

PLANNING MEETING

0900 5/2/79

1. Agenda, 0900, 5/2/79, Task Management/Schedule Meeting
2. Review Top Priorities List
3. Review Action Items from "1800", 5/1/79, Technical Review Meeting
4. Review Tasks Lists

5/2/79

A G E N D A

Task Management/Schedule Meeting

0900 5/2/79

- ✓ 1. Radioactive Releases
 - a) 748, 219
 - b) Vacuum draw on Auxiliary Building ventheader and drain system
- ✓ 2. Plant Status - RCS Profile
- ✓ 3. RCS Sample #6 at 0500 5/2/79
- ✓ 4. Analytical:
 - a) Feed flow necessary to maintain RCS temperatures while flashing across the bypass
 - b) Minimum secondary water flow necessary to maintain natural circulation while in solid secondary circulation
 - ~~c) Plots of in-core thermocouple readings~~ *done*
 - d) NDTT limit for RCS
 - e) Temperature limit for BWST
- ✓ 5. Recommendation of what water to store in Unit 2 SFP tank farm
- ✓ 6. Are any components/wiring for DHR letdown valves under water
- ✓ 7. Preparations for mini-flow test of existing DHR system
8. Construction Status:
 - a) EPICOR (CAP-GUN II)
 - b) Tank Farm in Unit 2 Spent Fuel Pool
 - c) Reactor Coolant Pressure/Volume Control
 - d) Alternate System for solid circulation of OTSG
 - e) Auxiliary Building roof ventilation system
 - f) DHR upgrade
 - g) Alternate Decay Heat Removal System

*report
@ 6 PM*

5/2/79

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
Develop and calibrate alternate pressurizer level transmitter.	C-1
Development of alternate system for pressure/volume control system.	C-1
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.

5/2/79

ACTION ITEMS

TECHNICAL GROUP MEETING

1700

5/1/79

ACTION

- | | |
|---|-------------------|
| 1. Measure the iodine activity in the Auxiliary Building | Herbein |
| 2. Reduce RCP seal injection to 2 GPM/Pump | Herbein |
| 3. Review turbine bypass valve characteristics | Wilson |
| 4. Rack RCP breakers open | Herbein |
| 5. Isolate cooling water to the letdown heat exchanger | Herbein |
| 6. Prepare Rev. 3 of the TMI recovery base plan for 0900 5/3 | Wilson |
| 7. Prepare a memo for review detailing instructions, precautions and sequence to be followed when throttling the turbine bypass valve and reducing RCS pressure | Wilson |
| 8. Stop draining 'B' OTSG | Herbein |
| 9. Provide analysis of benefits of draining 'B' OTSG vs leaving as is | Wilson |
| 10. Check if the DVM pressurizer level readings are currently being biased based on LT-3's indication | Wilson |
| 11. Determine if any electrical components or wiring for the DHR letdown valves are now under water | Cobean/
Wilson |
| 12. Secure the Hydrogen Recombiner | Herbein |
| 13. Survey DHR return line | Herbein |

PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
1.	Obtain RCS sample.	C-1	To be shipped 6:30 a.m. 5/2.	Sample taken, began 4:30 a.m.	Thorpe/ Hetrick
2.	PZR Heiss and diff. pressure gage.	C-1		Recalibrating	Wilson/ Broughton
3.	Obtain MEC approval.	C-1		Need ECM's 035, 133, 172, 179, 180, 191, 195, 197, 204, 206, 214.	Porter/ Faulkner
4.	SSRW pumps.	C-1	"A"-In Service "B"-Available "C"-Under Repair	Parts 5/07/79	
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	Procedure due 4/30.	In progress.	Floyd/ Kunder
7.	Be prepared to run Existing B Decay Heat Pump on Recirc.	C-1		Expect to run 5/2 a.m.	Toole
8.	Review tie-in to stack for AB H&V. No cap on stack; verify flow monitor capability. Modify filters, install damper.	A-1	Tie-In Com- plete 5/1.		Gunn/ Toole/ Thorpe
9.	Repair 4 secondary plant leaks and clean up water around cond. pumps.	B-1	In progress.	CO-V-53C FW-V4B CO-V-6A CO-V-6B	Shovlin/ Kunder
10.	Get sec. plant sump levels down.				Kunder
11.	Drain OTSG "B" and process water through CAP-GUN I.	A-1	Start 4/30.	On hold.	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	Turn over for test 5/5. Operational 5/7.		Cobean
WG-11	Water Chemistry Lab for use with CAP-GUN (WG-2).	A-1	Schedule to be revised.	Schedule to be revised.	Cobean
WG-6 (L-2)	Install storage vessels in Fuel Pool "A".	A-1	Operational by 5/7.		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 - 5/3.	Building complete by 5/4.	Gunn/ Thorpe/ Bachofer
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.	Split in FW - 2.5 days. B Team tie-in - 2.5 days.	Wilson/ Cobean
TS-10	Install 2/2500 kw diesel generators - vendor. Run diesel, fill fuel system.	C-1	Run on 5/2.	Instal. complete 4/20.	Cobean/ Gunn/ Toole
TS-11	Develop electrical distribution system - 13.2 KV line.	C-1	Turn over for test 5/3. Run on 5/8.	Inst. comp. 5/4	Cobean
TS-6B	RCS pressure control system.	C-1	Turn over for test 5/10.		Miller/ Lilly
TS-6C	Evaluate letdown capabilities for mod. to RCS.	C-1		To be scheduled	
TS-13	Install elec. heaters on Aux. Bldg. intake ducts.	A-2	Turn over for test 5/2.	Complete two (2) days after Aux. Bldg. decon.	
TS-14	Shield for decay heat pump.	C-2	Turn over for test 5/3.	Installation to be scheduled by 4/30.	Wilson

TECHNICAL SUPPORT

Task	Description	Priority	Expected Completion	Status	Task Coord.
LS-2	Tech Spec. deletions, changes, and additions for long-term cooling.	C-1	No status.	Active: NRC interactions under negotiation.	Harding (Stair)
TM-35	Establish long-term plant instrumentation requirements.	C-1	No status. Due 4/27.	Active: Being revised.	Capadanno/ Langenbach
AA-64	A. Report for cooldown on OSTG "B".	C-1	5/1	Active.	Crimmins
	B. Report for solid on OSTG "A".	C-1	5/5	Active.	Crimmins
AA-78	Evaluate options for mid-term continued operation.				
	a. Steam "B" to get natural circulation.	C-1	4/30	Active.	G. Bond
	b. Take "B" solid to get natural circulation.	C-1	4/30	Active.	G. Bond
	c. Dynamics of switching from "A" to "B", "B" to "A"; combinations of steaming and solid conditions.	C-1	4/30	Active.	G. Bond
AA-79	Define "alert levels" for various parameters.	C-1		Inactive.	J. A. Daniel

WESTINGHOUSE

Task	Description	Priority	Expected Completion	Status	Task Coord.
I.B.1	Decontaminate for DHR Sys. checkout	1	Comp. 5/1		Siano
I.B.2	Install Aux. Building TV Monitor System.	1	Comp. 5/1		Siano
I.B.4	Install DHR remote ops. equip.	1	5/2	Ongoing	Siano
I.B.5	DHR flow/pressure tests.	1	5/3	Ongoing	Siano
II.A.1	ADHR (new) sys. design and approval.	1	5/2	Ongoing	Siano
II.A.1	Find ADHR test procedure.	1	5/3	Ongoing	Siano
II.A.1	Find ADHR installation procedure.	1	5/10	Ongoing	Siano
II.A.2	ADHR Procurement.	1	Comp. 5/1		Siano
II.B	ADHR Installation.	1	5/18	Ongoing	Siano
	Licensing Report.	1	4/26	Formal submittal to GPU	Siano

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
L-10	Pursue activities on processing Unit 1 water through CAP-GUN to both provide support to insure available freeboard for Unit 2 and to develop resin formulations for Unit 2 water.	A-1		In progress.	Garman/ *Weller
L-14	Evaluate waste gas vent header leakage problems and recommend fixes depending on results.	A-1		Working per J. Seelinger's waste gas plan of 4/17/79.	McConnell/ Arthur/ *Barrett
L-36	Investigate the effects which the operations associated with reactor plant long-term cool down will have on discharge to the waste systems. Related to L-6.	C-1		In progress.	McGoey/ Ross *Collins
L-42	Development recommendations and procedure for draining and disposition of RCBT water to support plant needs to make up with degassed demin. water.	C-1			McGoey/ Ross
L-44	Evaluate system designs with Technical functions and W to assess possible interference problems from standpoint of locations, operations, maintenance, etc.	B-1		Report being prepared; delayed by higher priority tasks.	Kraft
G-1	Install AB/FHB off-gas filter system to back-up plant system.	A-1		Phase I design complete. System description is complete, start-up procedure in drafting. Preop procedure in drafting by Met-ed. UE&C supporting construction. Plan is Phase I, 2 or 4 trains running.	Montgomery/ Itchner/
	* NRC contact			(Cont.)	

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
G-1	Install AB/FHB off-gas filter system to back-up plant system.	A-1		(Cont.) Phase I schedule developed, shows 4/28 completion. Phase II & III lead to permanent system, schedule shows 5/1 operation. Noise problem requires evaluation.	Montgomery/ Itschner/ *Collins
G-5	Change out AB/FHB HVAC vent filter train charcoal bed.	A-1		Long-term storage plan under study. 35 permanent storage/shipping containers in fabrication, delivery starts 4/25. "A" and "B" trains of the AB filters and "A" train of FHB filters removed and replaced, units back in service. High radiation level in "B" train dictates delay "B" train change out.	McConnell/ Edwards
G-31	Determine air flow paths in AB/FHB.	A-1		Operating matrix being developed - available 4/22. Update scheduled 4/28.	Nawaz/ Itschner/ Robison/ *Barrett
G-32	Determine that there are no unidentified air flow paths.	A-1		Examination of plant status/configuration underway. First cust. review complete.	Nawaz/ Itschner/ Robison/ *Barrett
	* NRC contact				

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
G-34	Review overall Unit 1 and 2 AB and FHB ventilation requirements with a view towards minimum flow from Unit 2 to Unit 1.	B-1		Review underway; documentation completed.	Itschner/ Robison/ *Barrett/ *Collins
G-40	Criteria for and control tasks resulting in the evolution of contaminants that could poison charcoal filters.	A-1		20 "Red Devil" type local filtration systems on order to control welding fumes.	
L-3	Determination of leakage paths and flow rates in Unit 2 Aux. Bldg. and FHB and repair of leaks where possible. Plant has leakage ID and Status Board in Unit 2 Control Room. Pursue Plant activities associated with this.	2		Plant staff following.	Kraft/ Arthur/ *Cwalina
L-12	High level solid waste disposal investigation.	B-2		In progress.	Edwards/ *Waller/ *Collins
L-26	Perform assessment of the value and need for a closed circuit TV Monitor to provide remote indicator of radwaste panel data.	A-2		Price proposal being assessed versus decon. schedule of Aux. Bldg.	Kraft/ Lutz/ *Stoddart
L-29	Investigate reported water collection in the "B" fuel pool, obtain samples and make plans for disposition. Also investigate the preoperational condition of the fuel pool from a leakage standpoint.	B-2		Water from Unit 2 const. Sample needed.	Williams/ *Barrett
L-33	Develop a plan for tying in the tank farm to EPICOR 2.	B-2		In progress - investigating secondary tie-in.	Snider/ *Waller/ *Collins
	* NRC contact				

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
L-35	Investigate the need for a design and construction task to erect a barrier between the Unit 1 and Unit 2 Fuel Handling Bldg. to enable Unit 1 operations with Unit 2 in processing Mode.	B-2		Alternate design Unit 1 side to be submitted 4/27/79.	Williams/ *Barrett
L-37	Develop a plan for removing all radioactive gases from the systems in the AB and FHB.	B-2		Requires completion of L-14.	Ross
G-7	Condenser vacuum pump discharge filter system.	A-2		Filter operational. Investigating operating criteria. Will evaluate DF.	Robison/ Montgomer/ *Collins
G-30	Reactor Purge System Charcoal Filter Sample.	A-2		Radiation survey requested.	McConnell/ *Collins
G-33	Desensitize AB and FHB Filter Monitors.	A-2		Preliminary investigation - desensitization infeasible.	Sieg/ *Stoddart
G-36	Develop "standard" contaminated work area radiological protection system(s), including air supply, clothing, communications systems, etc., which permit best possible working conditions	B-2		Suggest tasking a Met-Ed HP, Met-Ed Maintenance, ALARA on WMG team to develop standard work package.	*Stoddart
	* NRC contact				

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
G-39	Develop and assess back-up gas filtration scheme to cross-connect the Auxiliary Building filters to the RB purge filters.	B-2		B&R has developed a concept. Second estimate scheduled shows 14 day + schedule. Heisman Co. has developed drawings. Exposure/schedule cost appears too high. Contingency plan is to open roughly filter manway if emergency ventilation of Auxiliary Building is needed.	McConnell
G-41	Develop filter management strategy.	B-2			
L-11	Investigate/develop process for eliminating Unit 2 water in RCBT's. Process planning for Unit 1 and 2. Design (conceptually) a waste processing system for Unit 2 High Level Liquid Wastes.	B-3		Detail design scheduled to start 4/25/79.	Snider/ *Weller
L-16	Low level waste (paper, rags, wood, etc.) disposal.	B-3		In progress; second compactor ordered.	Edwards/ *Weller/ *Collins
L-17	Develop CAP-GUN 3 System.	B-3		Initial planning only. Detail design scheduled to start 4/25/79.	Snider/ *Weller/ *Collins
L-20	Obtain a level measurement and a sample of water from the RB sump and basement.	B-3		Measurement using Heise gage being explored.	Ross/ *Cwalina
	* NRC contact				

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
L-22	Develop a plan for long-term cleanup to provide access to Auxiliary Bldg. for restoration activities.	B-3			Open/ *Collins
L-30	Develop plan for radiation survey in Auxiliary and Fuel Handling Bldg.	B-3			Open/ *Stoddart
G-15	Emergency RB Gas Purge Cleanup System.	A-3		On hold; no plan to implement.	Open/ *Collins
G-29	FHB Airlock.	B-3		Airlock unnecessary at this time.	Inactive/ *Barrett
* NRC contact					

INDUSTRIAL ADVISORY GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
2.	Provide recommendation for alternate methods of P/V control.	1		In progress	Ackerman
11.	Instrument diagnostics.	1		Continuous	Ackerman
20.	Evaluate various alternatives to decontaminate plant; long-term.	1		Not started	Lawborski
25.	Instrument				
	a. 12 selected TC's on recorder or computer	1		In progress	Stroupe
	b. TH & TC on recorder	1		In progress	Stroupe
34.	Evaluate core significance of ex-cure upper-lower ratio.	1	Comp. 5/1	IA 34	Zebroski/ Ackerman
37.	Switching mode and analyzing of "B" solid state with present equipment.	1	Comp. 4/29	IA 37	Buhl
39.	Need for "B" generator long-term cooling	1	Comp. 5/1	IA 39	Levy
40.	Participate in EP-32 changes.	1		In progress.	Stroupe
41.	Examine in-core thermocouple: rise and reasons for.	1	Comp. 4/30	IA 41	Buhl
42.	Options for short-term core cooling (2-3 mos.)	1		In progress	Stroupe
43.	Long-term cooling	1		In progress	Kolar
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	Comp. 4/28	IA 13	Ackerman
	b. Long-term	2	Comp. 4/28	IA 13	Ackerman
14.	Model for boron/gas in primary system.	2		Being written	Kolar

INDUSTRIAL ADVISORY GROUP

0800

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Task	Description	Priority	Expected Completion	Status	Task Coord.
19.	Time to core melt with no external cooling and removal through flooding of containment.	2		Not started	Fornandoz
22.	Plan Mod - piping and equipment.	2		In progress	Lawborski