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7/19/79

TECHNICAL WORKING GROUP

1000

7/19/79

1. Agenda, 7/19/79 Technical Working Group
2. Radioactive Releases and RCS Profile
3. Top Priorities List
4. Action Items Technical Working Group 1300, 7/17/79
5. Task Lists

0007 354

7/19/79 @ 7:00 AM  
The sign

13/12/65

Xc-131 -  $6.9 \times 10^{-2}$   
Xc-133 -  $2.26 \times 10^{-3}$   
Cs-137 -  $3.41 \times 10^{-5}$   
K-81 - 1.5 d  
Cs-134 -  $1.4 \times 10^{-5}$

AGENDA  
TECHNICAL WORKING GROUP  
1000  
7/19/79

Local sample 1500/08 247C I-131  
1500/08 247C I-131

Radioactive Releases

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

Handwritten notes on left margin

2. Plant Status

- ✓ a. RCS Profile *54ppm*
- ✓ b. Containment Water Level *AT ~ 30*  
Reactor Building Pressure *1.1"*  
Elect Checks - Critical Equipment  
Na OH Change - Dropping Ph *pH*
- ✓ c. Plant Operations Schedule  
Sample Results -

Tong put on Next Trk.  
13 West-4-1  
pretty well filled

it would appear  
not in the tank  
in the tank

3. Analysis

- a. Natural Circulation Loss Date

4. Pre-operation Testing

Estimated Completion

- |  |                              |
|--|------------------------------|
| a. Tank Farm   | 7/14                         |
| b. OTSG "B" Long-term Cooling (Readiness to operate) | Complete (except insulation) |
| c. EPICOR II (CAP-GUN)                               | 8/4 (including bell shield)  |
| d. RCS Pressure/Volume Control Turnover for testing  | 8/1                          |

5. Construction Status

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

255

7/19/79

RELEASES0500 7/18/790500 7/19/79

748  
 EBR 219  
 Inlet  
 Train #1  
 Train #2  
 Train #3  
 Train #4

REACTOR COOLANT SYSTEM PROFILEPLANT STATUS

	<u>0500 7/18/79</u>		<u>0500 7/19/79</u>	
	A	B	A	B
Th	166.6	168.6	166.7	168.9
Tc	158.3	102.2	157.9	100.0
$\Delta T$	8.3	66.4	8.8	68.9
Tstm	152.9	130.6	152.9	130.1
PZR Level	Cal.	Solid	Solid	
	DVM	-	-	
R.C. Press.	Heise	272	277	
	DVM	276	281	
	Cavity	280	290	
S/G Level	425"	345"	415"	350"
Turb. B/P	15%	Closed	15%	Closed
I.C.T.	Max.	267.5	267.4	
	Min.	149.9	149.8	
	Avg.	188.5	186.2	
M.U. Temp.		144.6	143.0	
Press. Temp.		385.9	384.0	

200-256

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.

7/19/79

ACTION ITEMS

Technical Group Meeting  
1300 7/17/79

1. Check inconsistant readings on Inlet #5 monitor. Rusche
2. Update calculation of the  $\Delta T$  where natural circulation is lost and the schedule when this  $\Delta T$  will be reached. Wilson
3. Check whether waste gas tank will be vented on 7/17. Rusche
4. Re-plot pH indications to determine if pH is near the B&W low recommendations. Rusche
5. Determine if sodium hydroxide additions should be changed because of dropping pH. Wilson/  
Rusche
6. Determine if any other causes besides leakage are the reason for dropping pH. Wilson
7. Determine if Tank Farm is completely empty. Rusche
3. Check and report on updated schedules for water movements (developed by McGoey). Rusche
9. Outline the operator training program of EPICOR II for presentation to PA State Review Meeting on 7/23. Rusche
10. Report on natural lead times and engineering for remote water pressure indicator and nitrogen bottle pressure indicator on RCS Pressure/Volume Control System. Lane
11. Report existing ADHR operation procedures to Met-Ed Plant Operations. Joyner
12. Report on possibility of typing in ADHR using two 12-hour shifts instead of three 8-hour shifts. Wilson/  
Rusche

0007 359

PLANT OPERATIONS STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
1.	Plant Status	A-1	On-going	Solid at approx. 290 psig.	Operations
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			Hetrick
4.	R3 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	Operations
7.	Pressure Volume Control System	A-1	7/16	Complete installation for remote operation 7/31.	Start-up
			7/4	Determination on how to reduce rad. levels due 7/20.	McGoey

207 359

7/19/79

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 - 150 days. Attempt to get one already fabricated.	Maintenanc
	(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	Technical data report to be issued 7/17.	Fisher/ Menzel

0007 760

7/19/79

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

2003 001



7/19/79

WESTINGHOUSE

Task	Description	Priority	Expected Completion	Status	Task Coord.
TS-15	ADHRS Installation	C-1	7/28	* Completion date currently under study.	
	Westinghouse Engineering Design	C-1	7/30 (As Builds)	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	In progress.	
	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		

2008 002

WASTE MANAGEMENT

Task	Description	Priority	Expected Completion	Status	Task Coord.
<b>Technical</b>					
1.	Tank Farm	A-1			
	a. Additional shielding		7/16		Gunn
	b. Flow meter		7/20		Devine
	c. Training		7/20		Kunder
	d. Chem-Nuc Design Regts.		7/18		Devine
	e. Eductor chang-out proc.		-	Hold	Lane
7.	Hot Chem Lab in FHB	A-1		In-progress	
	a. Criteria comments		7/18		Smith
	b. Prelim. Engineering		8-2		Lane
8.	Perm Sample Sink	A-1		In-progress	
	a. Criteria		7/16		Smith
	b. Criteria comments		7/22		Devine
	c. Prelim. Engineering		8/4		Lane
<b>Process</b>					
2.	AB In-leakage	A-1	On-going	Unit 1: 1.24 gpm Unit 2: 0.42 gpm (7-day aver.)	McGoey
4.	EPICOR II Operability Program	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
	h. Winterize		7/20		McGoey

2008 003

WASTE MANAGEMENT

Task	Description	Priority	Expected Completion	Status	Task Coord.
5.	Temporary Sample Sink	A-1			Reininger
	a. Criteria		7/10	Complete	
	b. Procedures				
	1. Flush			Hold	NRC
	2. O.P.		7/13		Herrick
	c. Construction/Start-up		8/4		Gunn
Disposal					
1.	Waste Shipments	A-1	On-going		Flynn
	FH test sample		7/19		

2008 004