

~~P. A. Volkmann~~
③ File

PLANNING MEETING

1300 5/7/79

1. Agenda, 1300, 5/7/79, Task Management/Schedule Meeting
2. Radioactive Releases and RCS Profile
3. Top Priorities List
4. Action Items from 1300, 5/6/79, Technical Review Meeting
5. Joint Operation Planning
6. Tasks Lists

5/7/79

1300

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A G E N D A

Task Management/Schedule Meeting

1300

5/7/79

1. Radioactive Releases
 - a. 748, 219, Auxiliary Building Fans
 - b. Vent Header and Drain Trunk
 - c. Dome Rad Monitor
2. Plant Status
 - a. RCS Profile
 - b. Plant Operations Schedule
 - RCS Solid
 - DHP 'B' Leak Test
 - DHP 'A' Test
 - c. Make-up Pump 'A' Operability
3. Containment Sump Level - Cycle DHV-6
4. Pressurizer Level
 - a. RCS solid operations
 - b. Level measurement - Heater Technique
5. Letdown Flow Change - briefing with flow diagram
6. Construction Status:
 - a. Tank Farm in Unit 2 Spent Fuel Pool - schedule impact of steam eductor ECM
 - b. Alternate System for solid circulation of OTSG
 - c. EPICOR (CAP-GUN II)
 - d. Reactor Coolant Pressure/Volume Control
 - e. Auxiliary Building roof ventilation system
 - f. Auxiliary Diesel Generators
 - g. Decay Heat Removal System Tie-Ins - Aux. Bldg. penetrations

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 measurement.	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.

ACTION ITEMS

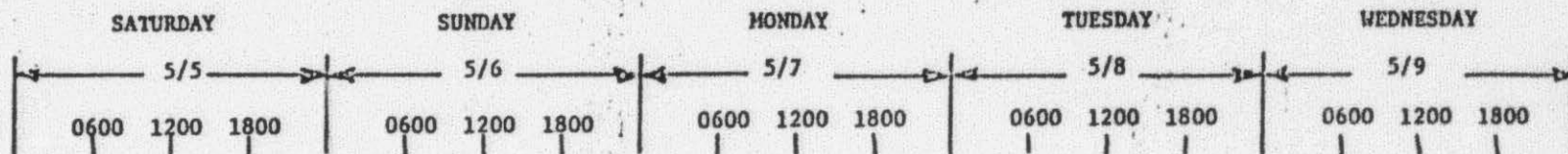
Planning Meeting

1300 5/6/79

<u>Items</u>	<u>Action</u>
1. Take the pressurizer solid for pressurizer level calibration check. Plant solid before finishing test on Decay Heat System "B". Target 5/6 before 2400.	Herbein
2. B&W to re-evaluate recommendation on boron injection concentration level in make up based on results of PZR sample 5/5 @ 1600.	Pletke
3. Next sample scheduled for Friday, 5/11/79 @ 0900 (primary letdown).	Herbein
4. Continue adding make up at 2000 until next sample.	Herbein
5. What, if any, action is required with sodium concentration determined in 5/5/79 sample?	Pletke
6. Resolve voltage requirements/supply for raising ground readings in pressurizer heaters.	Herbein/ Pletke/ Wilson
7. Be prepared to review letdown flow diagram at 5/7/79 1300 meeting.	Herbein
8. Resolve all disagreements relating to ECM approval by 2400 5/6/79 for hole drilling in Auxiliary Building wall or let Arnold, NRC, Westinghouse know why not.	Herbein
8A. Per NRC request, evaluate potential for schedule improvement for ADHRS from 6/1/79.	Lehr
9. Review starting Natural Circulation in "E" loop.	Wilson/ Pletke/ Stello
10. Resolve operational status of "A" high pressure injection pump.	Herbein
11. Don't jog DHV-6 until after 1400, 5/7/79.	Herbein
12. Decay Pump "A" Leak Test to be done after PZR solid and DHV-6 job for containment level check.	Herbein

PLANT OPERATIONS PLANNING

(As Scheduled 1300 5/6)

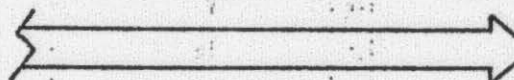
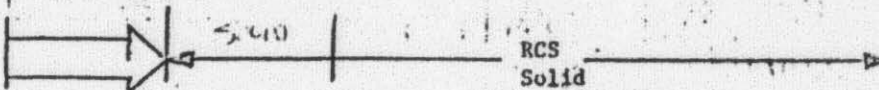


Draw PZR Sample
Completed



Decay Heat Pump 'A' - Upgrade
completed with exception vent valve operator

Take PZR Solid

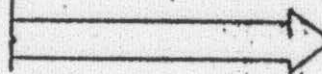


Decay Heat Pump 'B' - Leak Test



Cycle DHV-6B

Decay Heat Pump 'A'
Operability & Leak
Test



PLANT MODIFICATIONS

Task	Description	Priority	Expected Completion	Status	Task Coord.
WG-1	Install AB/FHB Filter system.	A-1	Units 1, 2, and 3 - fans operable.	System operational 5/15.	Gunn/ Thorpe/ Bachofer
WG-2 (L-1)	Decon. water in AB using EPICOR ion exchange process.	A-1	Operational 5/19.	Schedule slipping.	Cobean
WG-6 (L-2)	Install storage vessels in Fuel Pool "A".	A-1	Operational by 5/11.	Schedule slipping.	Cobean/ Gunn
WG-11	Water Chemistry Lab for use with CAP-GUN (WG-2).	A-1	System complete by 5/6.		Cobean
WG-12	Ventilation filtration system for decay heat pits.	A-1	System operational 5/6.		
TS-13	Install elec. heaters on Aux. Bldg. intake ducts.	A-2		No status.	
TS-3C	Develop complete package for long-term cooling of OTSG "B". Use Unit #2 Demins for long-term system.	C-1	System operational - 5/14. Demin. - 5/17.	Surge tank delivery is expected 5/9.	W. Mason/ Cobean
TS-6B	RCS pressure control system.	C-1	Turn over for test 5/15.		Miller/ Lilly
TS-11	Develop electrical distribution system for (2) 2500 kw diesel generators - 13.2 kv line.	C-1	Operational 5/12.	Schedule slipping.	Cobean
TS-14	Shielding for decay heat pump.	C-2	5/8	ECM not approved.	Cobean
TS-18	Temporary cart-mounted demineralizers.	C-2	To be scheduled.		Cobean

PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
1.	Obtain RCS sample (Primary letdown).	C-1	Obtain 5/11, 0900		Thorpe/ Hetrick
2.	Boron Concentration: Take PZR sample.	C-1	Obtained sample 5/5, 0900.		Kunder
3.	Obtain MEC approval (Tie-in approval only).	C-1		Need ECM's 035, 132, 133, 141, 148, 170, 172, 179, 180, 181, 182, 185, 228, 239.	Porter/ Faulkner/ Seelinger
4.	SSRW pumps.	C-1	"A"-In Service "B"-Available "C"-Available		
5.	Decay Heat System.	C-1	Hydro "B" 5/7. Hydro "A" 5/7. Cycle DHV-6 5/7.		Toole
6.	Repair secondary plant leaks and clean up water around cond. pumps.	B-1	In progress..	FW-V4B	Shovlin/ Kunder
7.	Get sec. plant sump levels down.				Kunder
8.	Isolate Unit #1 and #2 sample stations.			Need new sample sink.	Limroth/ McGoey
9.	Training on Diesel.		In progress.		Troffer/ Kunder/ Toole
10.	Training on Decay Heat.	C-1	In progress.	Resolve NRC comments.	Troffer/ Kunder/ Toole
11.	Develop balancing scheme for Aux. Bldg. HVAC.	B-1	On hold.		Toole
12.	Set up alarm system on PZR Htrs. for low-level detection.				Kunder/ Shovlin

PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
13.	Cooling water has been shut off to seal return cooler and makeup. Tank pressure and temperature are up.	A-1	Solid (1100#) @ 0100 5/7.		Kunder
14.	Sample AB/FHB charcoal beds.				Kunder
15.	SFAS disabling.			Use TP310/3.	Keaton

WESTINGHOUSE

Task	Description	Priority	Expected Completion	Status	Task Coord.
	Qualify wall penetration and grout mockup.	C-1			Siano
	Assemble ADHR skid.	C-1			Siano
	Assemble CCW skid.	C-1			Siano
	Complete elec. trailer.	C-1			Siano
	Install penetration isolation box.	C-1			Siano
	Core bore 12 holes in west wall.	C-1			Siano
	Install pipe cable penetration.	C-1			Siano
	Install 8" suction pipe.	C-1			Siano
	Install 6" pipe ("A" train).	C-1			Siano
	Install 6" pipe ("B" train).	C-1			Siano

TECHNICAL SUPPORT

Task	Description	Priority	Expected Completion	Status	Task Coord.
LS.2	Tech. Spec. and Surveillance and Bases Changes to those left deletions, additions.	1	No status.	Active: NRC interactions under negotiation.	L. W. Hardin
LS.3	Initial Reporting of Event	1	5/15 to NRC.	Active.	R. A. Lengel
TM.23	Reactor Coolant System P/V Control.	1	5/11	Active.	Cobean
TM.30	Determine what BOP loads need backup electrical power.	1	Continuing.	Draft criteria document issued 4/24.	Capodanno/ Langenbach
TM.35	Long-term plant instrumentation requirements (criteria).	1	On hold.	Criteria docu. being revised.	Capodanno/ Langenbach
AA 61.	Updated SAR	1	No status.	Draft received.	BSW
AA 66.	D. How to maintain primary boron conc.	1	No status.	Active.	GPUSC/MPR
AA 69.	Define all plant mods needed for long-term operations.	1	No status.		Croneberger
AA 80.	Analytical and Tech. Planning Support for updated procedures (EP-32, etc.).	1	No status.	Continuing.	J. A. Daniel
AA 83.	Identify critical valves and instruments which may be damaged by high sump levels.	1	5/4	Active. Prelim list available.	R. Long
AA 84.	Identify flow paths from the containment sump.	1	B&R investigating.	Active.	
AA 87.	Solid Pressurizer Analysis.	1	No status.	Active.	J. Moore
AA 96.	Boron concentration in RB sump 4/30 through 5/16.	1	No status.	Active.	J. Moore
TM.37	Installation of cartridge-type Demineralizer for clean-up of S.G. "B" secondary side.	1	ECM issued.	Revising design	Capodanno/ Langenbach
AA 1.	Letdown Flow Analysis (continuing curve development)	1	Continuing.	Active.	Met-Ed Control Room
AA 71.	Determine requirements to perform sample analysis locally.	1			

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
L-1	Design, installation, and operation of EPICOR for Unit 2.	B-1	5/14	a. Design - 97% b. Construction - 50% c. Licensing - NRC concurrence d. Operation - est. 5/14. Pipe fab. and welding crit.; approximately 50% of welds complete.	Snider/ Garman/ McCutcheon *Weller/ *Collins
L-2	Design, installation, and operation of emergency surge tanks (tank farm) in Unit 2 "A" Fuel Pool.	B-1	5/10	75% comp. piping in FHB. 30% comp. welds in AB pipe. Prefab. pipe ready for installation in AB. "A" filter train piped up and expected to be cast 5/4. 75% concrete slabs placed atop fuel pool.	Reinmann/ Snider/ *Weller/ *Collins
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/ *Bland
	* NRC contact				

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
L-36	Investigate the effects which the operations associated with reactor plant long-term cooldown 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/ *Collins
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/ *Weller
L-47	Resolve sample lab requirements versus capabilities to support EPICOR I and II operations.	B-1		Meeting held 5/1/79; resolution in progress.	Kraft
G-1	Install AB/FHB off-gas filter system to back-up plant system.	A-1		Phases I, II, and III design complete. System description and start-up procedures are complete. Stack cut-in is made. Phases II and III lead to permanent system, schedule shows 5/6 operation.	Montgomery Itschner/ *Collins
* NRC contact					

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
G-5	Change out AB/FHB HVAC vent filter train charcoal bed.	A-1		Long-term storage plan defined. 45 permanent storage/shipping containers in fabrication. 35 delivered. "A" train 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. Deluge systems secured on all renewed filter trains. Spent filter tray removal scheduled to begin 5/5.	McConnell/ Edwards/ *Weller
G-31	Determine air flow paths in AB/FHB.	A-1		Operating matrix developed and available.	Nawaz/ Itchner/ Robison/ *Weller
G-32	Determine that there are no unidentified air flow paths.	A-1		Examination of plant status/configuration underway. First cust. review complete.	Nawaz/ Itchner/ Robison/
	* NRC contact				

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
G-33	Develop plan for ventilation system operation based on fan/filter train status and on door openings and other plant operation evaluations.	B-1		Need identified to set up a plan. Control/advise on local and system ventilation practice.	Itschner/ *Stoddart
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.	*Collins
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/ *Cwalinn
L-12	High level solid waste disposal investigation.	B-2		In progress.	Pastor/ Edwards/ *Weller/ *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-27	Develop sampling plan to assess AB waste for transuranic content. Insure that Met-Ed Ops. coordinate sample requirements with ORNL to insure satisfactory analysis results.	B-2		Identified 4 samples, agreed on 3. Agreement reached on using previously taken samples from sump and bleed tanks; additional samples to be taken.	Passell/ Williams/ *Collins
	* NRC contact				

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
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		System criteria sent to B&R on 5/1/79.	Reinmann/ Snider/ *Weller/ *Collins
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.	McConnell/ 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.	McConnell/ *Collins
G-7	Condenser vacuum pump discharge filter system.	A-2		Filter operational. Investigating operating criteria. Will evaluate DF.	Robison/ Montgomery *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
	* 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 roughing filter manway if emergency ventilation of Auxiliary Building is needed.	McConnell *Lee
G-41	Develop filter management strategy.	B-2		Planning started.	Morton/ Clure/ *Bland
G-42	Develop a program to assess and monitor I release sources.	B-2		Four-part approach: 1. B&R to complete review of release candidates. 2. Pursue a tracer program to find leak. 3. Pursue an air monitoring program with SAI/EPRI to plot I levels. 4. Review local ventilation conditions to verify flow distributions.	McConnell/ Arthur/ Montgomery *Bland
* NRC contact					

WASTE MANAGEMENT GROUP

Task	Description	Priority	Expected Completion	Status	Task Coord.
L-11	Investigate/develop process for eliminating Unit 2 water in RCBT's. Process planning for Units 1 and 2. Design (conceptually) a waste processing system for Unit 2 High Level Liquid Wastes.	B-3		Proposal to be received from chem-nuclear 5/4/79.	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
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					