

PLANNING MEETING

0900 4/26/79

1. Agenda, 0900, 4/26/79, Task Management/Schedule Meeting
2. Review Top Priorities List
3. Review Action Items from "1800", 4/25/79 Technical Review Meeting
4. Review Tasks Lists

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A G E N D A

Management Schedule Meeting

0900 4/26/79

1. Radioactive Releases
 - a. Trending outlet of condenser air ejectors
 - b. Identification and isolation of sources
2. Status of:
 - a. Filter storage
 - b. Auxiliary Building roof ventilation system
 - c. EPICOR (Cap-Gun II)
 - d. Tank Farm in Unit 2 spend fuel pool - schedules
 - e. Liquid Waste processing
 - f. Alternate pressurizer level measurement
3. Reactor coolant pressure/volume control system - schedules and status of requisitions
4. Progress with processing liquid waste from "B" OTSG - other waste processing
5. Schedule for attaining natural circulation cooling mode:
 - a. Condensate sample from steam line and from "B" OTSG
 - b. Decontamination efforts
 - c. Procedures for going to solid cooling of OTSG
 - d. Proposals and schedules for completing alternate solid circulation of "B" OTSG feedwater connections
 - e. Revisions to Procedure EP 32

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TOP PRIORITIES

Development of plan for management of radioactivity in Auxiliary and Containment Buildings.	A-1
Identify and isolate sources of iodine leakage.	A-1
Complete tank farm in Unit 2 spent fuel pool.	A-1
Complete roof-top Stack Filtration System	A-2
Complete contingency plan for emergency cross-tie between the Auxiliary Building and Reactor Building Filtration System.	A-2
Completion of EPICOR (CAP-GUN II) System.	A-2
Development of plan for treatment of Auxiliary Building liquid waste.	B-1
Complete "B" OTSG cooling and modification (long-term).	C-1
Upgrade Decay Heat Removal System.	C-1
Complete calibration of alternate pressurizer level transmitter.	C-1
Development of alternate system for pressure/volume control system.	C-1
Provide methods (indications and trends) for determining that natural circulation has occurred.	C-1
Determine suitability of using both steam generators as heat sinks.	C-2
Complete "A" OTSG cooling modification (long-term).	C-2
Complete external valve pit for ADHR System.	C-2

CATEGORY

A	Control (i.e., containment) of radioactivity in Auxiliary and Containment Buildings.
B	Recovery of Auxiliary Building to near normal operations.
C	Place the plant in a cold condition suitable for depressurization with long-term pressure/volume control.

ACTION ITEMS

Technical Group Meeting
1800 4/25/79

	<u>Action</u>
1. Complete cross connections to the normal feed-lines but do not use this line until NRC comments are received.	Hirst/ Herbein
2. Determine the minimum sensitivity of the Eberline detectors at the air ejector discharge.	Rusche
3. Replace the Eberline detector with a new, calibrated detector.	Wilson/ Rusche
4. Check for source of sodium shown by RCS Sample #5. Determine if there is continuing contamination.	Herbein
5. Calculate Boron concentration to be used for RCS makeup.	Wilson
6. Use the new metal containers to box filters from Auxiliary Building train "B" first.	Rusche
7. Take two condensate samples from "B" steam line; one upstream of MSIV and one downstream of MSIV.	Herbein
8. Clean up contamination of "B" OTSG before using as a heat sink.	
a. Procure tank and arrange pumps and piping to store present contents of "B" OTSG.	Rusche/ Wilson/ Hirst
b. Arrange to demineralize the contents of "B" OTSG before storage.	Rusche/ Wilson
c. Arrange a demineralizer for "B" OTSG bypass to clean up residual contamination after going solid.	Rusche/ Wilson
d. Check in-plant capacity to store liquid from "B" OTSG.	Rusche
e. Look at putting N ₂ overpressure on "B" OTSG to force liquid out.	Wilson
9. Do not change the Fuel Handling Area "B" train filters until the activity decays.	Rusche

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ACTION ITEMS

Technical Group Meeting
1800 4/25/79

- | | <u>Action</u> |
|---|------------------|
| 10. When the Auxiliary Building roof fans are run again, measure sound level in the residential area west of Route 441. | Hirst |
| 11. Provide recommendation at 0900 4/26/79 as to whether the auxiliary roof ventilation system should be placed in service or held in standby when it is ready. | Rusche |
| 12. Reactor coolant pressure/volume control system: | |
| a. Build system to Rev. 2 plans now on hand. | Cobean/
Hirst |
| b. Provide schedules and PERT network for 0900 4/26 meeting. | Cobean/
Hirst |

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NATURAL CIRCULATION INITIATION
TASK FORCE MEETING

1930 4/25/79

Most of the discussion was on the extent and effect of RCS swell during an attempt at natural circulation. It was emphasized repeatedly that sufficient mass inventory must be maintained in the RCS to avoid draining the pressurizer if an RCS pump is returned to service.

It was decided to keep close account of RCS mass inventory during an attempt at natural circulation. This will provide a good indication of whether natural circulation has occurred and will also ensure that a minimum mass inventory is maintained.

RCS pressure will be maintained at about 900 psi - the optimum pressure for starting a pump.

It was decided not to bump an RCS pump before abandoning the first attempt at natural circulation.

The draft SER was discussed briefly. V. Stello pointed out that in some ways the criteria in the report are less conservative than those of EP 32.

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PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
1.	Obtain RCS sample.	C-1		#5 obtained 4/25, shipped to B&W.	Thorpe/ Hetrick
2.	PZR Heise and diff. pressure gage.	C-1		Recalibrating	Wilson/ Broughton
3.	Obtain MEC approval.	C-1		Need ECM's 56, 109, 132, 133, 151, 152, 154, 157.	Porter/ Faulkner
4.	SSRW pumps.	C-1	"A"-In Service "B"-Available "C"-Under Repair, Parts 4/27/79		
5.	Make calculation of RAD levels that will occur in cond. Demins - if we circulate and clean "B" OTSG.	C-1		Tom Crimmens to define requirements.	Cobean/ Gunn
6.	Prepare instructions for loss of gland steam to turbine.	C-1			Morck/ Kunder
7.	Be prepared to run Existing B Decay Heat Pump on Recirc.	C-1	Expect to run 4/28		Toole
8.	A. Sample "B": OTSG for total activity. B. B Main Steam sample between MS-V-4B and stop valves. C. Take a OTSG sample.	C-1			Hopkins/ Hetrick
9.	Operations check Turbine Sump Cond Pol Sump and Waste vent tank sump to see if they go to Rad waste.		4/26		Seelinger
10.	Verify heaters operational on Vac Pump exhaust filter.		4/26		Miller/ Shovlin/ Toole
11.	Take gas sample on HPR - 221 A&B			Add sample reps	Hetrick/ Miller/ Shovlin

PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
12.	Miller/Toole make schedule for OTSG to support natural circulation.	C-1	No future turbine operations expected.		Miller/ Toole
13.	Isolate Unit #1 and Unit #2 Sample Stations.				Hetrick/ Seelinger
14.	Decision is needed on whether or not "B" OTSG is to be used.		REQ'D 1800, 4/25		Herbein
15.	PORC approve Procedures 87 and 110.		4/25		Kunder
16.	Repair 21 secondary plant leaks and mop up water.				Shovlin
17.	Look at using N ₂ pressure to drain "B" OTSG.				Kunder

PLANT MODIFICATIONS

Task	Description	Priority	Expected Completion	Status	Task Coord.
WG-2 (L-1)	Decon. water in AB using EPICOR ion exchange process.	A-1	Operational 5/11	Relay inst. process, ventilation, fire svc, Demin water, serv. air power- Need ECM 36&39.	Cobean
WG-6 (L-2)	Install storage vessels in Fuel Pool "A"	A-1	Schedule to be issued.	UE&C to relocate their equipment.	Cobean/ Gunn
WG-1	Install AB/FHB Filter system. MEC install high noise level signs.	A-2	Units 1 and 2- 4/27 Units 3 and 4- 5/1	Building completed by 5/24	Gunn/ Thorp/ Bachofer
WG-16	Provide cap for Aux. Building stack.	A-2	Turnover for test 4/26.		Gunn
TS-3C	Develop complete package for long-term cooling of OTSG "B". Use Unit #2 Demins for long-term system.	C-1	Instal. comp. 5/7	Equip. avail. 4/21	Wilson/ Cobean
TS-3D	Develop "A" OTSG long-term Layup.	C-1	4/29	GAI Plan to be issued.	Gunn
TS-10	Install 2/2500 kw diesel generators - check shipping damage - vendor. Run diesel, fill fuel system.	C-1	Run on 4/29	Instal. comp.	Cobean/ Gunn/ Toole
TS-11	Develop electrical distribution system. Install cabling and switchgear from DG's to current BOP loads requiring loss of off-site power protection.	C-1	Turnover for test 4/26	Instal. comp. 4/20	Cobean
TS-6B	Design/install make-up system for RCS.	C-1	Turnover for test 5/5	Equip. avail. 4/28	Miller/ Lilly
TS-6C	Evaluate letdown capabilities for mod. to RCS.	C-1		To be scheduled	
TS-6	RC Loop passive pressure control system.	C-2	Instal. comp. 5/5	Does not support base plan.	Gunn
TS-14	Shield for decay heat pump.	C-2		Installation to be scheduled by 4/30.	Wilson

PLANT MODIFICATIONS

Task	Description	Priority	Expected Completion	Status	Task Coord.
	Open two holes for RB purge to be used for AB air cleaning. - Should we save for RX Bldg. cleanup?				Seelinger
	Relocate #1 access to FH building on Unit #2.			Vert. ladder on loading dock.	Gunn/ Rice/ Troffer
	B&R put together set of flow prints.			Have by 4/25	Toole/B&R

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<u>Task</u>	<u>Description</u>	<u>Priority</u>	<u>Status/Date Due</u>	<u>Task Coord.</u>	<u>Note</u>
I.B.1	Decontaminate for DHR Sys. checkout	1	Complete ongoing DH Valve Room 4/ 28	Siano	
I.B.2	Install Aux Building TV Monitor System	1	In progress	"	
I.B.4	Install DHR remote ops equip.	1	Ongoing/ 4/26	"	
I.B.5	DHR flow/pressure tests	1	After decon	"	
II.A.1	ADHR (new) sys design & approval	1	Ongoing/ 4/29	"	
II.A.1	ADHR final test procedure	1	Ongoing	"	
II.A.1	Final ADHR Installation procedure	1	Ongoing / 4/24	"	
II.A.2	ADHR Procurement	1	Ongoing / 4/27	"	
II.B	ADHR Installation	1	Ongoing	"	1
	Licensing Report	1	Formal Submittal 4/27 "		

Notes:

- Excavation completion estimated to be 4/25/79
 Estimated start of Welder Qualification to be 4/27
 Oxylance training started (4/25/79) in South parking lot.
 Estimated start of West Wall Penetration will be 4/27/79.

Waste Management Group

Description	Priority	Expected Completion	Status	Task Coord.	.
Set-up to change AB/FH Bldg. vent. filters.	A-1	On hold	AB "A" In Service "B" In Progress FHB "A" In Service	Shovlin/ Bachofer	nno g ir)
Caustic spraying of Aux. Bldg. areas and sump.	A-1		Continue adding to sump.	Kraft/ Seelinger	erge/ lm
Develop plan for tying in tank farm to CAP-GUN "2".	A-1		In progress. Investigating secondary tie to tank farm.	Snyder	
Begin Waste Gas Program to determine location of leak.				Seelinger	
Develop plan for management of decontamination of radioactivity in Aux. & Cont. Bldgs.				Seelinger	
Get RB Bldg. gas sample				Miller	
Check possibility of determining containment sump level by measuring radiation at containment wall.				Levy/ Industrial Advisory Group	

INDUSTRIAL ADVISORY GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
1.	Determine method of finding leak in vent header	1+		ASAP	Lawborski
2.	Provide recommendation for alternate methods of P/V control	1		In Progress	Ackerman
11.	Instrument diagnostics	1		Continuous	Ackerman
18.	Risks/Advantages of going to Natural Circulation as is vs. Present Plan	1		In typing	Paddlefor
25.	Instrument				
	a. 12 selected TC's on recorder or computer	1		In progress	Stroupe
	b. TH & TC on recorder	1		In progress	Stroupe
26.	Review of Natural Circulation	1			Levy
27.	Determine containment response to loss of all continuous cooling	1	Completed 4/22	Completed 4/22 IA Memo 27	Theising
12.	Specifications for Reflux Boiler Test				
	a. Feasibility	2		In typing	Fornandoz
	b. Specific parameter	2		In typing	Fornandoz
13.	Water Level/Reactor P/V				
	a. Short-term	2		In progress	Ackerman
	b. Long-term	2		In progress	Ackerman
14.	Model for boron/gas in primary system	2		Being Written	Koler
19.	Time to core melt with no external cooling and removal through flooding of containment	2		Not Started	Fornandoz
22.	Plant Mod - piping and equipment	2		In progress	Lawborski
28.	Evaluate measurement of containment level by activity from outside.	2	Comp. 4/22	Completed 4/22, see close out memo IA 28	Lawborski
29.	Heat transfer from degraded core configuration.	2	Comp. 4/22	Completed 4/22, see close out memo I.A. 29	Levinson

Industry Advisory Group

Task	Description	Priority	Expected Completion	Status	Task Coord.
20.	Evaluate various alternatives to decontaminate plant; long-term.	1		Not started	Lawborski
30.	Prediction of thermo-couple reading at nat. circ.	1	completed 4/23	completed 4/23, see I.A. close out memo 30	Levy
31	Alternate pressurized level procedure for comment	1			Stroup
17			completed 4/23	completed 4/20 See close out memo IA 23	