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4/24

PLANNING MEETING

0900 4/24/79

1. Agenda, 0900, 4/24/79, Task Management/Schedule Meeting
2. Review Top Priorities List
3. Review Action Items from "1800", 4/23/79 Technical Review Meeting
4. Review Tasks Lists

A G E N D A

Task Management Schedule

0900 - 4/22/79

1. Radioactive Releases

- a. Identification and Isolation of Sources
- b. Trending at outlet of condenser air ejector
- c. Water in gas decay tank

2. Status of:

- a. Filter replacement
- b. Auxiliary Building Roof ventilation system - removable stack plug
- c. EPICOR (Cap-Gun II) Schedules
- d. Tank Farm in Unit 2 spent fuel pool
- e. Decontamination efforts/ADHER - Breathing equipment
- f. Liquid Waste Processing
- g. Preparations for RCS Sample #5 *not yet installed*
- h. Shielding of sample line
- i. Reactor coolant pressure/volume control system *base plate for TRS*
- j. Piping connections for alternate solid circulation of "B" OTSG *surge tank in the new 9F pool.*
- k. ~~Shielding of demineralizers~~ *drop.*
- l. Fire Protection pumps
- m. Procedures for going to solid cooling of OTSG *Due Wed*
- n. Alternate Pressurizer Level *Dead weight Pictor being check today.*
- o. Schedule for initiation of Natural Circulation

*Do not suggest
not a
change in certain
schedules*

*Down 2 out of
leakage on
flange*

*Eliminate the need
for 2-20: weeks*

*Don't implement any
changes if this impacts
the schedule.*

TOP PRIORITIES

Replace charcoal filters in both the Auxiliary Building and the Fuel Handling Building Filtration Systems.	A-1
Development of plan for management of radioactivity in Auxiliary and Containment Buildings.	A-1
Identify and isolate sources of iodine leakage.	A-1
Complete roof top Stack Filtration System.	A-2
Complete contingency plan for emergency cross-tie between the Auxiliary Building and the Reactor Building Filtration System.	A-2
Completion of EPICOR (CAP-GUN II) System.	A-2
Complete tank farm in Unit 2 spent fuel pool.	B-1
Development of plan for treatment of Auxiliary Building liquid waste.	B-1
Complete "B" OTSG cooling and modification (long-term).	C-1
Complete "A" OTSG cooling and modification (short-term).	C-1
Upgrade Decay Heat Removal System.	C-1
Complete calibration of alternate pressizer 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 best method for feeding Steam Generator during natural circulation.	C-1
Formation of Natural Circulation Advisory Group.	C-1
Membership and charter for Natural Circulation Advisory Group.	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

ACTION ITEMSTechnical Review Meeting

1800 4/23/79

- | | <u>Action</u> |
|--|---------------|
| 1. Try to clean up possible contamination of Eberline detector at condenser air ejector discharge. | Herbein |
| 2. Continue efforts to check sight glasses at gas decay tanks for level. Review past history of readings. | Herbein |
| 3. Fire Protection for charcoal filters | |
| a. Locally isolate fire protection to fuel handling area 'A' filter trains and to auxiliary building 'A' and 'B' filter trains. | Herbein |
| b. Instruct work crews in area to check for fire if an alarm is actuated. | Herbein |
| c. Fire protection to fuel handling area 'B' train is to be left in service. | Herbein |
| 4. Check radiation levels of fuel handling area filters. | Rusche |
| 5. First 2 auxiliary building roof ventilation system units will be in service, and checked out by 4/27. Next 2 units will be in service and checked out by 5/1. | Cobean |
| 6. Continue to expedite piping installation for EPICOR (cap gun 2). | Cobean |
| 7. RCS sample #5 | |
| a. Continue efforts to shield sampling lines. | Cobean |
| b. Identify and resolve ways in which the sampling will interfere with work in progress. | All |
| c. Be prepared to decide at 1800 4/24 to go ahead with sampling at 0500 4/25. | All |
| 8. Connections to steam and feed lines for alternate solid OTSG cooling. | |
| a. Connections to 'B' feed line and 'B' steam lines will be complete by 2400 4/28. | Cobean |
| b. Connections to 'A' feed line will be complete by 2400 4/29. | Cobean |
| c. Review design to ensure that the welds can be made with the material on hand. | Cobean |
| 9. Switch to feeding 'A' OTSG through auxiliary feed nozzles on 4/24. | Herbein |
| 10. Hold calculation of RCS makeup boron concentration until results of RCS sample #5 are available. | Wilson |
| 11. Provide shift rotation schedules to facilitate operation training. | Herbein |

PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
1.	Investigate fuel building HVAC.	A-1		In Progress	Logan
2.	Recalibrate Eberline Rad Monitor under direction of Service Rep. (HP-R219) (Vent stack)	B-1		Both monitors in service	Brummer
3.	Pump out Aux. Building elevator shaft.	B-2		Repairs completed 1500 4/23/78 Signal jumped for elevation 281	Waste Mgmt.
4.	Reduction of RCS temp (steaming through turbine)	C-1		200 rpm @ 0500 4/24/79	Broughton
5.	SSRW pump repairs	C-1		"A" - In Service "B" - Parts "C" - Disassembling "C" Pump Parts due 4/27	Miller/ Shovlin
6.	Begin Waste Gas Program to determine location of gas leaks.	C-1		#5 Sample Due	Seelinger
7.	Obtain RCS pressurized samples; review sample frequency (Broughton)	C-2		0500 4/25	Thorpe/ Hetrick/ Shift Sup.
8.	Pressurize. noise and Diff. press	C-2		Correlation Study	DeVine
9.	Boron concentration in RCS calculation.	C-2		2900 @ 2400 4/23	Broughton Shift Sup.
10.	Put thermocouples on recorder system - Incore system. Need amplifiers (30) - need 48 bridges - need priority list of what points go on which recorder.	C-2		44 on recorder. Being connected. 12 critical recorders on display 4/22	Ackerman/ Weaver
11.	Addition of Hydrazine to RCS.	C-2		Added 25 litres on 4/19	B & W/Roger Logan
12.	Obtain MEC approval and WR's (Tie in approval only.)			Need ECM's 036, 041, 052, 056, 055, 065, 069, 075, 077	Porter/ Faulkner/ Seelinger

Task	Description	Priority	Expected Completion	Status	Task Coord.
13.	Verify vacuum degasser operation.				Miller/ Logan/ Shift Sup.
14.	Need 1000 psig, 1/2 gpm hydro pump.			On order	Shovlin
15.	Caustic spraying of Aux. Bldg.			Waiting for smear in DHR room.	

PLANT MODIFICATIONS

Task	Description	Priority	Expected Completion	Status	Task Coord.
W-2 (L-1)	Decon. water in AB using CAP-GUN "2" (EPICOR).	A-1	Turnover for test 5/5	Equipment avail. 4/22	Cobean
WG-6 (L-2)	Install storage vessels in Fuel Pool "A"	A-1	4 tanks set	Turn over for Test TBS	Cobean/Gunn
TS-4	Develop complete package for measuring water level inside Reactor Building.	A-2	Heise Gauges instal. 4/12	Do not open DH-V6B until approved.	DeVine/ Cobean/ Herbein
WG-1	Install AB/FHB Filter System.	A-2	Units 1,2-4/27 Units 3,4-5/1 Turnover for test 4-26-79	Equip. avail. 4/22	Gunn
TS-13	Install and complete turnover package of electrical heaters in supply side of Aux. Bldg.	A-2	To be scheduled		Gunn
TS-13A	Develop complete package for short-term cooling of "A" OTSG	C-1	Installation comp. 5/3	Options being evaluated. Equip. avail. 4/20. On Hold.	Wilson/ Cobean
TS-10	Decide location design/ install 2-2500 KW diesel generators - check shipping damage - vendor. Run diesel, fill fuel system.	C-1	Total installation 4/27	Turnover for test 4/27/79	Cobean/ Gunn/ Toole
TS-3C	Develop complete package for long-term cooling of OTSG "B".	C-1	Equipment avail. 4/30	Turnover for test 5/3/79	Wilson/ Cobean
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	Installation comp. 4/20 Hooking substation to primary.	Turnover for test 4/26/79	Cobean
TS-6	RC loop passive and active pressure control system.	C-2	Installation comp. 5/2	Reviewing Schedule	
TS-6B	Design/Install makeup system for RCS.	C-2		Turnover for test 5/5/79	
TS-6C	Evaluate letdown capabilities for RCS modification	C-2		To be scheduled	
TS-14	Shield for decay heat pump	C-2	To be scheduled	Equip. Avail. 4/16	Wilson
WG-16	Provide cap for Aux. Building vent stack.		Installation comp. 4/26	Equip. avail. 4/22	Gunn

Waste Management Group

Task	Description	Priority	Expected Completion	Status	Task Coord.
G-5	Sat-up to change AB/FH Bldg. vent. filters - next will be FH Bldg. filter "A".	A-1	AB "A" train comp. 4/21 FHB "A" train 4/26 FHB "B" train	AB "A" train complete Changing AB "B" train 0500 4/24/79	Shovlin/ Futril/
L-5	Caustic spraying of Aux. Bldg. areas and sump.	A-1		Continue adding to sump.	Kraft/ Seelinger
L-33	Develop plan for tying in tank farm to CAP-GUN "2".	A-1		In progress. Investigating secondary tie to tank farm.	Snyder
G-31 (WG-9)	Determine air flow paths in	A-1		In progress. Operating matrix avail. 4/22	Itschner/ Robison

Technical Support

Task	Description	Priority	Expected Completion	Status	Task Coord.
TM-30	Determine what B.O.P. loads need backup elec. power.	C-1	4/24	Criteria issued 4/13; in review	Capodanno
LS-2	Tech Spec. deletions, changes, and additions for long-term cooling.	C-1	5/1	Issue 5/1/79; NRC interactions under negotiation.	Harding (Stair)
TM-32	Review with B & R work on DHR system modification.	C-1	4/24	Issue 4/22	Capodanno
TM-35	Establish long-term plant instrumentation requirements.	C-1	4/24		Croneberge Chisholm
TM-21b	Closed cooling system for OTSG "B" - long term, high press criteria.	C-1	4/24	Tentative Installation 5/10.	Capodanno
AA-61	Updated safety analysis report (B&W)	C-1	4/23	Review Report	B & W

WESTINGHOUSE

Task	Description	Priority	Expected Completion	Status	Task Coord.	Notes
I.B.1.	Decontaminate for DHR Sys. checkout	C-1	4/24 4/28	DH Vaults DH Valve Room	Siano	
I.B.2.	Install Aux. Bldg. T.V. monitor for existing DHR system.	C-1	4/22	After decon.	"	
I.B.4.	Install DHR remote operation equipment.	C-1		After decon. 4/26	"	
I.B.5.	DHR flow/pressure tests	C-1		After decon.	"	
II.A.1.	ADHR (new) system design and approval	C-1	4/24	Ongoing	"	1
II.A.1.	ADHR final test procedure	C-1		Ongoing	"	
II.A.1.	Final ADHR installation procedure	C-1	4/24	Ongoing	"	2
II.A.2.	ADHR procurement	C-1	4/27	Ongoing	"	3
II.B.	ADHR installation	C-1		No status	"	
	Licensing Report	C-1	4/20	Ongoing	"	4

- NOTES:
- (1) Exterior piping design complete 4/21; ECW skid design complete 4/21.
 - (2) Interior piping ECM submitted 4/20.
 - (3) Electrical trailer delivered and spotted 4/21.
 - (4) Licensing report currently being reviewed by GPU.

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	