

7/12/79

File

Collins

7

TECHNICAL WORKING GROUP

1530

7/13/79

1. Agenda, 7/13/79 Technical Working Group
2. Radioactive Releases and RCS Profile
3. Top Priorities List
4. Action Items Technical Working Group 1000, 7/10/79
5. Task Lists

0007 329

A G E N D A

TECHNICAL WORKING GROUP

1530 7/13/79

1. Radioactive Releases

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

2. Plant Status

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

3. Pre-operation TestingEstimated Completion

- | | |
|---|------------------------------|
| a. Tank Farm | 7/13 |
| b. CTSG "B" Long-Term Cooling
(Readiness to operate) | Complete (except insulation) |
| c. EPICOR II (CAP-GUN) | 8/6 |
| d. RCS Pressure/Volume
Control Turnover for Testing | 7/27 |

4. Construction Status

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

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.

0007 331

ACTION ITEMS

Technical Working Group Meeting
1000 7/10/79

1. Examine pre-filters in Fuel Handling and Auxiliary Building Ventilation systems for Beta emissions. Rusche
2. Engineering provide assistance to Waste Management in identifying airborne emissions. Wilson
3. Engineering review with operations the method of determining ΔT from T_h and T_c . Wilson/
Herbein
4. Provide Task Management with data on strontium for RCS sample chart. Rusche/
Hover
5. Prepare punch list for tank farm start up. Rusche
6. Engineering arrange a meeting with B&W and Westinghouse to review tie-in of mini decay heat system. Wilson

0007 332

*File***TECHNICAL WORKING GROUP**

1530

7/13/79

1. **Agenda, 7/13/79 Technical Working Group**
2. **Radioactive Releases and RCS Profile**
3. **Top Priorities List**
4. **Action Items Technical Working Group 1000, 7/10/79**
5. **Task Lists**

0007 333

As temp goes down we will lose natural circulation ~ 5 ΔT.
16% Cloud.

AGENDA

TECHNICAL WORKING GROUP

1530

7/13/79

Get more sample over the weekend.

1. Radioactive Releases

- ✓ a. 748, Auxiliary Building Fans
- ✓ b. Point Sources - Compressors, valve alley
WG Decay tanks equalized

"B" will be test by Wed and a determination made as to whether it should be pulled out.

2. Plant Status

- ✓ a. RCS Profile
- ✓ b. Containment Water Level *289.4*
 - ✓ Reactor Building Pressure
 - ✓ Elect Checks - Critical Equipment
- ✓ c. Plant Operations Schedule
- ✓ Sample Results -

*ORNL -
Recommendation
a pre filter for
tank farm.*

3. Pre-operation Testing

Estimated Completion

- | | |
|---|------------------------------|
| ✓ a. Tank Farm | 7/13 |
| ✓ b. OTSG "B" Long-Term Cooling
(Readiness to operate) | Complete (except insulation) |
| ✓ c. EPICOR II (CAP-GUN) | 8/6 |
| ✓ d. RCS Pressure/Volume
Control Turnover for Testing | 7/27 |

*Run or recirc
over weekend
to prove if we
can draw a
sample.*

4. Construction Status

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

<u>RELEASES</u>	<u>0500 7/10/79</u>	<u>0500 7/12/79</u>	<u>0500 7/13/79</u>
748	8.62 x 10 ⁻¹¹		-
HPR 220	Not in Service		Not in Service
Inlet	1.74 x 10 ⁻¹¹		1.53 x 10 ⁻¹¹
Train #1	5.30 x 10 ⁻¹⁴		1.28 x 10 ⁻¹³
Train #2	No Sample		No Sample
Train #3	3.81 x 10 ⁻¹⁴		4.91 x 10 ⁻¹⁴
Train #4	1.18 x 10 ⁻¹³		4.89 x 10 ⁻¹⁴

REACTOR COOLANT SYSTEM PROFILE

PLANT STATUS

	<u>0500 7/11/79</u>		<u>0500 7/12/79</u>		<u>0500 7/13/79</u>	
	A	B	A	B	A	B
Th	168.8	171.0	168.4	170.5	168.0	170.1
Tc	160.2	103.1	159.5	101.2	159.5	100.8
Δ T	10.25	67.9	10.65	69.3	8.5	69.3
Tstm	155.70	131.9	155.6	131.2	155.4	131.0
PZR Level	Cal.	Solid	Solid		Solid	
	DVM	-	-		-	
R.C. Press.	Haise	265	271		272	
	DVM	268	287		274	
	Cavity	275	290		275	
S/G Level	425"	335"	424"	340"	418"	340"
Turb. B/P	16%	Closed	16%	Closed	15%	Closed
I.C.T.	Max.	269.2	268.6		269.6	
	Min.	151.5	151.3		151.3	
	Avg.	192.0	143.0		190.6	
M.U. Temp.		140.9	143.0		143.9	

007 335

Press. Temp. 379.5 384.8 386.5

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.

2007 336

ACTION ITEMS

Technical Working Group Meeting
1000 7/10/79

- 1. Examine pre-filters in Fuel Handling and Auxiliary Building Ventilation systems for Beta emissions. Rusche
- 2. Engineering provide assistance to Waste Management in identifying airborne emissions. Wilson
- 3. Engineering review with operations the method of determining ΔT from Th and Tc. Wilson/Herbein
- 4. Provide Task Management with data on strontium for RCS sample chart. Rusche/Hover
- 5. Prepare punch list for tank farm start up. Rusche
- 6. Engineering arrange a meeting with B&W and Westinghouse to review tie-in of mini decay heat system. Wilson

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

0007-338

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		7/11 results in. 7/10 results in.	Batricks
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	Operations
7.	Pressure Volume Control System	A-1	7/13	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
				After GPU pressure guidance & PVCS prerequisites, ready for on-line testing.	

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	7/13	Analysis in progress.	Fisher/ Menzel
10.	Gamma Probe through EB penetration.	A-2	7/13	Analysis in progress.	Walker

007 340

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 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	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		

007 341

WASTE MANAGEMENT

Task	Description	Priority	Expected Completion	Status	Task Coord.
Technical					
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)		7/13		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: 0.48 gpm Unit 2: 0.09 gpm	Showalter
4.	EPICOR II	A-1			
	a) Construction		7/13		McGoey
	b) Start-up		7/13		McGoey
	c) Procedures		7/13		McGoey
	d) Training		7/14		McGoey
	e) Appr. for processing		7/30		McGoey
	f) Operability meeting		7/11		McGoey
	g) Process review meeting		7/14		McGoey
5.	Temporary Sample Sink	A-1			Devine
	a) Criteria		7/10		
	b) Procedures				
	1. Flush			Hold	
	2. O.P.		7/13		Hetrick
	c) Construction/Start-up		8/4		
Disposal					
1.	Waste shipments	A-1	On-going		Flynn
	HCS Sample shipments		7/13		Flynn