

7/5/79

File

TECHNICAL WORKING GROUP

1300

7/5/79

1. Agenda, 7/5/79 Technical Working Group
2. Radioactive Releases and RCS Profile
3. Top Priorities List
4. Action Items Technical Working Group 0930, 7/2/79
5. Task Lists

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A G E N D A

TECHNICAL WORKING GROUP

1300

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*420ft reach
the internal
design press.*

1. Radioactive Release

- a. 748, Auxiliary Building Fans
- b. Point Sources - Compressors, valve alley

*For Tues. mtg a status
of AB/FAB H&V systems*

2. Plant Status

- a. RCS Profile *-.5 gpm*
- b. Containment Water Level *289.4*
Reactor Building Pressure *ΔT 9-10° 17% on by-pass.*
Elect Checks - Critical Equipment
- c. Plant Operations Schedule
Sample Results -

*Press. Temp.
no coming down.
Shut off heaters down
now.
380-383*

3. Analysis

4. Pre-operational Testing

Estimated Completion

- a. Tank Farm 7/13
- b. OTSG "B" Long-Term Cooling Completed (except insulation)
(Readiness to operate)
- c. EPICOR (CAP-GUN II) 8/4
- d. RCS Pressure/Volume Control 7/27
Turnover for Testing

5. Construction Status

- a. Alternate Decay Heat Removal Turnover 7/20, valve pit 8/31

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<u>RELEASES</u>	<u>0500 7/3/79</u>	<u>0500 7/4/79</u>	<u>0500 7/5/79</u>
748	9.40 x 10 ⁻¹⁶		
HPR 220	Not in Service		
Inlet	4.84 x 10 ⁻¹¹		
Train #1	1.82 x 10 ⁻¹³		
Train #2	<2.89 x 10 ⁻¹⁴		
Train #3	<1.31 x 10 ⁻¹³		
Train #4	<9.00 x 10 ⁻¹⁴		

REACTOR COOLANT SYSTEM PROFILEPLANT STATUS

	<u>0500 7/3/79</u>		<u>0500 7/4/79</u>		<u>0500 7/5/79</u>	
	A	B	A	B	A	B
Ih	168.6	170.5	168.1	170.0	167.0	169.0
Tc	159.2	97.4	158.5	96.5	158.0	98.5
T	9.4	73.1	9.6	73.5	9.0	70.5
Tstm	156.5	127.3	155.9	125.3	154.5	123.7
PZR Level	Cal.	Solid	Solid		Solid	
	DVM	-	-		-	
R.C. Press.	Heise	-	289		286	
	DVM	330	290		290.5	
	Cavity	350	295		310	
S/G Level	400"	295"	405"	295"	410"	295"
Turb. B/P	17%	Closed	17%	Closed	17%	Closed
I.C.T.	High	270.0	268.1		267.3	
	Min.	149.5	149.6		149.2	
M.U. Temp.		139.0	140.2		137.8	

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 |
| ● 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 |
| ● Development of alternate system for pressure/volume control system. | C-1 |
| ● Complete external valve pit for ADIER 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. |

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ACTION ITEMS

TECHNICAL WORKING GROUP MEETING

0930

7/2/79

- | | |
|--|---------|
| 1. Prepare an analysis listing the items of equipment we are losing as the water level increases. Identify issues and develop integration of planning to determine trade off and sequencing. ✓ | Wilson |
| 2. Review the current rate of Boron addition and review the guidelines. ✓ | Wilson |
| 3. Review the need for taking a "Bleed Tank" sample. ✓ | Wilson |
| 4. Have Engineering review the temporary storage needs and requirements for Unit I. | Wilson |
| 5. Determine if ejectors or pumps should be in primary installation. Consider which is easier to change out if failure occurs. | Rusche |
| 6. Deliver to R. C. Arnold the daily megaring readings. | Herbein |
| 7. Don't open DHV-1 or DHV-171 until we are concerned with losing their basic operability. Have instruments in place to verify readouts. | Herbein |

In typing

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PLANT OPERATION STAFF -

Task	Description	Priority	Expected Completion	Status	Task Coord.
1.	Plant Status	A-1	On-going	Solid at approx. 290 psig.	Operation
2.	OTSG "B" Long-term Cooling	C-1	Operable	Pre-requisite list in progress. Most procedures in NRC review.	Troutman
3.	Obtain RCS Sample (Primary letdown). Obtain PZR Sample, and bleed tank samples.	C-1	On-going	Tuesday's sample (7/3) rescheduled for Thursday (7/5)	Hetrick
4.	RB Sump measurements.	A-1	7/5	Convene group if water level elev. reading is 290.5 GPU to determine maximum allowable elevation.	Kunder
5.	Critical component meggering.	A-1	On-going	Daily: D-V2, 171 CA-V-4A, weekly: same plus DH-V2 4CF-V115.	Bensel
6.	Current leak rate.	A-1		Continuing at approx. .5 gpm	Operation
7.	Pressure Volume Control System	A-1	7/27	B&R will complete engr. for remote operation in Control Room.	Moore
			7/4	Estimate of N.I.S. time for tie-in of control panel in progress.	Moore/ Elam
3.	(a) Condensate pump problems.	A-1	On-going	After GPU pressure guidance & PVCS prerequisites, ready for on-line testing. CO-P-18 end bell replacement Check CO-P-1A,C for similar wear problem. End bell ordered - 150 days. Attempt to get one already.	Maintenance
	(b) Condensate booster pump problems.	A-1	On-going	Coupling, shift damage	Smith

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PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
9.	Equipment hatch radiation measurements.	A-2	7/3	Analysis in progress.	Fisher/ Menzel
10.	Gamma Probe through RB penetration.	A-2	7/3	Analysis in progress.	Walker

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PLANT MODIFICATIONS

Task	Description	Priority	Expected Completion	Status	Task Coord.
WG-1	Install AB-FHB Filter System.	A-1	Punch list items to be completed.	System operational 5/11.	Shubert
WG-2 (L-1)	Decon. water in AB using EPICOR ion exchange process.	A-1	Punch list items to be completed.	Turned over for test 5/23.	Lacy/ Fricke
WG-6 (L-2)	Install storage vessels in Fuel Pool "A".	A-1		System operational 6/22, water transfer started 6/27.	Gibson
WG-12	Ventilation filtration system for decay heat pits.	A-1	7/12	In progress.	Shubert
TS-3C	Develop complete package for long-term cooling OTSG "B".	C-1	Punch list items to be completed.	System operational, procedures & testing in progress.	Jordan/ Lanza
TS-6B	RCS pressure volume control system.	C-1	Complete by 6/19.	Turnover to test 6/19.	Miller/ Lilly
TS-14	Shielding for decay heat pump.	C-2	7/5	Turnover for test 7/5.	Lieberman
TS-15	Westinghouse ADHR.	C-1	Turnover for test 7/15.	See Westinghouse schedule.	
WG-19	New Sample Sink-Unit 2		Turnover for test 7/20.	In progress.	Barrett/ Fricke

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Task	Description	Priority	Expected Completion	Status	Task Coord
TS-15	ADHER Installation	C-1	7/20 *	* Completion date currently under study.	
	Westinghouse Engineering Design Complete	C-1	6/25 (As Builts)	95% Complete	
	Assemble ADHER Skid	C-1	6/30	Mach. 100% complete, Elect. 35% complete.	
	Assemble CCW Skid	C-1	6/30	Mach. 100% complete, Elect. 85% complete.	
	Receive Control Trailer			On-Site	
	Install Panels & MCC in trailer	C-1	6/30		
	Complete Installation of Pipe Penetration Assemblies	C-1	Completed 6/15	100%	
	Cut 12" Header and Weld Waldolet	C-1	6/24 - 6/29	On hold.	
	Cut 10" Header and Weld Waldolet Channel A	C-1	6/24 - 6/29	On hold.	
	Cut 10" Header and Weld Waldolet	C-1	6/24 - 6/29	On hold.	
	Complete Fit up and welding of inside piping (total of 42 field welds).	C-1	6/25	In progress.	
	Complete Fit up and welding of outside piping (total of 15 field welds)	C-1	Open	Dependent upon valve pit constr.	
	Turn over to Mat-Ed (Acceptance Test)			*	
	Valve pit	C-1	8/31		

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WASTE MANAGEMENT

Task	Description	Priority	Expected Completion	Status	Task Coord.
Technical					
1.	Tank Farm	A-1			
	a) inst. of submers. pumps		Depends on eductor testing.	On-going	Staudt
	b) Proc. upper tank water to Halliburton tanks			In-progress	
7.	Hot Chem Lab in FHB	A-1		In-progress	
	a) criteria issued		7/6		Smith
	b) issue ECM (B&R)		7/13		Smith
8.	Perm Sample Sink	A-1		In-progress	
	a) criteria		7/15		Smith
	b) issue ECM(B&R)		7/22		Smith
Process					
2.	AB In-leakage	A-1	On-going	Unit 1: 0.27 gpm Unit 2: 0.47 gpm	Showalter
4.	EPICOR II	A-1			
	a) construction		7/13		McGoey
	b) start-up		7/13		McGoey
	c) procedures		6/29		McGoey
	d) training		7/14		McGoey
	e) appr. for processing		7/15		McGoey
	f) operability meeting		7/11		McGoey
	g) prerequisite list		6/28		McGoey
5.	Temporary sample sink	A-1			Devine
	a) criteria		7/3		
	b) procedures		7/2		
Disposal					
1.	Waste shipments	A-1	On-going	Unit II compacted waste - 7/6	Flynn

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