

RHU

Remaining LT showed signs of failure @ ~150 2nd unit.
Therefore it has been decided that natural cure will be initiated @ 11AM.

PLANNING MEETING

0900 4/27/79

1. Agenda, 0900, 4/27/79, Task Management/Schedule Meeting
2. Review Top Priorities List
3. Review Action Items from "1800", 4/26/79 Technical Review Meeting
4. Review Tasks Lists

4/27/79

A G E N D A

Management/Schedule Meeting
0900 4/27/79

1. Radioactive Releases - Identification and Isolation of Sources

2. Status of:

- a. EPICOR (Cap-Gun II)
- b. Tank farm in Unit 2 spent fuel pool
- c. Reactor coolant pressure/volume control system
- d. Decontamination efforts - air compressors
- e. Alternate pressurizer level measurement
- f. Revision to Procedure EP 32
- g. Boron concentration for RCS makeup
- h. Feedwater connections for alternate solid circulation of "B" OTSG

*Open B SG Bypass
Lvl 1/3 open not to
exceed 2 °F above on B*

Will use EP-32 Rev 1.

*Pressure level controller
@ 250 "*

3. Recommendation on whether to place auxiliary roof ventilation system in standby.

4. Efforts to drain "B" OTSG

- a. Sample results from steam lines/OTSG
- b. Progress with draining

*- B steam generator
being buttoned up
again. Leave isolated
unless felt necessary
for steaming, so have
ready for use. Return
system to normal, no-
flow lead line*

*- Set up equivalent
lead method for B 12
bypass main line thru
drain lines.*

*Electrics on vacuum exhaust
checked in & in reasonable shape.
Not fine tuned but will use for
indication & watch 219.*

*Intercept cut in of roof
leak until PM inspection
complete.*

*Start steaming on B ~ 1045
so will be in service &
ready to 50.0 1100.*

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 4/26/79

	<u>Action</u>
1. Plot results of Marinelli beaker samples from outlet of condenser air ejector.	Herbein
2. Calibrate Eberline at the condenser air ejector and put it into service.	Herbein
3. Continue efforts to drain "B" OTSG. Hold N ₂ pressure under 5 psig. Try to hold 2 psig.	Herbein
4. Sample condensate regularly.	Herbein
5. Clean up condensate pump area.	Herbein
6. Check for leakage at fuel transfer pool lock.	Rusche
7. Look at getting compressor to pump down vent header.	Rusche
8. Fix the 1-B Reactor coolant waste evaporator.	Herbein
9. Put the 1-A Reactor coolant waste evaporator into service, processing low-level wastes.	Herbein
10. Report on preliminary plans for processing high level liquid waste at 1800 4/27.	Rusche
11. Bring pressurizer level to 250" and maintain this level.	Herbein
12. Continue to take pressurizer level readings using the Deadweight tester with the level at 250".	Wilson
13. Degas RCS by using Pressurizer sprays/heaters. Vent every shift.	Herbein
14. Plan on taking RCS Sample #6 at 0500 5/1/79 so the results will be available before the initiation of natural circulation.	Herbein

PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
1.	Obtain RCS sample.	-C-1	#6 0500, 5/01		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 Crimmins to define shielding requirements.	Cobean/ Gunn
6.	Prepare instructions for loss of gland steam to turbine.	C-1	4/27	In progress.	Floyd
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. Take a OTSG sample.	C-1	4/27	In progress.	Hopkins/ Hetrick
9.	Miller/Toole make schedule for OTSG to support natural circulation.	C-1			Miller/ Toole
10.	Isolate Unit #1 and Unit #2 Sample Stations.				Hetrick/ Seelinger
11.	Review tie in to stack for AB H&V.				Gunn/ Toole/ Thorpe
12.	Decision is needed on whether or not "B" OTSG is to be used.		Req'd 1800, 4/25		Herbein
13.	PORC approve Procedures 87 and 110. (Natural Circ.)		4/27	Resolve comments	Kunder/ Morrel

PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
14.	Repair 10 secondary plant leaks and mop up water.	.	In progress.	Cleaning up around condensate pumps.	Shovlin/ Kunder
15.	Get sec. plant sump levels down.				Kunder
16.	Drain OSTG "B" and move water to Unit #1. Process through CAP-GUN I.				Kunder
17.	Open OSTG "B" drains to condenser.				Kunder
18.	Install new rad monitor on vacuum pump exhaust. (Take one from roof and put on same point as HP-R748.				Weaver/ Kunder
19.	Fix the 1-B Reactor coolant waste evaporator (1A in service)				
20.	Degas RCS by using PZR sprays/heaters; vent every shift.				

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	Turn over for test 5/5. 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- (tested) Units 3 and 4- 5/1	Building complete by 5/24.	Gunn/ Thorpe/ Bachofer
WG-16	Provide cap for Aux. Building stack.	A-2	Turn over for test 4/27		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. 5/8	Equip. avail. 5/2	Wilson/ Cobean
TS-3D	Develop "A" OTSG long-term Lay-up.	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 5/2	Instal. comp. 4/20	Cobean/ Gunn/ Toole
TS-11	Develop electrical distribution system - 13.2 KV line.	C-1	Turn over for test 4/30. Run on 5/5.	Instal. comp. 4/20	Cobean
TS-6B	Design/install make-up system for RCS.	C-1	Turn over for test 5/5	Equip. avail. 4/28 (Schedule being revised)	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		Need design from B&R.	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.
TS-15	DH removal system by W.			Preliminary to be detailed with W.	
WG-11	Provide and install water chemistry laboratory for use in conjunction with WG-2.			Schedule to be developed 4/26/79	Lacy/ Fricke
	Open two holes for RB purge to be used for AB air cleaning. - Should we save for RX Bldg. cleanup?				Seelinger
	B&R put together set of flow prints.			Have by 4/26.	Toole/B&R

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
G-5	Set-up to change AB/FH Bldg. vent. filters.	A-1	On hold (Radiation levels)	AB "A" In Service "B" In Progress FHB "A" In Service	Shovlin/ Bachofer
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
	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

TECHNICAL SUPPORT

Task	Description	Priority	Expected Completion	Status	Task Coord.
LS-2	Tech Spec. deletions, changes, and additions for long-term cooling.	C-1	5/1	Issue 5/1/79; NRC inter-actions under negotiation.	Harding (Stair)
TM-35	Establish long-term plant instrumentation requirements.	C-1	4/27		Croneberge/ Chisholm
AA-61	Updated safety analysis report (B&W).	C-1	No Status	Review Report	B&W
EP-32	Loss of all RCP's and natural circ. available.	C-1	4/27	Revising	

<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	1
I.B.2	Install Aux Building TV Monitor System	1	In progress	"	
I.B.4	Install DHR remote ops equip.	1	Ongoing/ 4/29	"	2
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	"	
I.A.1	Final ADHR Installation procedure	1	Ongoing / 4/27	"	
II.A.2	ADHR Procurement	1	Ongoing	"	3
II.B	ADHR Installation	1	Ongoing	"	4
	Licensing Report	1	Formal Submittal 4/27	"	

- Notes:
1. First pass on DHR valve room decon completed. Activity reduced from 1 R to 180 MR
 2. Work in progress. Progress slowed by loss of one compressor in the air supply.
 3. Interior piping delivered on site. DHR skid inspection due 4/27/79...ship shortly thereafter.
 4. Excavation completed. Core drilling will replace use of oxy-lance based on preliminary test results. Wall penetration delayed to 4/30 start as a result of NRC decision to go with Core Drilling.

INDUSTRIAL ADVISORY GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
1.	Determine method of finding leak in vent header.	1+	Comp. 4/26	Close out memo IA 1	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	Comp. 4/24	IA 18	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				
	a. Loss of pump.	1	Comp. 4/26	IA 26A	Levy
	b. Instr. list.	1	Comp. 4/25	IA 26B	Levy
	c. Control of mass volume.	1	In progress		Levy
	d. Review and recommend criteria for natural circulation.	1	In progress		Levy
	e. Verification of natural circulation shrink.	1	Comp. 4/26	IA 26E	Levy
20.	Evaluate various alternatives to decontaminate plant; long-term.	1		Not started	Lawborski
31.	Alternate pressurized level procedure for comment.	1			Stroup
33.	Evaluate pressurizer volume control option w/o level instr. using make-up tank.	1	In progress		Kelly
34.	Evaluate core significance of ex-cure upper-lower ratio.	1	In progress		Zebroski/ Ackerman

INDUSTRIAL ADVISORY GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
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	Kolar
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
32.	Convective simulation of cold shutdown.	2	Comp. 4/25	IA 32	Kolar