Dept Field Ofc is established at site supporting Unit 2.Ofc will represent B&W on all testing & operations matters & provide advice & consultation during precritical test.

ROGERS,L.C. :Babcock & Wilcox Co.  
HERBEIN,J.G. :Metropolitan Edison Co.  
DATE ISS:77/01/03, 4pp. ,48X:19361-293,ODI:GPU 2452 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080477 Requests meeting to present recommendations for facility availability improvement, based on assessment of operating records & discussions w/plant staff.

MACMILLAN, J. :Babcock & Wilcox Co.  
HERBEIN, J. :Metropolitan Edison Co.  
DATE ISS:78/11/27, 2pp. ,48X:19361-311, ODI:GPU 2455 ,TN:GB\*

8307080528 Submits June activities rept.

JONES, R.C. :Babcock & Wilcox Co.  
DUNN, B.M. :Babcock & Wilcox Co.  
DATE ISS:77/06/30, 5pp. ,48X:19362-013, ODI:GPU 2463 ,TN:GB\*

8307080533 "Progress Rept Sept 1977."

KELLY, J. :Babcock & Wilcox Co.  
:  
DATE ISS:77/09/30, 1p. ,48X:19362-021, ODI:GPU 2465 ,TN:GB\*

8307070258 "Small Break - Auxiliary Feedwater Level."

CARTIN, L.R. :Babcock & Wilcox Co.  
:  
DATE ISS:78/08/01, 33pp. ,48X:19339-239, ODI:GPU 2471 ,TN:GB\*

8307070261 "Risk Program R-39."

CARTIN, L.R. :Babcock & Wilcox Co.  
:  
DATE ISS:78/11/02, 10pp. ,48X:19339-272, ODI:GPU 2472 ,TN:GB\*

8307070268 Reviews "Current Events - Power Reactors, Jul-Aug 1977." No action required.

TOOLE, R. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:78/01/15, 11pp. ,48X:19339-294, ODI:GPU 2474 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070275 Reviews "Operating Experience - Bulletin Info Rept," dtd  
780315.No action required.

TOOLE,R. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:78/05/05, 5pp. ,48X:19339-304,ODI:GPU 2475 ,TN:GB\*

8307070278 Reviews "Operating Experience - Bulletin Info Rept," dtd  
780630.Required action completed.

TOOLE,R. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:78/07/26, 16pp. ,48X:19339-309,ODI:GPU 2476 ,TN:GB\*

8307070284 Reviews "Current Events - Power Reactors,Jan-Feb 1978." No  
action required.

TOOLE,R. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:78/05/16, 15pp. ,48X:19339-325,ODI:GPU 2477 ,TN:GB\*

8307070290 Reviews "Current Events - Power Reactors,Mar-Apr 1978." No  
action required.

TOOLE,R. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:78/04/30, 15pp. ,48X:19339-339,ODI:GPU 2478 ,TN:GB\*

8307070309 "Current Events - Power Reactors,Aug 1974."

\* :Atomic Energy Commission  
:  
DATE ISS:74/08/31, 24pp. ,48X:19358-087,ODI:GPU 2479 ,TN:GB\*

8307070314 "Current Events - Power Reactors,Dec 1974." No action  
required.

BARTON,J. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:75/02/24, 12pp. ,48X:19358-111,ODI:GPU 2480 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070317 Reviews "Current Events - Power Reactors, Jan 1975." Action required.

TOOLE, R. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:75/04/15, 15pp. ,48X:19358-123,ODI:GPU 2481 ,TN:GB\*

8307070323 Reviews "Current Events - Power Reactors," Jun-Jul 1975.No action required.

TOOLE, R. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:75/10/23, 14pp. ,48X:19358-138,ODI:GPU 2482 ,TN:GB\*

8307070327 Reviews "Current Events - Power Reactors," Apr-May 1975. Action required.

BARTON, J. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:75/10/22, 12pp. ,48X:19358-152,ODI:GPU 2483 ,TN:GB\*

8307070334 Reviews "Current Events - Power Reactors," Mar-Apr 1976.No action required.

BARTON, J. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:76/08/20, 16pp. ,48X:19358-164,ODI:GPU 2484 ,TN:GB\*

8307070346 Reviews "Current Events - Power Reactors," Oct 1975 - Feb 1976.

BARTON, J. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:76/05/14, 14pp. ,48X:19358-180,ODI:GPU 2485 ,TN:GB\*

8307070352 Reviews "Current Events - Power Reactors," Feb 1975.Action required.

BARTON, J. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:75/06/26, 14pp. ,48X:19358-194,ODI:GPU 2486 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307070355 Reviews "Current Events - Power Reactors," May-June 1976.  
No action required.

BARTON, J. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:76/10/02, 11pp. ,48X:19358-208,ODI:GPU 2487 ,TN:GB\*

8307070359 Reviews "Current Events - Power Reactors," Oct 1974.

TOOLE, R. :General Public Utilities - GPU Service Corp.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:75/03/02, 2pp. ,48X:19358-219,ODI:GPU 2488 ,TN:GB\*

8307070362 "Current Events - Power Reactors," Oct 1974.

\* :Atomic Energy Commission  
:  
DATE ISS:74/10/31, 18pp. ,48X:19358-221,ODI:GPU 2489 ,TN:GB\*

8307070369 Summarizes status & schedule for meeting 10CFR50, App K  
requirements for revised ECCS evaluation per AEC 740104  
issuance of final acceptance criteria. Suggested ltr for  
transmittal to AEC demonstrating compliance encl.

WARD, E.G. :Babcock & Wilcox Co.  
HEWARD, R.W. :General Public Utilities - GPU Service Corp.  
DATE ISS:74/07/31, 4pp. ,48X:19358-244,ODI:GPU 2491 ,TN:GB\*

8307070383 Certifies B&W intention to file w/AEC Generic 177 Fuel  
Assembly Class Plant ECCS Analysis Rept on 740804. GPU will  
not have opportunity to perform indepth technical &  
licensing review.

DELICATE, W.S. :Babcock & Wilcox Co.  
:Atomic Energy Commission  
DATE ISS:74/06/10, 1p. ,48X:19358-251,ODI:GPU 2493 ,TN:GB\*

8307060503 Package of marked-up util/NRC correspondence re IE  
bulletins, IE insps & responses from 1974-76.

MORAN, J.J. :Metropolitan Edison Co.  
:General Public Utilities - GPU Service Corp.  
DATE ISS:76/04/16, 476pp. ,48X:19369-214,ODI:GPU 2495 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307060506 Forwards package of marked-up util/NRC correspondence re IE bulletins, circulars & responses for period 1976-78.

\* :NRC - No Detailed Affiliation Given  
:Metropolitan Edison Co.  
DATE ISS:78/01/26, 397pp. ,48X:19370-330,ODI:GPU 2496 ,TN:GB\*

8307080670 Forwards revised "Operating Guidelines for Small Breaks."  
Rev accomodates NRC comments received on 790508-09, App A,  
"Low Pressure Injection Cooling" should be examined &  
adjustments made to LPIS & RCS operation.

FAIRBURN, G.T. :Babcock & Wilcox Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:79/05/11, 4pp. ,48X:19491-028,ODI:GPU 2502 ,TN:GB\*

8307080675 "Operating Guidelines for Small Breaks."

\* :Babcock & Wilcox Co.  
:  
DATE ISS:79/05/09, 13pp. ,48X:19491-032,ODI:GPU 2502 ,TN:GB\*

8307080707 Informs that Unit 2 testing results indicate that min temp limit for starting fourth reactor coolant pump may be relaxed from previous requirements. Operating limits document will be changed accordingly.

ROGERS, L.C. :Babcock & Wilcox Co.  
MILLER, G.P. :Metropolitan Edison Co.  
DATE ISS:79/03/09, 2pp. ,48X:19491-105,ODI:GPU 2509 ,TN:GB\*

8307080710 Summarizes operating restrictions for reactor coolant pumps & updates restrictions in limits & precautions document.

ROGERS, L.C. :Babcock & Wilcox Co.  
TOOLE, R.J. :General Public Utilities - GPU Service Corp.  
DATE ISS:79/09/29, 7pp. ,48X:19491-107,ODI:GPU 2510 ,TN:GB\*

8307080735 Forwards rev to interim operating mgt recommendations for curtailing NSSS maneuvering rates. Encl rev should clarify recommendations provided in 740717 ltr.

ROGERS, L.C. :Babcock & Wilcox Co.  
HERVEIN, J.G. :Metropolitan Edison Co.  
DATE ISS:74/08/06, 2pp. ,48X:19491-162,ODI:GPU 2515 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307080739 Recommends that reactor coolant pump motor stator temp setpoint be kept down to 145 C to permit corrective action following alarm before max allowable temp reached, in response to licensee request to change setpoint.

ROGERS, L.C. :Babcock & Wilcox Co.  
MILLER, G.P. :General Public Utilities - GPU Service Corp.  
DATE ISS:74/07/19, 2pp. ,48X:19491-164, ODI:GPU 2516 ,TN:GB\*

8309200570 Excerpt of RC Jones testimony at TMI-1 restart hearings.

JONES, R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/11/30, 2pp. ,48X: - , ODI:GPU 2517 ,TN:GB\*

8307080743 Excerpt of RC Jones testimony at TMI-1 restart hearings.  
P 4,596.

JONES, R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/11/30, 2pp. ,48X:19491-166, ODI:GPU 2518 ,TN:GB\*

8307080748 Marked-up excerpts of RC Jones testimony. Pp 4,626-4,631.

JONES, R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/11/30, 6pp. ,48X:19491-168, ODI:GPU 2519 ,TN:GB\*

8307080755 Marked-up of RC Jones testimony. Pp 4,697-4,698.

JONES, R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/11/30, 2pp. ,48X:19491-174, ODI:GPU 2520 ,TN:GB\*

8307080769 Marked-up excerpts of RC Jones testimony. Pp 4,698-4,699.

JONES, R.C. :General Public Utilities - GPU Service Corp.  
DATE ISS:80/11/30, 2pp. ,48X:19491-176, ODI:GPU 2521 ,TN:GB\*



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8307210315 Excerpt from transcript re steam generator water level.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:80/11/30, 1p. ,48X:19694-313,ODI:GPU 2522 ,TN:GB\*

8307080775 IE Bulletin 79-05, "Nuclear Incident at TMI."

\* :Office of Inspection & Enforcement, Office of the Director  
: DATE ISS:79/04/01, 3pp. ,48X:19491-200,ODI:GPU 2524 ,TN:GB\*

8307080776 IE Bulletin 79-05A, "Nuclear Incident at TMI - Suppl."

\* :Office of Inspection & Enforcement, Office of the Director  
: DATE ISS:79/04/05, 5pp. ,48X:19491-203,ODI:GPU 2526 ,TN:GB\*

8307080779 Operational log.

\* :Babcock & Wilcox Co.  
: DATE ISS:77/11/15, 33pp. ,48X:19491-211,ODI:GPU 2602 ,TN:GB\*

8307080791 Operational log. Summary of closing of PORVs.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/05, 3pp. ,48X:19491-298,ODI:GPU 2624 ,TN:GB\*

8307120665 "Pressurized Water Reactor Electric Generating Plant."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 3pp. ,48X:19495-206,ODI:GPU 3001 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120668 "B&W Reactor Vessel & Internals - General Arrangement."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 3pp. ,48X:19495-209,ODI:GPU 3002 ,TN:GB\*

8307120674 "B&W Fuel Assembly for Pressurized Water Nuclear Reactors."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 2pp. ,48X:19495-212,ODI:GPU 3003 ,TN:GB\*

8307120677 "B&W Once Through Steam Generator (OTSG)."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 3pp. ,48X:19495-214,ODI:GPU 3005 ,TN:GB\*

8307120682 "B&W Pressurizer."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 3pp. ,48X:19495-217,ODI:GPU 3006 ,TN:GB\*

8307120686 "Three Mile Island - Unit 2."

\* :General Public Utilities - GPU Service Corp.  
: :  
DATE ISS:83/07/11, 3pp. ,48X:19495-220,ODI:GPU 3008 ,TN:GB\*

8307120690 "Reactor Coolant Sys Arrangement - Elevation, Three Mile  
Island Nuclear Station Unit 2."

\* :Metropolitan Edison Co.  
: :  
DATE ISS:83/07/11, 3pp. ,48X:19495-223,ODI:GPU 3009 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307090010 Figure 4.2-2, "RCS Arrangement - Elevation."

\* :Sacramento Municipal Utility District  
: DATE ISS:83/07/06, 1p. ,48X:19491-352,ODI:GPU 3010 ,TN:GB\*

8307120697 "Reactor Coolant Sys Arrangement - Elevation."

\* :Sacramento Municipal Utility District  
: DATE ISS:83/07/11, 3pp. ,48X:19495-226,ODI:GPU 3010 ,TN:GB\*

8307120702 "B&W 177 FA-Type Plants."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 3pp. ,48X:19495-229,ODI:GPU 3011 ,TN:GB\*

8307120707 "B&W 177 FA-Type Plants Reactor Vessels."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 3pp. ,48X:19495-232,ODI:GPU 3012 ,TN:GB\*

8307120712 "B&W 177 FA-Type Plants Steam Generators."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 3pp. ,48X:19495-235,ODI:GPU 3013 ,TN:GB\*

8307120718 "B&W 177 FA-Type Plants Pressurizers."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 2pp. ,48X:19495-238,ODI:GPU 3014 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
NRC SPECIAL REPORT

8307120724 "Physical Plant Dimensions Summary Comparison."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 3pp. ,48X:19495-240,ODI:GPU 3015 ,TN:GB\*

8307090027 Slide presentation entitled "Control Room Indications."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/06, 1p. ,48X:19491-358,ODI:GPU 3032 ,TN:GB\*

8307120650 Util organizational chart.

\* :Metropolitan Edison Co.  
: DATE ISS:83/07/12, 1p. ,48X:19504-353,ODI:GPU 3037 ,TN:GB11

8307120723 Diagram of clad ballooning & clad rupture on 790328.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/12, 1p. ,48X:19504-270,ODI:GPU 3110 ,TN:GB\*

8307120729 Diagram of reflood of mildly oxidized clad.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 1p. ,48X:19504-271,ODI:GPU 3111 ,TN:GB\*

8307120733 "Oxidization of Cladding."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 1p. ,48X:19504-272,ODI:GPU 3112 ,TN:GB\*

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8307120737 "Reflood of Severely Oxidized Clad."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 1p. ,48X:19504-273,ODI:GPU 3113 ,TN:GB\*

8307120880 "Make-up/Let-down Sys,Make-up Mode Using Pump 1-A."

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:83/07/11, 1p. ,48X:19504-345,ODI:GPU 3140 ,TN:GB\*

8307120903 Page 1 excerpt from GPU 790525 group discussion w/Miller,  
Ross & Zewe,Re interpretation of procedure for continued  
operation depending on capability to maintain RCS pressure  
& pressurizer level.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/05/25, 1p. ,48X:19512-052,ODI:GPU 6004AA ,TN:GB\*

8307130447 Page 1 excerpt from 790525 GPU group discussion w/Miller,  
Ross & Zewe.Discusses interpretation of procedure re  
continued operation depending on capability to maintain RCS  
pressure & pressurizer level.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/05/25, 1p. ,48X:19512-050,ODI:GPU 6004AA ,TN:GB\*

8307120904 Page 2 excerpt from GPU 790525 group discussion w/Ross,  
Miller,Seelinger & Zewe re solid water condition.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/05/25, 1p. ,48X:19512-053,ODI:GPU 6004BB ,TN:GB\*

8307130448 Page 2 excerpt from GPU 790525 group discussion w/Ross,  
Miller,Seelinger & Zewe re solid water conditions & make-up  
pump procedure.

\* :General Public Utilities - GPU Service Corp.  
: DATE ISS:79/05/25, 1p. ,48X:19512-051,ODI:GPU 6004BB ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307120910 Deposition of TF Scott on 820430 in New York, NY re concept  
of saturation. Pp 81-84.

SCOTT, T.F. :Babcock & Wilcox Co.  
:  
DATE ISS:82/04/30, 5pp. ,48X:19512-061, ODI:GPU 6008 ,TN:GB\*

8307050375 Transcript of T Scott deposition. Pp 81-84.

SCOTT, T. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:83/07/02, 6pp. ,48X:19232-070, ODI:GPU 6009 ,TN:GB\*

8307050381 Transcript of R Davis on 820427 deposition in New York, NY.  
Pp 3, 8-10, 34-42 & 46.

DAVIS, R. :Babcock & Wilcox Co.  
:  
DATE ISS:82/04/27, 14pp. ,48X:19232-076, ODI:GPU 6012 ,TN:GB\*

8307050391 Transcript of testimony. Pp 74-80.

\* :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:83/07/02, 8pp. ,48X:19232-094, ODI:GPU 6014 ,TN:GB\*

8307050396 Transcript of C Michelson deposition. Pp 101-105.

MICHELSON, C. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:83/07/02, 7pp. ,48X:19232-102, ODI:GPU 6015 ,TN:GB\*

8307050400 Transcript of C Michelson testimony. Pp 81-90, 211, 237-238,  
247-249, 252-253 & 263-265.

MICHELSON, C. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:83/07/02, 22pp. ,48X:19232-109, ODI:GPU 6016 ,TN:GB\*

U. S. NUCLEAR REGULATORY COMMISSION  
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8307050448 Transcript of DF Hallman 790716 deposition.Pp 4-9 & 11-40.

HALLMAN,D.F. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/07/16, 36pp. ,48X:19233-015,ODI:GPU 6028 ,TN:GB\*

8307050455 Transcript of RC Jones 791003 deposition.Pp 6-23,25-27,  
50-55,61-66,69-70,76 & 81-82.

JONES,R.C. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/10/03, 39pp. ,48X:19233-051,UDI:GPU 6029 ,TN:GB\*

8307050459 Transcript of BA Karrasch 790716 deposition.Pp 4-8,11,14,  
19-26 & 28-37.

KARRASCH,B.A. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/07/16, 26pp. ,48X:19233-090,ODI:GPU 6030 ,TN:GB\*

8307050466 Transcript of BA Karrasch 791003 deposition.Pp 12-13,15-22,  
24,29,31 & 34-36.

KARRASCH,B.A. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/10/03, 17pp. ,48X:19233-116,ODI:GPU 6031 ,TN:GB\*

8307050472 Transcript of JJ Kelly 790509 deposition.Pp 5-13 & 20-21.

KELLY,J.J. :General Public Utilities - GPU Service Corp.  
:  
DATE ISS:79/05/09, 12pp. ,48X:19233-133,ODI:GPU 6032 ,TN:GB\*

8307050482 Transcript of JJ Kelly 791002 deposition.Pp 9-11,14-23,25,  
29-33,36-39,42-45,48-49 & 62-65.

KELLY,J.J. :General Public Utilities - GPU Service Corp.  
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8307050485 Transcript of JJ Kelly 790713 deposition. Pp 8,12-13,15-18,  
21-23,25-31 & 33-34.

KELLY, J.J. :General Public Utilities - GPU Service Corp.  
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8307050489 Transcript of RE Kosiba 791016 deposition. Pp 28-29 & 31-33.

KOSIBA, R.E. :General Public Utilities - GPU Service Corp.  
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8307050493 Transcript of RE Kosiba 790703 deposition. Pp 9-11,25-28,  
30-31,34-35,41-46 & 49-51.

KOSIBA, R.E. :General Public Utilities - GPU Service Corp.  
:  
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8307070123 Partial deposition of LC Rogers on 791011.

ROGERS, L.C. :Babcock & Wilcox Co.  
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8307070136 Partial deposition of DH Roy on 790707.

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8307070142 Partial deposition of DH Roy on 791015.

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8307070148 Partial deposition of wH Spangler on 761016.

SPANGLER, W.H. :Babcock & Wilcox Co.  
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8307070151 Partial deposition of wH Spangler on 790620.

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8307070157 Partial deposition of JH Taylor on 790706.

TAYLOR, J.H. :Babcock & Wilcox Co.  
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8307070160 Partial deposition of JH Taylor on 791005.

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8307070168 Deposition of JF Walters on 791002. w/o encl.

WALTERS, J.F. :Babcock & Wilcox Co.  
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8307070174 Deposition of EG Ward on 790828. Pp 42-43.

WARD, E.G. :Babcock & Wilcox Co.  
:;  
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8307070177 Deposition of GK Wandling on 800618. Page 8.

WANDLING, G.K. : Babcock & Wilcox Co.  
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DATE ISS: 80/06/18, 2pp. , 48X: 19357-060, ODI: GPU 6051 , TN: GB\*

8307070179 Deposition of GK Wandling on 790702. Pp 4-9.

WANDLING, G.K. : Babcock & Wilcox Co.  
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8307070213 Partial transcript of 790718 public hearing.

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8307070219 Partial transcript of 790719 public hearing.

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8307070222 Partial transcript of 790720 public hearing.

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8307070227 Transcript of 790416 hearing. W/o transcript.

\* : ACRS - Advisory Committee on Reactor Safeguards  
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<b>16. ABSTRACT (200 words or less)</b>  This report documents a review by the Nuclear Regulatory Commission (NRC) staff of the <u>General Public Utilities v. Babcock &amp; Wilcox</u> lawsuit record to assess whether any of the staff's previous conclusions or their principal bases presented at the Three Mile Island Unit 1 (TMI-1) restart hearing, supporting restart of TMI-1, should be amended in light of the information contained in the lawsuit record. Details of the lawsuit record are provided in the appendices contained in Volume 2 of this report.				<b>9. (Leave blank)</b>	
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