

*File*

*11:00 AM Mtg 7/17/79  
Wed on Response to  
IAL*

TECHNICAL WORKING GROUP

1400

7/17/79

10:00 AM  
*Thurs*

1. Agenda, 7/17/79 Technical Working Group
2. Radioactive Releases and RCS Profile
3. Top Priorities List
4. Action Items Technical Working Group 1000, 7/13/79
5. Task Lists

0007 343

7/17/79

City night mon 7/23  
Here on Monday  
3:30 pm.

A G E N D A

TECHNICAL WORKING GROUP

1400

7/17/79

1. Radioactive Releases

- a. 748, Auxiliary Building Fans
- b. Point Sources - Compressors, valve alley  
no work on B compressor.  
water in the unloader valve.

Varying readings  
on the inlet monitor  
AM-5

2. Plant Status

- a. RCS Profile
- b. Containment Water Level  
Reactor Building Pressure  
Elect Checks - Critical Equipment
- c. Plant Operations Schedule  
Sample Results - RCS sample today.

315  
257.16

Aug 15. DT 5

Sample in A TR  
next 2 containment  
50/44

Point sources  
movement in 4-1

3. Pre-operation Testing

Estimated Completion

- |   |                              |
|---|------------------------------|
| a. Tank Farm  | 7/16                         |
| b. OTSG "B" Long-term Cooling<br>(Readiness to operate) | Complete (except insulation) |
| c. EPICOR II (CAP-GUN)                                  | 8/4 (including bell shield)  |
| d. RCS Pressure/Volume<br>Control Turnover for testing  | 8/1                          |

No working  
for scanner  
with large  
mass of gas.

4. Construction Status

- a. Alternate Decay Heat Removal Turnover 7/31, valve pit 8/30

acceptable  
performance

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RELEASES0500 7/13/79

748  
 HPR 220 Not in Service  
 Inlet  $1.53 \times 10^{-11}$   
 Train #1  $1.28 \times 10^{-13}$   
 Train #2 No Sample  
 Train #3  $4.91 \times 10^{-14}$   
 Train #4  $4.89 \times 10^{-14}$

REACTOR COOLANT SYSTEM PROFILEPLANT STATUS

	<u>0500 7/14/79</u>		<u>0500 7/15/79</u>		<u>0500 7/16/79</u>	
	A	B	A	B	A	B
Th	167.3	168.8	168.3	170.1	167.8	170.1
Tc	158.6	122.4	159.2	102.2	159.5	96.4
$\Delta T$	8.7	48.4	9.1	67.9	8.3	73.7
Tstm	154.4	138.3	155.7	133.7	154.2	130.6
PZR Level	Cal.	Solid	Solid		Solid	
	DVM	-	-		-	
R.C. Press.	Heise	286	276		276	
	DVM	288	279		279	
	Cavity	300	280		290	
S/G Level		420" 342"	420" 345"		430" 345"	
Turb. B/P		15% Closed	15% Closed		15% Closed	
I.C.T.	Max.	268.7	269.5		269.2	
	Min.	150.8	151.0		151.1	
	Avg.	189.8	189.9		190.24	
M.U. Temp.		145.1	145.1		143.9	
Press. Temp.		384.9	384.4		384.8	

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RELEASES0500 7/17/79

748	$2.16 \times 10^{-10}$
EBR 219	$< 7.03 \times 10^{-13}$
Inlet	$1.51 \times 10^{-11}$
Train #1	$< 3.22 \times 10^{-14}$
Train #2	No Sample
Train #3	$< 3.61 \times 10^{-13}$
Train #4	$< 4.03 \times 10^{-14}$

REACTOR COOLANT SYSTEM PROFILEPLANT STATUS0500 7/17/79

	A	B
Th	167.0	169.5
Tc	158.1	99.1
$\Delta T$	8.9	70.4
Istm	163.8	129.5
PZR Level	Cal.	Solid
	DVM	-
R.C. Press.	Heise	270
	DVM	275
	Cavity	280
S/G Level	425"	350"
Turb. B/P	15%	Closed
I.C.T.	Max.	268.8
	Min.	150.5
	Avg.	182.2
M.U. Temp.		144.3
Press. Temp.		384.4

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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 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

1000

7/13/79

1. Check monitor on Number 2 train. Rusche
2. Develop written procedure on sampling and determining proper Beta-Gamma ratios. Rusche
3. Continue twice weekly motor meggering readings. Herbein
4. Check validity of the specifications on hydrogen levels and if valid, how do we keep hydrogen at specification levels. Wilson
5. Plot Sample results of OTSG "B". Hover/  
Rusche
6. Review alternatives for being in mini-decay heat system to alternate decay heat system. Wilson

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PLANT OPERATIONS 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		7/11 results in. 7/10 results in.	Hetrick
4.	RB Sump measurements.	A-1		Convene group of water level elev. reading is 290.5 GPU to determine maximum allowable elevation.	Kunder
5.	Critical component meggering.	A-1	On-going	Daily: DH-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	7/16  7/4	B&R will complete engr. for remote operation in Control Room.  Estimate of N.I.S. time for tie-in of control panel in progress.  After GPU pressure guidance & PVCS prerequisites, ready for on-line testing.	Moore  Moore/ Elam

PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
8.	(a) Condensate pump problems.	A-1	On-going	CO-P-18 end bell replacement. Check CO-P-1A,C for similar wear problems. End bell ordered - 10 days. Attempt to get one already fabricated.	Maintenan
	(b) Condensate booster pump problems.	A-1	On-going	Coupling shaft sent to GPUSC-Analysis. Roll bearing on one shaft-CO-P-2A CO-P-2C seal to be replaced.	Smith.
9.	Equipment hatch radiation measurement.	A-2	7/17	Analysis in progress.	Fisher/ Menzel
10.	Gamma Probe through RB penetration.	A-2	7/16	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		Tested 7/6/79.	Gibson
WG-12	Ventilation filtration system for decay heat pits.	A-1		On hold - Waiting for need to install.	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	Turnover to test 6/22/79.	Miller/ Lilly
TS-14	Shielding for decay heat pump.	C-2		On hold - Waiting for need to install.	Lieberman
TS-15	Westinghouse ADHR.	C-1	Turnover for test 7/31.	See Westinghouse schedule.	
WG-19	New Sample Sink - Unit 2		Turnover for test 7/20.	In progress.	Barrett/ Fricke

## WESTINGHOUSE

Task	Description	Priority	Expected Completion	Status	Task Coord.
TS-15	ADHRS Installation	C-1	7/23	* Completion date currently under study.	
	Westinghouse Engineering Design	C-1	7/30 (As Built)	95% Complete	
	Assemble ADHR Skid	C-1	7/20	Need to complete Instrument Pipe Vents & Drains	
	Assemble CCW Skid	C-1	7/20	Need to complete Instrument Pipe Vents & Drains	
	Receive Control Trailer		7/13	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 Weldolet	C-1	6/24 - 6/29	On hold.	
	Cut 10" Header and Weld Weldolet	C-1	6/24 - 6/29	On hold.	
	Cut 10" Header and Weld Weldolet	C-1	6/24 - 6/29	On hold.	
	Complete Fit up and welding of inside piping (total of 42 field welds).	C-1	7/21	gress.	
	Complete Fit up and welding of outside piping (total of 15 field welds).	C-1	7/28	Dependent upon valve pit constr	
	Turn over to Met-Ed (Acceptance Test)		7/31 *		
	Valve pit	C-1	8/30		

7/17/79

## WASTE MANAGEMENT

Task	Description	Priority	Expected Completion	Status	Task Coord.
<b>Technical</b>					
1.	Tank Farm	A-1	.		
	a) Inst. of submers. pumps		7/9	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		7/10		Smith
	b) Issue ECM (B&R)		7/18		Smith
8.	Perm Sample Sink	A-1		In-progress	
	a) Criteria		7/15		Smith
	b) Issue ECM (B&R)		7/22		Smith
<b>Process</b>					
2.	AB In-leakage	A-1	On-going	Unit 1: 1.20 gpm Unit 2: 0.60 gpm	Showalter
4.	EPICOR II	A-1			
	a) Construction		7/30		Gunn
	b) Start-up		7/24		Hawkins
	c) Procedures		7/30		Yamamoto
	d) Training		7/20		McGoey
	e) Appr. for processing		7/30		NRC
	f) Operability meeting		7/18		McGoey
	g) Process review meeting		7/13		McGoey
5.	Temporary Sample Sink	A-1			Reininger
	a) Criteria		7/10	Complete	
	b) Procedures				
	1. Flush			Hold	NRC
	2. O.P.		7/13		Hetrick
	c) Construction/Start-up		8/4		Gunn
<b>Disposal</b>					
1.	Waste Shipments	A-1	On-going		Flynn
	Particulate Filter sample shipment.		7/13		Flynn

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