UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

April 9, 1979

NOTE TO: Roger Mattson
Dick Vollmer
Bryan Grimes

Please give me any notes appropriate to attached material by 6:00 P.M. today.

Vic Stello

Attachment:
Planning Mtg -
4/9/79

cc: IE (2)

7905230081

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Planning Meeting 4/9/79

1. Review overdue action items from 4/8 Tech. Mgt. Meeting.
2. Review "Items Due by 0800, 4/9/79."
3. Distribute and discuss:
   a. "0800, 4/9/79 Task Lists"
   b. 4/9/79 "72-Hour Lists"
4. Excess water
   - identify/isolate leaks
   - build tank farm
5. Need Westinghouse schedule for DHR.

Actions Items
Tech. Mgt. Meeting
1700 4/8

	Action
1. Develop liquid waste transfer procedure. Modify currently available one if possible.	Cobean Herbein
- preferred method: containment sump directly to Aux. Bldg. sump tank.	Wilson
- Stop at 2 R/Hr. in piping; re-evaluate.	
2. CAP-CO II processing system to be available Thursday.	Cobean Palmer
3. Plant Mod descriptions (for NRC) to be available by 2400.	Cobean Palmer
4. Aux. Building & Fuel Handling Building filter changing schedule to be available by 1900.	Palmer
5. Determine method for determining containment sump liquid level: meeting at 2030 (Aux. Building has priority).	Cobean Wilson
6. Schedule for redundant Aux. Building filter system at 2000. (Equipment has arrived.)	Palmer
7. Clean-up system for condensor air ejector discharge (HEPA, charcoal filters & heaters):	
- Deliver package to plant ops: 1800	Cobean
- Plant ops review and sign off: 2400	Herbein
8. NRC release needed on increase in boron concentration.	B&W NRC
9. Assume that NRC has until Saturday, 4/14 to review safety analysis report.	

Actions Items
Tech. Mgt. Meeting
1700 4/8

	Action
10. Plant Ops needs the following support from B&W:	B&W
a) Procedure for what to do if we lose level indication in "A" S.G.	Wilson
b) What action should be taken regarding make-up to "B" generator.	
- Site has procedure transmitters on way.	
11. Provide Bob Arnold with history of sampling secondary side of "B" generator by 2200.	Herbein

Items due by 0800 4/9/79

IAG

Provide Summary of completed items.

TS

List of completion dates for Pri. 1 tasks.

Determine method for determining containment sump liquid level.

Develop procedure to measure gas level by MU Tank Pressure.

Waste Management

Identify storage required for liquid waste.

Provide due dates for all tasks.

Provide filter changing schedule.

PH. Mod.

Provide alternates for solid SG cooling system.

Deliver final package for air ejector discharge filters.

Locate and design (2) 2500 kW diesel generators.

PH. Ops

Determine source of leakage in Aux. Bldg.

Update emergency plan.

Obtain power range reading.

Provide list of bypassed interlocks.

Review and sign off air ejector filter package.

Provide history of sampling secondary side.

Repair fitting on make-up tank.

Calibrate Heise Gauge.

Draw pressurized and degassed primary samples.

Qualify 5 men to enter Aux. Building.

Establish waste czar.

B&W

List of Critical Systems for present condition.

Analysis of In-core thermocouples during LOF on 4/6

Provide minimum allowable RCS pressure for degassing.

What action should be taken regarding make-up to B Generator.

Analysis of what gas conc. in primary should be.

Provide stress analysis for generator (Point B to C)

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72-HOUR LIST

ISLAND PLT OPS

Depressurize

Return to 1000 PSI

Measure Gas Level via Make-Up Tank Pressure Based on TS Procedure

Reactor Cooldown to 220 F. Steaming

Calib. Gauge/Obtain Coolant Sample

Obtain Sample of Unit 2 Liquid Waste Tanks

Restore Pressurizer Heaters

Repair Fitting on Makeup Tank to Reactor Building

Clear Southend of Warehouse

WASTE MGT.

Process Unit 1 Low Level Liquid through Cap-Gun

Change Existing AB Filters

72-HOUR LIST

4/9 4/10 4/11 4/12

PLT MODS - CONST

Remove Unit 2 Fuel Racks

Install Main Cond. Vac. Pump Filters

Install Vent Stack Monitor

Install Diesel Driven Instr. Air Comp.

AB/FH Filter
- Staging ?
- Steel Foundation ?
- Duct
- Filter/Fan

B&W

Noise Analysis during Degassing

Core Analysis

Industry Advisory Group

Task	Description	Priority	Status/Date Due	Lead Man
1	Recommend if Pri. sample worth exposure	H	Complete Documented?	Levenson
2	Provide recommendation for alternative methods of P/V control	H		
3	Evaluate fire in containment	H	Complete Documented?	
4	Provide documentation of completed items	M	Ongoing*	

*Items Overdue.

Technical Support Group

Task	Description	Priority	Status/Date Due	Lead Man
1	Provide additional boiler capacity	L	4/10	
2	Develop procedure for limiting containment vacuum	M	4/10	
3	Evaluate need for backup HPI pump (Hydrolaser)	M	4/10	
4	Provide estimate of required HPI flow for 200 to 250 psi (degenerated state)	M	4/10	
5	Reconstruction of event			
6	Increments for pressure decrease	H	Complete	Devine
7	How to measure rate of degas	M		Devine
8	Increase Letdown flow	H	Complete	Devine
9	Investigate the use of sample line to degas	M		Devine
10	Calculate Reactor Coolant System spray flow	M		Wallace
11	Radiation monitor system desensitization	M		Devine
12	Construct brick wall at Unit 1 HX Vault	M		McGuoy

Technical Support Group

Task	Description	Priority	Status/Date Due	Lead Man
13	Provide degeneration procedures A. Fire in Containment B. Fire in Auxiliary C. Fire in other areas D. Evacuation of control room E. Breach of waste systems			
14	Work with B&W to determine procedure to determine gas concentration. Determine leak paths.	H	1200 4/8*	
15	Mass Balance			
16	Primary water into Aux. Bldg.			
17	MPR analysis of water hammer		1000 4/9	
18	Procedure for taking "A" S/G solid		4/10	
19	Analysis of solid secondary problems		4/11	
20	Contingency Plan for site evacuation		4/19	
21	Updated plan for emergency transfer to natural circulation		4/10	
22	Plan for near term NRC interaction	H		L. W. Harding
23	Receive and disseminate reduced plant data	H		R. Long
24	Fire in plant areas procedure	H		Klingaman

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*Items Overdue.

Technical Support Group

Task	Description	Priority	Status/Date Due	Lead Man
25	Evacuation of Control Room procedure	H		Crimmins/ Cunningham
26	Procedure for loss of SG heat sink	H		Broughton/ Pope
27	Procedure for determining gas level in RCS by M/V tank pressure increase	H		Broughton/ Lowe
28	"B" SG Closed Cooling System. Criteria/approval (P.B.8.a.)	H		Slear
29	Back-up Reactor Pressure Control System (active). Criteria/approval (P.B.4.) (P.C.4.)	H		Slear
30	Reduce water level in Reactor Building - Criteria	H		Slear
31	System to measure water level in Reactor Building. Criteria/approval	H		C. Capodanno
32	Boron Concentration recommendation in Reactor Coolant System	H		
33	Provide criteria for determining if natural circulation is not achieved from results of instrumentation.	H	Natural circulation analysis in progress at B&W, EI, W, and IG&G and GPUSC	T. Crimmins/ Cunningham

Plant Operations

Task	Description	Priority	Status/Date Due	Lead Man
1D	Verify let-down valve alignment of make-up system	H	4/8	Miller
1E	Restore Pressurizer Heater	H	Ongoing	Porter
2B	Determine urgency reqt. for primary sample		Complete	Herbein
3	Improve TLD methods limit exposures	H	Complete	Grayber/ Bachofer
4	Determine source of high Iodine-AB elevator	H	4/8*	Miller
6	Repair fitting on make-up tank to reactor bldg.	H	*	Miller
11	Qualify 5 men to enter Aux. Bldg.	H	*	Limroth
14	Clear south end warehouse	M		Gunn
16	Design/Install filters at vacuum pump discharge	M		Gunn
19A	Control/room Island access 1st	M		Limroth
B	Security	M		Stacy
C	Fire-fighting readiness/procedures	M		Miller
22A	Develop list of Plant changes	M		Miller
B	Establish control room change control log	M		Miller
H16A				
H16A	Define Organization and Charter	M		Troffer
B	Develop list - Backfit to 3/28 trip	M		Porter/Troffer

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*Items Overdue.

Plant Operations

Task	Description	Priority	Status/Date Due	Lead Man
23	Procedure for Plant condition upon evacuation. Update emergency plan	H		Miller
15	Install portable IWT system	M		Gunn
	Draw primary sample	H	4/8*	
	Obtain readings from 8 chambers of Power Range	H	4/8*	
	Obtain "B" OTSG Sample	H	4/7*	Miller/ Shift Supt.
	Provide list of interlocks being bypassed	H	1200* 4/8	
	Water out of sump			
H15	Ensure tagging and valve positioning to maintain containment integrity	H		Miller/ Shift Supt.
H19	Prepare Organization charts:	M		
	Maint.			B. Shoolin
	Manpower			C. Colitry
	Quality Control			D. Troffer
	Security			E. Stacy
	TWG Incl. S/U rqmts.			A. Toole/Nelson
H23	Calculate curie release parameters to ensure acceptable limits. Prepare sample procedure for air/liquid release rates - in/out plant	M		Graber/ Porter/ Faulkner

*Items Overdue.

Plant Operations

Task	Description	Priority	Status/Date Due	Lead Man
H7B	Determine when W can access Aux. Bldg. Notify Gunn/ Cobean			Limroth
H5B	Supply list of pressure instrument on Rx vessel - span - actual reading - preferred instrument			
H4 A.	Establish spill ctrl. procedure			Limroth
B.	Provide organization set-up on Turb. Bldg. Operating floor			Graker
C.	Get Geli set-up at south bridge			Graker
H3A	Take primary sample to evaluate core conditions	H+		Miller/ Staff Supt.
H6A	Arrange MSA to test new filters - (DOP test)	M		Gunn/Graker/ Palmer
H1C	Review ventilation effects when FH o/s door is opened - also survey request by HP	H		Limroth

Waste Management Group

Liquid Waste

Task	Description	Priority	Status/Date Due	Lead Man
11	Tank Inventory Status	H	Underway	McGoey - Plant Opr.
23	Assessment CAP-GUN system	H	Underway	McGoey - Tornes
14	Arrangement Study-RB Contaminated Water	M		
18	Flush System for AB Components	M		
8	Determine Leakage Paths from Unit 2 to Unit 1	L		
16	D/C Liquid Wastes Processing System	Long Term		
19	Additive to Primary Water	Long Term		
21	Reactor Building Sump Level Measurement	Long Term		

Gas Waste

Task	Description	Priority	Status/Date Due	Lead Man
1	AB & FHB Filter Trains	H	Underway	Hirst/Dorn
4	Evaluate and Upgrade Gas Release Monitors	H	Underway	Yarborough
5	Replace Charcoal Filters	H	Underway	Pavlick/ Fitrell
15	D/C Emergency RB Gas Purge Clean-up System	H	Underway	B&R

Waste Management Group

Gas Waste

Task	Description	Priority	Status/Date Due	Lead Man
7	Condensor Off-Gas Discharge Filter	M	Underway	Hirst
9	Preheaters to FHB Vent Filters	M		
10	Preheaters to FHB Vent Filters	M		

General

20	Develop Waste Management Game Plan	Long Term		Palmer
24	Organize an Integrated QA'd Radiation Survey	H		Lee/Palmer
	Sample AB/FH Bldg. for filter replacement indicating acceptable operation	H		McConnell
	Provide alternate set of filters	M		McConnell
	Determine best solution to be used in Aux. Bldg. to maintain acceptable iodine limits	H	Complete	McConnell
	Design Shield Wall at condensate demineralizers	M		McConnell
	Provide 1 page description of each Plt Mod.		1600* 4/8	
	Obtain water sample from Unit 2 Containment Sump	H		
	Prepare contingency plan for Direct Water Transfer from U-2 to Fuel Pool	M		

*Items Overdue.

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Waste Management Group

General

Task	Description	Priority	Status/Date Due	Lead Man
	Determine disposition of water:			
	short term	H		
	medium term	H		
	Determine sources of leakage to environment	H		
	Provide Filter Changing Schedule	H	0800 4/9*	
	Tank Farm in Fuel Pool "A"	H	Design underway	Snyder

*Items Overdue.

Plant Modifications

Task	Description	Priority	Status/Date Due	Lead Man
WG-1	Install new AB/FH filter/structure Tie-in to HVAC		4/1	
WG-2	Decon. Aux. Bldg. using cap-gun Ion exchange process	H	4/16	Frickle, Shlosher, Squilauti
TS-1	Recommend methods to improve reliability of implant electrical supply	H	4/11	
TS-2	Develop package for secondary side cooling of S/G's	H	4/12	
TS-3	Develop package for use of secondary services cooler		4/10	
TS-4	Design system for measuring water level in containment	L	4/10	
TS-5	Develop method for flooding containment with 10^6 ft^3 of water	L	4/10	
TS-6	Design/install system for pressure make-up control of RCS	H	4/10	
1063	Design/procure HEPA and charcoal filters for condenser VP discharge Install same		Complete 4/8*	
1064	Review S/G cool-down scheme for reliability		Complete	
1082	Recommend portable filters for Aux. Bldg. (location, type, power source, etc.)		Complete	

*Items Overdue.

Plant Modifications

Task	Description	Priority	Status/Date Due	Lead Man
1085	Design temporary shielding covers for DHR pits		On schedule complete 4/7	
1103 (?)	Evaluate line-up to use one decay heat and one spray pump		On Hold	
1004	Get design for waste gas to Cont. Bldg.		Complete	
1108	Review B&W natural circulation cooldown proc.		Complete	
19	Determine Aux. Bldg. TV locations to monitor DHR components (Mark up General Arr.)		Complete	
39	Provide electrical power supply for cross connecting RB with FHB purge filters		80% on hold since not needed for 2 weeks.	
45	Determine leakage paths Unit 2--Unit 1		Complete	
52	Design supports for Cond. H line to surface condenser H hot CO-C-IB to make it as seismically capable as feasible		John Lucena to arrive site 4/7 with sketches calcs	
53	Investigate supply of new charcoal trays for Aux. purge in fuel handling system		Complete	
56	Examine 1E diesel generator to determine if BOP loads can be added		Initiated 4/4	

Plant Modifications

Task	Description	Priority	Status/Date Due	Lead Man
64	Review alternate cooling source for secondary		Initiated 4/4	
65	Design waste gas system for pump down of RB to fuel pool		Initiated 4/4	
63	Supports for M.S. system in Turbine bldg. when filled (related to #52)			
66	Location for secondary plant diesel		Assigned 4/4	
70	Max P&T for DHR downstream of Valve DH-V3		Assigned 4/5	
73	Back-up Power Source for secondary plant loads		Assigned 4/5	
74	Review fire protection for charcoal filter		Complete	
	Design/Fab/Install shield plugs at DH vaults	M		
	Provide 1 page description of each PH modification	H	Complete	
	Static and active level control criteria	H	4/10	

Plant Modifications

Task	Description	Priority	Status/Date Due	Lead Man
TS-7	Augment instrument air system (design)		Completed	
TS-8	Design/install aircraft hardened decay heat system housing	H	Design - 4/20 Install - 5/31	
TS-9	Procure/erect augmented instrument air system		4/10	
TS-10	Locate and design (2) 2500 kW diesel generators		4/8*	
TS-11	Develop Electrical Distribution System. Install cable/ switchgear (2) 2500 kW diesel generators		4/10	
WG-3	Containment vent stack monitor HPR-219 recovery system		4/10	
WG-4	Prepare status board		4/8*	
WG-5	Determine decrease in structural margin for the Aux. Bldg. (Aircraft impact)		4/11	
WG-6	Install storage vessels - fuel storage pool of Unit 2 (Pool "A")		4/10	

*Items Overdue.

Items in next 72 hours 4/3/79 DHR

1. Clean up under	ANNEX	GPU
2. Decontaminate A/B	~~Entry~~ entry approval	GPU
3. Define/Procure Temporary Shielding		(W)
4. ~~Complete~~ PPG Design	PIPING	(W)
5 " " Procurement		(W)
6. Order Support Material		(W)
7. Design Air lock		GPU (?)
8. Flow test ~~Isolated~~ existing DH Sys	Pressure	GPU
7A. Submit recommendations of testing existing DH Sys		(W)
9 Design, Specify location for temp welding Supports		(W)
10 Arrange for Welders		(W)
11 Determine Inspection needs		(W)
12 Complete pipe support design		(W)
13 Procure/EXPEDITE SPECIAL BONNET FOR VELAN VALVE		(W)
14 VACUUM/CUTTING EQUIPMENT PROCUREMENT		(W)
15 Establish QA ~~Procedure~~ Procedure		(W)
16 Complete design portable decay heat System		(W)

Mike Sieng

T63 199

B & W

Task	Description	Priority	Status/Date Due	Lead Man
1	Analysis of gas conc. in Primary System	H	4/8*	
2	Provide list of critical systems for present conditions	H	4/8*	
3	Analyze In-core thermocouples during LOF/ON 4/6	H	Complete - Traces provide no useful info. Documented?	
4	Provide minimum allowable RCS pressure for degassing	H	4/8*	
5	Provide stress Analysis for generator (points BtoC)	H	4/9*	
6	Determine minimum primary system pressure (point D, Base Plan)	M	4/9*	
7	Provide noise analysis of pressure during degassing	H	4/7-4/8*	
8	Document of sequence of Plant conditions in base plan	L		
9	Develop procedure to determine pressurizer level using Heise Gauge	H	4/9*	Rogers
10	Develop procedure for cooldown using OTSG's on natural circulation	H	4/8*	Rogers
11	Core Analysis Program A. Thermocouples from Incores B. Neutron signals from Incores	M	4/10	Rogers

*Items Overdue.

B & W

Task	Description	Priority	Status/Date Due	Lead Man
12	Provide safety analysis showing long-term cooling is safe, maintainable, etc. (NRC Review)	H	4/11	
13	Recommendation regarding makeup to B generator	H	4/9*	

*Items Overdue.