

**Met-Ed / GPU**

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Writer's Direct Dial Number

June 22, 1981  
LL2-81-0166



TMI Program Office  
Attn: Dr. B. J. Snyder, Program Director  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)  
Operating License DPR-73  
Docket No. 50-320  
TMI Unit 2, Recovery Quality Assurance Plan

This letter is written to provide you with a copy of our Quality Classification List (QCL), and thus close out our response to your letter dated March 20, 1981. This letter includes all items affecting safety and is properly referenced in the present revision of the Recovery Quality Assurance Plan.

Sincerely,

A handwritten signature in cursive that reads "G. K. Hovey".

G. K. Hovey  
Vice-President and  
Director, TMI-2

GKH:JJB:djb

Attachment

cc: L. H. Barrett, Deputy Program Director

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Att: QAB-104

## TMI-2 QUALITY CLASSIFICATION LIST

The classification symbols used in this list are defined as follows:

- 1 "Important to Safety" Class.
- 1N "Important to Safety" item which is also "Nuclear Safety Related."
- 2 "Benefits Reactor Shutdown" Class. This class consists of those structures, systems, and components which are not classified "Important to Safety", but are normally utilized to perform the functions to achieve cold shut-down.
- R "Important to Recovery." This class consists of those structures, systems, and components which have been modified or added since the March 1979 accident to support TMI-2 recovery. Those items require specific QA coverage as deemed appropriate on an individual case basis to both ensure their functional adequacy and to maintain the original (pre March 1979) functional adequacy of as built (permanent) structures, systems, and components where an interface occurs.

\* The entire system is not within a single class. See subsystems and/or components for detailed classification.

SYSTEM NUMBER	NAME	CLASS
100	Structures and Civil Work	*
150-199	Structures (Consecutive listing to 199)	*
153	Reactor Building	1N
154	Auxiliary Building	1N
155	Control Building	1N
156	Control Building Area	1N
157	Diesel Generator Building (Seismic I Portion Only)	1N
159	Fuel Handling Building	1N
160	Fuel Transfer Canal	1N
161	Spent Fuel Pools (including liners)	1N
164	Main Cooling Towers (Structural)	2
165	Post Cooling Tower (Structural basin only)	1
168	River Water Pump House (Seismic I Portion Only)	1N
175	Air Intake Tunnel	1N
176	Diesel Firepump House	1
177	Chemical Cleaning Building	R
179	Security Building/Processing Center (Planned)	1
182	EPICOR II TV Monitor & Control Bldg.	R
183	Auxiliary & Fuel Handling Building Supplementary Air Filtration System Bldg.	R

TMI-2 QUALITY CLASSIFICATION LIST

SYSTEM NUMBER	NAME	CLASS
184	Intermediate Waste Storage Facility	R
185	EPICOR II Health Physics Building	R
200	Reactor Plant Systems	*
201	NSSS Supports	1N
202	Fuel Elements & Control Rods	1N
210	ESF & Reactor Auxiliary Systems	*
211	HPI/Makeup & Purification System	*
211.1	HPI System	1N
211.2	MU&P System-Letdown Portion	*
211.2.1	MU&P System-Letdown thru Outermost CB Isolation Valve	1N
211.3	MU&P System-Makeup & Seal Injection Portion	1N
211.4	Makeup Tank	1N
212	LPI/Decay Heat Removal System	*
212.1	LPI System	1N
212.2	Decay Heat removal System	1N
212.3	Borated Water Storage Tank	1N
212.4	Mini Decay Heat Removal System	R
212.5	Alternate Decay Heat Removal System	R
213	Core Flooding System	1N
214	Reactor Building Spray System	1N
220	Reactor Coolant System	*
221	Reactor Vessel	1N
221.1	Standby Reactor Coolant Pressure Control System	R
221.1.1	Nitrogen Supply for Standby Reactor Coolant Pressure Control System	R
222	RCS Venting System	1N
223	Pressurizer	*
223.1	Pressurizer Vessel	1N
223.2	Pressurizer PORV - R.C. Pressure Boundary	*
223.2.1	Pressurizer PORV - Boundary	1N
223.2.2	Pressurizer PORV - Functional	1
223.3	Pressurizer Code Safety Valves	1N
223.4	Pressurizer Spray System	*
223.4.1	Pressurizer Spray System - Boundary	1N
223.5	Pressurizer PORV Block Valve	1N
224	Steam Generators	1N
224.1	Steam Generator A	1N
224.2	Steam Generator B	1N
224.2.1	Long-Term OTSG Cooldown Steam Generator B	R
224.3	OTSG Decontamination and Layup System	R
225	Control Rod Drives	*
225.1	Control Rod Drive Assemblies	1N



TMI-2 QUALITY CLASSIFICATION LIST

SYSTEM NUMBER	NAME	CLASS
225.2	Control Rod Drive Mechanisms	1N
226	Reactor Coolant Pumps (4)	*
226.1	Reactor Coolant Pumps (4) - Boundary	1N
227	Reactor Internals	1N
228	Reactor Coolant System Pressure Boundary	1N
229	Fuel Elements and Control Rods	1N
230	Radioactive Waste Management Systems	*
231	Gaseous Waste Disposal System	1
232	Liquid Radwaste Disposal System	*
232.1	Liquid Radwaste Disposal Fluid System	1
232.2	Reclaimed Boric Acid Tanks (2)	1N
232.3	Reactor Coolant Bleed Tanks (3)	1
232.4	Reactor Coolant Drain Tank	1
232.5	Deborating Demineralizers (2)	1
233	Solid Radwaste Disposal System	1
233.1	Interim Solid Waste Staging Facilities	R
234	Radwaste Volume Reduction System	*
240	Containment Systems	*
241	Penetration Pressurization System	1
242	Fluid Block System (Environmental Barrier)	1
243	Penetration Air Cooling System	1N
244	Reactor Building Isolation System	1N
245	Penetrations used for Recovery	R
250	Fuel Systems	*
251	Spent Fuel Cooling System	1N
252	Fuel Handling System	1
254	Spent Fuel Racks	1
254.1	Spent Fuel Storage Racks (High Density)	R
255	Fuel Pool Waste Storage System	R
256	Liquid Waste Storage Tanks (in Fuel Pool A)	R
257	Failed Fuel Canisters	R
261	Reactor Servicing Equipment	*
262	Incore Detector Disposal System	1
273	Failed Fuel Shipping System	1
280	Radiation Protection Facilities	*
282	Shielding (Seismic I Portion Only)	1
300	Turbine Plant Systems (Power Generation)	*
301	Turbine - Generator	*
301.1	Turbine Stop Valves	2
302	Main Condenser	2
310	Turbine-Generator Auxiliary System	*
314	Gland Seal System	2
330	Condenser Auxiliary Systems	*
331	Main Condenser Air Extraction System	2

**TMI-2 QUALITY CLASSIFICATION LIST**

<b>SYSTEM NUMBER</b>	<b>NAME</b>	<b>CLASS</b>
400	Steam & Feedwater Systems (Power Transfer)	*
410	Steam Systems	*
411	Main Steam System	*
411.1	Main Steam System to MSIV's	1N
411.2	Main Steam Isolation Valves	1N
411.3	Main Steam Safety Valves	1N
412	Steam Dump & Bypass System	*
412.1	Atmospheric Dump Subsystem	1
412.2	Turbine Bypass System	2
414	Auxiliary Steam System	1
415	Main Steam to Relief Valve Post Supports	1
420	Feedwater and Condensate Systems	*
421	Main Condensate System	*
421.1	Main Condensate System: EFW Pump Suction from Condensate Storage Tanks and Hotwell	1N
422	Main Feedwater System	*
422.1	Feedwater Isolation Valves	1
422.2	Feedwater Regulation Valves	1
424	Emergency Feedwater System	1
424.1	Emergency Feedwater Line (relocated portion)	R
430	Feedwater Heater Drain & Vents	*
432	Feedwater Heater Vents, Reliefs & Misc. Drains	*
432.1	Steam Generator Vents & Drains	1
442	Fuel Oil System	*
442.1	Diesel Generator Fuel Oil Transfer, System	1N
442.2	Diesel Generator Fuel Oil Storage System	1N
500	Water & Waste Treatment Systems	*
503	Laboratories (As req'd to support post accident sampling)	R
503.1	Hot Chemistry Lab System	R
503.1.1	Hot Chemistry Lab Superstructure (near Containment Building)	R
503.1.2	Hot Chemistry Lab Drainage System (over EFW pump rm.)	R
504	Plant Filtration System	R
504.1	Filtration System Fire Protection and Drains	R
510	Circulating Water Systems	*
511	Circulating Water System	2
520	Water Treatment & Distribution Systems	*
526	EPICOR II (Auxiliary Building)	R
527	Submerged Demineralizer System	R
527.1	SDS Monitor Tank	R
527.2	SDS Transfer System	R
528	Processed Water Storage Tank System	R

TMI-2 QUALITY CLASSIFICATION LIST

SYSTEM NUMBER	NAME	CLASS
530	Open Cycle Water Systems	*
531	Nuclear Services Cooling River Water System	1N
532	Secondary Services River Water System	2
534	Reactor Building Emergency River Water System	1N
535	Screen Wash System	1
540	Closed Cycle Cooling Water System	*
541	Nuclear Services Closed Cooling Water Systems	*
541.1	NSCCW - Engineered Safety Features Portion	1N
541.2	NSCCW - Non-Engineered Safety Features Portion	1
542	Intermediate Closed Cooling Water System (Engineered Safety Features Portion)	1N
543	Decay Heat Closed Cooling Water System	1N
543.1	Leakage Closed Cooling Water System	1
544	Secondary Services Closed Cooling Water System	2
545	Temporary Nuclear Service Closed Cooling Water System	R
550	Sampling Systems	*
551	Nuclear Liquid Sampling System	2
552	Radgas Sampling System	1
555	Post Accident Sampling System	R
555.1	Nuclear Sampling System (Recovery Portion)	R
555.2	EPICOR II Sampling System	R
558	Temporary Unit II Sampling System	R
559	SDS Sampling System	R
560	Chemical Addition Systems	*
561	Reactor Plant Chem Addition & Resin Sluicing System	2
561.1	Boric Acid Mix Tank	1
570	Sump & Waste Collection	*
572	Reactor Building Sump & Drain System	*
572.1	Reactor Building Sump	1N
572.2	Reactor Building Sump Screen	1N
572.3	Reactor Building Surface Suction Pump System	R
573	Auxiliary Building Sumps & Drain System (As required to control radiation release)	1
574	Control Building Area Sump (As required to control radiation release)	1
576	Air Intake Tunnel Sump	1
600	Instrumentation & Control Systems	*
610	Instrumentation & Control Facilities	*
611	Control Room & Main Control Panels	1
613	Local Control Panels (As req'd to support Important to Safety systems)	1
614	Remote Shutdown Panel	1



THI-2 QUALITY CLASSIFICATION LIST

SYSTEM NUMBER	NAME	CLASS
620	Power Cycle I&C Systems	*
621	Integrated Control System	2
622	Rod Drive Control System (CRDCS)	*
622.1	CRDCS Trip Portion	1N
622.2	CRDCS Control Portion	2
623	Nuclear Instrumentation System	1
624	Non-Nuclear Instrumentation System	*
624.1	Reactor Building Spray Instrumentation	1N
624.2	Steam Generator Instrumentation	1
624.3	Emergency FW Pump Control Instrumentation	1N
624.4	Non-Nuclear Instrumentation	2
625	Incore Monitoring System	1
626	Turbine-Generator Control System	*
626.1	Turbine Electro-Hydraulic Control System	2
627	Feedwater Control System	*
627.1	Emergency Feedwater Control System	1N
628	Reactor Coolant Pressure Control	2
629	Pressurizer Level Control	1
630	Pressurizer Heaters	2
631	Steam Dump & Bypass Control	*
631.1	Steam Dump - Manual Atmospheric Dump Controls	1
635	Annunciator Systems	*
635.1	In Plant General Announcing System	1
640	Power Cycle Protective Systems	*
641	Reactor Protection System (RPS)	1N
641.1	RPS-Reactor Overpower (Neutron Power Range)	1N
641.2	RPS-RC Flow	1N
641.3	RPS-RC Press (Narrow Range)	1N
641.4	RPS-RC Temp (Narrow Range)	1N
641.5	RPS-RC Pump Pwr Monitor-1	1N
641.6	RPS-RC Pump Pwr Monitor-2	1N
641.7	Reactor Bldg Press (4 Psig)	1N
641.8	RPS-RC Press (Wide Range)	1N
641.9	RPS-Reactor Bldg Press (4 Psig)	1N
641.10	RPS-Reactor Bldg Press Hi (30 psig)	1N
641.11	Reactor Trip - Containment Isolation	1
641.12	Line Break Monitor	1
641.13	NDTT Monit. Inst.	1
642	Engineered Safety Features Actuation	1N
643	Reactor Building Protection System	1
643.1	Steam Line Rupture Detection System	1
643.2	High Radiation Reactor Trip System	1
644	Feedwater Latching System	1N
650	Communication Systems	*
651	Inplant Communications	2

TMI-2 QUALITY CLASSIFICATION LIST

SYSTEM NUMBER	NAME	CLASS
660	Plant Monitoring Systems	*
661	Radiation Monitoring System (Portions Monitoring Release Points only)	1
662	Post Accident Monitoring System	1
663	Seismic Monitoring System	1
664	Containment Monitoring System	1
665	Reactor Coolant PSAT Meter & Alarm	1
667	Main Steam Safety Valve Monitoring System	1
668	Stack Monitor	1
668.1	Vent Stack Monitoring System	R
680	Fire Detection Systems	*
680.1	Fire Detection - Reactor Building	1
680.2	Fire Detection - Control Building	1
680.3	Fire Detection - Auxiliary Building	1
680.4	Fire Detection - Control Area Building	1
680.5	Fire Detection - Diesel Generator Building	1
680.6	Fire Detection - River Water Pumphouse Building	1
680.7	Fire Detection - Fuel Handling Building	1
680.8	Fire Detection - Air Intake Tunnel	1
690	Security Systems	*
690.1	Security - Access Control System	1
690.2	Security - Video System	1
690.3	Security - Lighting System	1
690.4	Security - Permalert System	1
690.5	Security - Communication System	1
690.6	Security - HVAC (Planned)	1
690.7	Security - Electrical	1
690.8	Security - Gate Control System	1
690.9	Security - Sewage Lift Unit (Planned)	1
690.10	Security - Ingress & Egress Control System	1
690.11	Security - Diesel Fuel Oil System (from Unit 1)	1
690.12	Security - Bullet Proof System (Planned)	1
690.13	Security - TMI Bldg. 0025	1
690.14	Security - TMI Bldg. 0031	1
690.15	Security - Fire Protection System	1
690.16	Security - TMI-2 Processing Center	1
700	Electrical Systems	*
702	4160V Switchgear Room	*
702.1	4160V Switchgear Room - Class 1E	1N
703	480V Switchgear Room	*
703.1	480V Switchgear Room - Class 1E	1N
730	Unit Distribution Systems	*
731	6.9 KV Auxiliary System	*
731.1	6900V AC Reactor Plant Bus 2-1	2
731.2	6900V AC Reactor Plant Bus 2-2	2
732	4.16 KV Auxiliary System	*



TMI-2 QUALITY CLASSIFICATION LIST

SYSTEM NUMBER	NAME	CLASS
732.1	4160V AC Turbine Plant Bus 2-3	2
732.2	4160V AC Turbine Plant Bus 2-4	2
732.3	4160V AC Turbine Plant Bus 2-5	2
732.4	4160V AC Circ Water Pumphouse Bus 2-6	2
732.5	4160V AC Mechanical Draft Cooling Tower Pumphouse Bus 2-7	2
732.6	4160V AC Mechanical Draft Cooling Tower Pumphouse Bus 2-8	2
732.7	4160V AC Engineered Safety Feature Bus 2-1E	1N
732.8	4160V AC Engineered Safety Feature Bus 2-2E	1N
732.9	4160V AC Engineered Safety Feature Bus 2-3E	1N
732.10	4160V AC Engineered Safety Feature Bus 2-4E	1N
732.11	4.16KV SWGR for Diesel Generator DGA	R
732.12	4.16KV SWGR for Diesel Generator DGB	R
732.13	4.16 - .48KV Transformer for DGA Auxiliaries	R
732.14	4.16 - .120/.240KV Transformer for DGB Auxiliaries	R
732.15	4160V AC Diesel Generator Bus 2DG-1	1N
732.16	4160V AC Diesel Generator Bus 2DG-2	1N
733	480V Auxiliary System	*
733.1	480V AC Turbine Bldg Load Center Unit/SS Bus 2-31	2
733.2	480V AC Turbine Bldg Load Center Unit/SS Bus 2-41	2
733.3	480V AC Auxiliary Bldg Load Center Unit/SS Bus 2-32	2
733.4	480V AC Auxiliary Bldg Load Center Unit/SS Bus 2-42	2
733.5	480V AC Circ Water Pumphouse Unit/SS Bus 2-51	2
733.6	480V AC Circ Water Pumphouse Unit/SS Bus 2-61	2
733.7	480V AC Engineered Safety Feature Unit/SS Bus 2-11E	1N
733.8	480V AC Engineered Safety Feature Unit/SS Bus 2-12E	1N
733.9	480V AC Engineered Safety Feature Unit/SS Bus 2-21E	1N
733.10	480V AC Engineered Safety Feature Unit/SS Bus 2-22E	1N
733.11	480V AC Control Rod Drive Unit/SS Bus 2-33	2
733.12	480V AC Control Rod Drive Unit/SS Bus 2-43	2
733.13	480V AC Pressurizer Heater Unit/SS Bus 2-34	2
733.14	480V AC Pressurizer Heater Unit/SS Bus 2-44	2
733.15	480V AC River Water Pumphouse ESF Unit/SS Bus 2-31E	1N
733.16	480V AC River Water Pumphouse ESF Unit/SS Bus 2-41E	1N
733.17	480V AC Mechanical Draft Cooling Tower Pumphouse Unit/SS Bus 2-71	2
733.18	480V AC Mechanical Draft Cooling Tower Pumphouse Unit/SS Bus 2-81	2
733.19	480V AC River Water Pumphouse ESF Unit/SS Bus 2-72	2
733.20	480V AC River Water Pumphouse ESF Unit/SS Bus 2-82	2
733.21	480V AC Fuel Handling Building & Reactor Bldg HVAC Unit/SS Bus 2-35	2
733.22	480V AC Auxiliary Building HVAC Unit/SS Bus 2-36	2
733.23	480V AC Service Building Unit/SS Bus 2-37	2

TMI-2 QUALITY CLASSIFICATION LIST

SYSTEM NUMBER	NAME	CLASS
733.24	480V AC Auxiliary Building HVAC Unit/SS Bus 2-45	2
733.25	480V AC Fuel Handling & Auxiliary Building HVAC Unit/SS Bus 2-46	2
733.26	480V AC Reactor Building HVAC Unit/SS Bus 2-47	2
733.27	480V USS 2-38	R
733.28	480V USS 2-48	R
733.29	480V MCC 2-33A	R
733.30	480V Cap Gun #3 Distribution Center	R
733.31	480V Power Distribution Panel PDP-5A	R
733.32	480V Power Distribution Panel PDP-5AA	R
733.33	480V Power Distribution Panel PDP-5B	R
733.34	480V Power Distribution Panel PDP-5BA	R
733.35	480V Power Distribution Panel PDP-6A	R
733.36	480V Power Distribution Panel PDP-W1	R
733.37	480V Power Distribution Panel PDP-W2	R
733.38	480V Power Distribution Panel PDP-W3	R
733.39	480V Power Distribution Panel PDP-41B	R
733.40	480V Solid Waste Distribution Panel	R
733.41	480V Strip Heater Panel SPC-PNL-4	R
733.42	480V MCC for DGA Auxiliaries (in DGA)	R
733.43	480-240V Transformer for Pump WG-P-2	R
733.44	480-240V Transformer for Pump SWS-P-1	R
733.45	480-120/208V Transformer PDT-5A for PNL MP2-38	R
733.46	480-120/208V Transformer PDT-5B for PNL MP2-48	R
733.47	480-120/208V Transformer for PNL MP2-33A	R
733.48	480-120/208V Transformer for PNL MP-CN-1	R
733.49	480-120/208V Transformer for PNL MP-CN-2	R
733.50	480-120/208V Transformer for PNL MPF-1	R
733.51	480-120/208V Transformer for PNL MPH-1	R
733.52	480-120/208V Transformer for PNL MPT-1C	R
733.53	480-120/208V Transformer for PNL HT-P-100	R
734	125/250 Volt DC System	*
734.1	125/250V DC Main Bus 2-1DC	1N
734.1.1	125/250V DC Dist Panel DCA-1A	1N
734.1.2	125/250V DC Dist Panel DCC-1A	1N
734.1.3	125/250V DC Dist Panel DCT-1A	2
734.1.4	125/250V DC Dist Panel DCW-1A	1N
734.1.5	125/250V DC Dist Panel DCC-1B	1N
734.2	125/250V DC Main Bus 2-2DC	1N
734.2.1	125/250V DC Dist Panel DCA-2A	1N
734.2.2	125/250V DC Dist Panel DCC-2A	1N
734.2.3	125/250V DC Dist Panel DCT-2A	2
734.2.4	125/250V DC Dist Panel DCW-2A	1N
734.2.5	125/250V DC Dist Panel DCC-2B	1N
734.3	125V DC Battery for DGA	R

**THI-2 QUALITY CLASSIFICATION LIST**

<b>SYSTEM NUMBER</b>	<b>NAME</b>	<b>CLASS</b>
734.4	125V DC Battery for DGB	R
735	120 Volt AC Vital Power Supply	*
735.1	120V Vital AC Dist Panel 2-1V	1N
735.2	120V Vital AC Dist Panel 2-2V	1N
735.3	120V Vital AC Dist Panel 2-3V	1N
735.4	120V Vital AC Dist Panel 2-4V	1N
735.5	120V Vital AC Dist Panel 2-5V	2
736	120 Volt AC Regulated Power System	*
736.1	120V Regulated AC Dist Panel 2-12R	2
736.2	120V Regulated AC Dis Panel 2-22R	2
736.3	120V AC Spectroscopy Lab Regulated Power Pnl 2-22RT	R
737	120/208 Volt AC Power System	*
737.1	120/208V AC Distribution Panel MP2-11EB	1N
737.2	120/208V AC Distribution Panel MP2-21EB	1N
737.3	120/208V AC Distribution Panel MP2-31E	1N
737.4	120/208V AC Distribution Panel MP2-41E	1N
737.5	120/208V Miscellaneous Power Panel MP2-3B	R
737.6	120/208V Miscellaneous Power Panel MP2-4B	R
737.7	120/208V Miscellaneous Power Panel MP2-33A	R
737.8	120/208V Miscellaneous Power Panel MP-CN-1	R
737.9	120/208V Miscellaneous Power Panel MP-CN-2	R
737.10	120/208V Miscellaneous Power Panel MP-CN-3	R
737.11	120/208V Miscellaneous Power Panel MPF-1	R
737.12	120/208V Miscellaneous Power Panel MPH-1	R
737.13	120/208V Miscellaneous Power Panel MPT-1C	R
737.14	120/208V Miscellaneous Power Panel HT-P-100	R
738	277/480 Volt AC Power System	*
738.1	277/480 Volt AC Dist Panel PDP-1E	1N
738.2	277/480 Volt AC Dist Panel PDP-2	1N
740	Emergency Power Systems	*
741	Emergency Diesel Generators (Electrical Aspects)	1N
742	Non Class 1E Diesel Generators (Electrical Aspects)	*
742.1	Diesel Generator DGA	R
742.2	Diesel Generator DGB	R
750	Electrical Protective Systems	*
753	Electrical Heat Tracing Systems (IE Portion)	1N
760	Plant Lighting Systems	*
761	Emergency Lighting	1N
770	Cable, Raceway & Conduit Systems	*
771	Conduit	*
771.1	Conduit - Class 1E	1N
772	Cable Tray	*
772.1	Cable Tray - Class 1E	1N
773	Underground Duct Banks	*
773.1	Underground Duct Banks - Class 1E	1N



THI-2 QUALITY CLASSIFICATION LIST

SYSTEM NUMBER	NAME	CLASS
774	Containment Building Penetrations	1N
775	Wall Openings & Fire Stops	*
775.1	Wall Openings & Fire Stops (For Class 1E Components)	1N
776	Raceway Supports	*
776.1	Raceway Supports - Class 1E	1N
777	Class 1E Power for Mini Decay Heat/ADH Code Break Isolation Valves System	R
800	Miscellaneous Plant Systems	*
803	Auxiliary Building/Fuel Handling Building Offgas Filter System	R
810	Fire Protection and Suppression Systems	1
813	Fire Protection for Auxiliary Transformers	R
814	Fire Protection (Misc. Buildings)	R
815	Filtration System Fire Protection and Drains	R
820-849	HVAC Systems (Consecutive Listing to 849)	*
823	Containment Cooling System	1N
824	Reactor Building Ventilation & Purge System	1N
824.1	Ventilation System for Decay Heat System Pits	R
825	H&V Supplementary Auxiliary Filtration System Encl.	R
826	Control Room HVAC System	1N
827	Temporary Auxiliary and Fuel Handling Building HVAC	R
829	Auxiliary Building H&V System	1
830	Fuel Handling Building H&V System	1
831	Emergency Diesel Generator Building H&V	1N
832	Condenser Air Extraction Filtration System	R
833	Chem Lab Trailer Filter Exhaust System	R
834	Mini-Decay Heat Removal Ventilation System	R
835	Ventilation for Temporary Nuclear Sampling System	R
837	Air Intake Tunnel	1N
838	River Water Pumphouse H&V	1N
839	Circulating Water Pumphouse H&V	2
840	Fire Pump House H&V	1
841	Chemical Cleaning Building & EPICOR II Health Physics Buildings HVAC Systems	R
845	Mechanical Equipment Room H&V	1N
850	Compressed Air & Gas Systems	*
852	Instrument Air System	*
852.1	Penetration Isolation Valves, (Safety Related)	1N
852.3	Main Steam Line Rupture/FW Control	1
852.4	Service Air - RB Isolation	1N
852.5	Instrument Air - Other	2
854	Nuclear Plant Nitrogen Supply System	*
854.1	Nitrogen Supply Isolation Valve	1N
854.2	Nitrogen Supply System - Non Safety Related	2

THI-2 QUALITY CLASSIFICATION LIST

SYSTEM NUMBER	NAME	CLASS
860	Diesel - Generator Systems	*
861	Emerg Diesel Generators (Mech Aspects)	1N
861.1	Emerg Diesel Gen DG-1, Air Intake Exhaust	1N
861.2	Emerg Diesel Generator DG-2, Air Intake Exhaust	1N
862	Emerg Diesel Gen Fuel Systems	1N
863	Emerg Diesel Gen. Lub Oil, Oil Invection, Air Start	1N
864	Emerg Diesel Gen. Protective Trip Functions	1N
865	Balance of Plant Emergency Diesel Generator Fuel Transfer System	R
866	Balance of Plant Emergency Diesel Generator (Gray and White)	R
880	Cranes	*
882	Reactor Building Polar Crane (Structural only)	1
883	Fuel Handling Building Crane (Structural only)	1
884	Chemical Cleaning Building Monorail Hoist and Trolley	R
900	Special	*
901	Post LOCA Hydrogen Recombiner System	1N
906	Hydrogen Purge Discharge System	1N
908	Containment Vessel Leak Rate Test (Isol. Valves)	1
910	Reg. Guide 1.29 Supports	1N