PLANNING MEETING
0900 4/20/79

1. Agenda, 0900, 4/20/79, Task Management/Schedule Meeting
2. Review Top Priorities List
3. Review Action Items from "1800", 4/19/79 Technical Review Meeting
4. Review Tasks Lists
AGENDA

Task Management Schedule
0900 4/20/79

1. Radioactive Releases
   a. Levels
   b. Identification/isolation of sources
   c. Monitoring (Eberline)

2. Status of:
   a. Alternate pressurizer level measurement
   b. Leakage past DH-V6B
   c. Filter (Charcoal/HEPA) replacement
   d. Ventilation system for welding operations
   e. Charcoal filter spares
   f. R.C. drain tank waste gas vent header isolation valve
   g. EPICOR (Cap-Gun II System)
   h. Auxiliary Building roof ventilation system
   i. Tank farms in Unit 2 spent fuel pool
   j. More direct path for adding deaersted water to the primary system

3. Schedule for Development of Plans for:
   a. Treatment of Auxiliary Building liquid waste
   b. Feeding steam generators during natural circulation
   c. Determining that natural circulation has occurred
   d. Formation of natural circulation advisory group
TOP PRIORITIES

Replace charcoal filters in both the Auxiliary Building and the Fuel Handling Building Filtration Systems. A-1

Development of plan for management of radioactivity in Auxiliary and Containment Buildings. A-1

Identify and isolate sources of iodine leakage. A-1

Complete roof top Stack Filtration System. A-2

Complete evaluation of cross-tie between the Auxiliary Building and the Reactor Building Filtration System. A-2

Completion of EPICOR (CAP-GUN II) System. A-2

Complete tank farm in Unit 2 spent fuel pool. B-1

Development of plan for treatment of Auxiliary Building liquid waste. B-1

Complete "B" OTSG cooling and modification (long-term). C-1

Complete "A" OTSG cooling and modification (short-term). C-1

Upgrade Decay Heat Removal System. C-1

Complete calibration of alternate pressurizer level transmitter. C-1
Top Priorities

Development of alternate system for pressure/volume control system. C-1

Provide methods (indications and trends) for determining that natural circulation has occurred. C-1

Determine best method for feeding Steam Generator during natural circulation. C-1

Formation of natural circulation advisory group. C-1

Determine suitability of using both steam generators as heat sinks. C-2

Complete "A" OTSG cooling modification (long-term). C-2

Complete external valve pit for ADHR System. C-2

2006 083
ACTION ITEMS

Technical Review Meeting
1800 4/19/79

1. Filtration System
   a. Obtain (as required) replacement charcoal filters for Aux Building, Aux Building Vent System, Fuel Handling Building Vent System.  
   Rusche

   b. Check dimension of Aux Building charcoal filters.
   Cobeau

   c. Check into use of 30" Fuel Handling Building charcoal filters in place of 40" Auxiliary Building Vent System charcoal filters.
   Rusche

2. Provide alternate pressurizer level system over range of 130-250" ± 40" of measured pressurizer level.
   Wilson/Herbein

3. Check for indication of leakage pass first isolation valves downstream of DH-V68.
   Herbein

4. Maintain BWST level > 80%. Arnold to be notified when level < 80%.
   Herbein

5. Provide protection for equipment adjacent to work area.
   All

6. Provide a more direct method of adding deaerated water to the primary system.
   Wilson/Herbein

7. R.C. Drain Tank Waste Gas Vent Header Isolation Valve
   a. Check position of valve
   Herbein

8. Hydrazine addition
   a. Suspend further additions until availability of results of 4/21/79 sample.
   Herbein

   b. Tank primary sample on 4/21/79 @0700.
   Herbein

   c. Check into ability of B&W to receive and analyze 4/21/79 sample.
   McMillan

9. Investigate possible ways of improving primary sample routine.
   Wilson/Herbein

10. Continue activities to calibrate Eberline Radiation Monitor
    Herbein

11. Determine methods, procedures to protect decontaminated surfaces.
    Rusche
12. Assure that experienced people are participating in waste management planning efforts.  
Action: Rusche

13. Provide a flow path direct from condenser hotwell to auxiliary feedwater pumps.  
Action: Herbein

Action: Wilson

Action: Cobean/Siano

16. Provide methods, as well as pros and cons, of using both steam generators as heat sinks.  
Action: Wilson

17. Provide methods, as well as pros and cons, for determining that natural circulation has occurred.  
Action: Wilson

18. Provide direct reading of (i.e. °F) in-core thermocouples.  
Action: Herbein/Ackerman

19. Establish group that can advise control room operators of status of natural circulation. Group to consist of  
Action: B&W/NRC/OPS/IAG  
   a. B&W  
   b. NRC  
   c. Operations  
   d. Instrument Advisory Group

20. Continue to identify and isolate sources of iodine leakage.  
Action: Rusche
<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
<th>Priority</th>
<th>Expected Completion</th>
<th>Status</th>
<th>Task Coord.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Investigate fuel building HVAC.</td>
<td>A-1</td>
<td>In progress</td>
<td></td>
<td>Logan</td>
</tr>
<tr>
<td>2.</td>
<td>Recalibrate Eberline Rad Monitor under direction of Service Rep. (HP-R219) (Vent stack)</td>
<td>B-1</td>
<td>Recalibrating</td>
<td></td>
<td>Brummer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>H.P. Survey required. Contacts corroded; reviewing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Reduction of RCS temp. (steaming through turbine)</td>
<td>C-1</td>
<td>237 rpm @0600 4/20</td>
<td></td>
<td>Broughton</td>
</tr>
<tr>
<td>5.</td>
<td>SSRW pump repairs</td>
<td>C-1</td>
<td>&quot;A&quot; - In Service</td>
<td></td>
<td>Miller/ Shovlin</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>&quot;B&quot; - Parts</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>&quot;C&quot; - Disassembling</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>&quot;C&quot; pump</td>
<td></td>
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<tr>
<td>6.</td>
<td>Begin Waste Gas Program to determine location of gas leaks.</td>
<td>C-1</td>
<td></td>
<td></td>
<td>Seelinger</td>
</tr>
<tr>
<td>7.</td>
<td>Obtain RCS pressurized samples; review sample frequency (Broughton)</td>
<td>C-2</td>
<td>4th sample 0700, 4/21 (B&amp;W)</td>
<td>3rd sample taken &amp; shipped 2300, 4/18 (B&amp;W)</td>
<td>Thorpe/ Hetrick/ Shift Supt.</td>
</tr>
<tr>
<td>8.</td>
<td>Pressurizer Heise and diff. press.</td>
<td>C-2</td>
<td></td>
<td></td>
<td>DeVine</td>
</tr>
<tr>
<td>10.</td>
<td>Put thermocouples on recorder system - Incore system. Need amplifiers (30) - need 48 bridges - need priority list of what points go on which recorder.</td>
<td>C-2</td>
<td>44 on recorder proc. by 4/20</td>
<td></td>
<td>Ackerman/ Weaver</td>
</tr>
<tr>
<td>11.</td>
<td>Addition of Hydrazine to RCS.</td>
<td>C-2</td>
<td>Review procedure 1800, 4/18</td>
<td></td>
<td>B&amp;W/Rogers/ Logan</td>
</tr>
<tr>
<td>12.</td>
<td>Develop H.P. plan to cover waste management.</td>
<td>C-2</td>
<td></td>
<td></td>
<td>Seelinger</td>
</tr>
<tr>
<td>Task</td>
<td>Description</td>
<td>Priority</td>
<td>Expected Completion</td>
<td>Status</td>
<td>Task Coord.</td>
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<td>14.</td>
<td>Obtain MEC approval and WR's (Tie in approval only.)</td>
<td></td>
<td>Need ECH's 036, 041, 052, 056, 055, 063, 069, 075, 077</td>
<td></td>
<td>Porter/ Faulkner/ Seelinger</td>
</tr>
<tr>
<td>15.</td>
<td>Verify vacuum degasser operation.</td>
<td></td>
<td></td>
<td>On order</td>
<td>Miller/Logan/ Shift Supt.</td>
</tr>
<tr>
<td>16.</td>
<td>Need 1000 psig, 1/2 gpm hydro pump.</td>
<td></td>
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<td>Shovlin</td>
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</tbody>
</table>
## Plant Modifications

<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
<th>Priority</th>
<th>Expected Completion</th>
<th>Status</th>
<th>Task Coord.</th>
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</thead>
<tbody>
<tr>
<td>WG-6</td>
<td>Install storage vessels in Fuel Pool &quot;A&quot;.</td>
<td>A-1</td>
<td>Installation comp. 4/23</td>
<td>(2) tanks set; piping. ECH's 4/21</td>
<td>Cobean/Gunn</td>
</tr>
<tr>
<td>TS-4</td>
<td>Develop complete package for measuring water level inside Reactor Building.</td>
<td>A-2</td>
<td>Heise Gauges instal. 4/12</td>
<td>Do not open DH-V6B until approved.</td>
<td>DeVine/C obean</td>
</tr>
<tr>
<td>WG-1</td>
<td>Install AB/FHB Filter System.</td>
<td>A-2</td>
<td>Installation comp. 4/26</td>
<td>Equip. avail. 4/22</td>
<td>Gunn</td>
</tr>
<tr>
<td>TS-13</td>
<td>Install and complete turnover package of electrical heaters in supply side of Aux. Bldg.</td>
<td>A-2</td>
<td>To be scheduled</td>
<td></td>
<td>Gunn</td>
</tr>
<tr>
<td>TS-3A</td>
<td>Develop complete package for short-term cooling of &quot;A&quot; OTSG.</td>
<td>C-1</td>
<td>Installation comp. 5/3</td>
<td>Options being evaluated. Equip. avail. 4/20.</td>
<td>Wilson/C obean</td>
</tr>
<tr>
<td>TS-10</td>
<td>Decide location design/ install 2-2500 kW diesel generators - check shipping damage - vendor. Run diesel, fill fuel system.</td>
<td>C-1</td>
<td>Installation comp. 4/20</td>
<td>Equipment delivered</td>
<td>Cobean/Gunn/Toole</td>
</tr>
<tr>
<td>TS-3C</td>
<td>Develop complete package for long-term cooling of OTSG &quot;B&quot;.</td>
<td>C-1</td>
<td>Revised schedule by 4/19</td>
<td></td>
<td>Wilson/Cobb</td>
</tr>
<tr>
<td>TS-11</td>
<td>Develop electrical distribution system. Install cabling and switchgear from DG's to current ECH loads requiring loss of off-site power protection.</td>
<td>C-1</td>
<td>Installation comp. 4/20</td>
<td>Equipment delivered</td>
<td>Cobean</td>
</tr>
<tr>
<td>TS-6</td>
<td>RC loop passive and active pressure control system.</td>
<td>C-2</td>
<td>Installation comp. 5/2</td>
<td>Reviewing schedule</td>
<td></td>
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<tr>
<td>TS-6B</td>
<td>Design/Install makeup system for RCS.</td>
<td>C-2</td>
<td></td>
<td>Conceptual design change. Impacts schedule. To be revised.</td>
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<tr>
<td>TS-6C</td>
<td>Evaluate let down capabilities for RCS modification.</td>
<td>C-2</td>
<td></td>
<td>To be scheduled</td>
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<tr>
<td>Task</td>
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<td>Expected Completion</td>
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<td>Task Coord.</td>
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<td>TS-14</td>
<td>Shield for decay heat pump.</td>
<td>C-2</td>
<td>Installation to be scheduled</td>
<td>Equip. avail. 4/16</td>
<td>Wilson</td>
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<tr>
<td>WC-16</td>
<td>Provide cap for Aux. Bldg. vent stack.</td>
<td></td>
<td>Installation comp. 4/26</td>
<td>Equip. avail. 4/22</td>
<td>Gunn</td>
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<tr>
<td>WG-10</td>
<td>Cross connect AB filtration to RB cleanup system filters.</td>
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<td>Task</td>
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<tr>
<td>G-5</td>
<td>Set-up to change AB/FH Bldg. vent. filters - next will be FH Bldg. filter &quot;A&quot;.</td>
<td>A-1</td>
<td>FHB &quot;A&quot; train 4/22</td>
<td>90 of 90 filters replaced.</td>
<td>Shovlin/</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FHB &quot;B&quot; train 4/28</td>
<td></td>
<td>Futril/Bitel</td>
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<td></td>
<td></td>
<td></td>
<td>AB &quot;B&quot; train 4/25</td>
<td></td>
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<tr>
<td>L-5</td>
<td>Caustic spraying of Aux. Bldg. areas and sump.</td>
<td>A-1</td>
<td></td>
<td>Continue adding to sump. Stop spraying - get direction from team.</td>
<td>Kraft/Seelinger</td>
</tr>
<tr>
<td>L-25</td>
<td>B&amp;R assess AB and FHB ventilation system flows without the supply fans running. (For iodine</td>
<td>A-1</td>
<td>Completed</td>
<td>Information received from B&amp;R 4/16</td>
<td>Williams</td>
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<tr>
<td></td>
<td>release calc.)</td>
<td></td>
<td></td>
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<tr>
<td>L-33</td>
<td>Develop plan for tying in tank farm to CAP-GUN &quot;2&quot;</td>
<td>A-1</td>
<td></td>
<td>In progress. Investigating secondary tie to tank farm.</td>
<td>Snyder</td>
</tr>
<tr>
<td>G-31</td>
<td>Determine air flow paths in AB &amp; FHB (WG-9)</td>
<td>A-1</td>
<td></td>
<td>In progress</td>
<td>Itschner/Robison</td>
</tr>
<tr>
<td>Task</td>
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<tr>
<td>TH-30</td>
<td>Determine what B.O.P. loads need backup elec. power.</td>
<td>C-1</td>
<td></td>
<td>Criteria issued 4/13</td>
<td>Capodanno</td>
</tr>
<tr>
<td>LS-2</td>
<td>Tech. Spec. deletions, changes, and additions for long-term cooling.</td>
<td>C-1</td>
<td>5/1</td>
<td>Issue 5/1/79</td>
<td>Harding</td>
</tr>
<tr>
<td>AA-9</td>
<td>Recommendation for end point of degas mode.</td>
<td>C-1</td>
<td>4/20</td>
<td>Issue 4/20</td>
<td>Crimmans</td>
</tr>
<tr>
<td>TH-32</td>
<td>Review with B&amp;R work on DHR system modification.</td>
<td>C-1</td>
<td>4/22</td>
<td>Issue 4/18</td>
<td>Capodanno</td>
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<tr>
<td>TH-35</td>
<td>Establish long-term plant instrumentation requirements.</td>
<td>C-1</td>
<td>4/18</td>
<td>Issue 4/18</td>
<td>Chisholm</td>
</tr>
<tr>
<td>TH-35b</td>
<td>Closed cooling system for OTSG &quot;B&quot; - long-term, high press. criteria.</td>
<td>C-1</td>
<td>4/13</td>
<td>Revised criteria</td>
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<tr>
<td>TH-22a</td>
<td>Closed cooling system for OTSG &quot;A&quot; - short-term, low press. criteria.</td>
<td>C-1</td>
<td>4/19</td>
<td>Reviewing criteria</td>
<td>Capodanno</td>
</tr>
<tr>
<td>AA-61</td>
<td>Updated safety analysis report (B&amp;W)</td>
<td>C-1</td>
<td>4/23</td>
<td>Revised report</td>
<td>B&amp;W</td>
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<tr>
<td>AA-73</td>
<td>Provide plan for actions in event of primary flow degeneration.</td>
<td></td>
<td>4/19</td>
<td>Plan</td>
<td></td>
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<tr>
<td>Task</td>
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<tr>
<td>I.B.1</td>
<td>Decontaminate for DHR Sys. checkout</td>
<td>C-1</td>
<td>4/20</td>
<td>DH Vaults</td>
<td>Siano</td>
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<td></td>
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<td></td>
<td>4/27</td>
<td>DH Valve Room</td>
<td></td>
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<tr>
<td>I.B.2</td>
<td>Install Aux. Bldg. T.V. Monitor for existing DHR system</td>
<td>C-1</td>
<td>4/21</td>
<td>In progress</td>
<td></td>
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<tr>
<td>I.B.4</td>
<td>Install DHR remote operation equipment</td>
<td>C-1</td>
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<td>After decon.</td>
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<td>I.B.5</td>
<td>DHR flow/pressure tests</td>
<td>C-1</td>
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<td>After decon.</td>
<td></td>
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<tr>
<td>II.A.1</td>
<td>ADHR (new) system design and approval</td>
<td>C-1</td>
<td>4/24</td>
<td>Ongoing</td>
<td></td>
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<tr>
<td>II.A.1</td>
<td>ADHR final test procedure</td>
<td>C-1</td>
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<td>Ongoing</td>
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<tr>
<td>II.A.1</td>
<td>Final ADHR installation procedure</td>
<td>C-1</td>
<td>4/24</td>
<td>Ongoing</td>
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<td>II.A.2</td>
<td>ADHR procurement</td>
<td>C-1</td>
<td>4/27</td>
<td>Ongoing</td>
<td></td>
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<tr>
<td>II.B</td>
<td>ADHR installation</td>
<td>C-1</td>
<td></td>
<td>No status</td>
<td></td>
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<tr>
<td></td>
<td>Licensing Report</td>
<td>C-1</td>
<td>4/20</td>
<td>Ongoing</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**
1. DG Room completed 4/18 (concrete still leaching).
3. Electrical design complete 4/19; DHR skid design complete 4/19; general arrangement drawing rescheduled to 4/24.
5. Exploratory excavation revealed thus far: 2 service pipes and crane pad.
<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Determine method of finding leak in vent header</td>
<td>1+</td>
<td>ASAP</td>
<td></td>
<td>H. Lawborski</td>
</tr>
<tr>
<td>2.</td>
<td>Provide recommendation for alternate methods of P/V control</td>
<td>1</td>
<td>In progress</td>
<td></td>
<td>Ackerman</td>
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<tr>
<td>11.</td>
<td>Instrument diagnostics</td>
<td>1</td>
<td>Continuous</td>
<td></td>
<td>Ackerman</td>
</tr>
<tr>
<td>16.</td>
<td>Put all TC (Reactor) on Recorders</td>
<td>1</td>
<td>In progress</td>
<td></td>
<td>Ackerman</td>
</tr>
<tr>
<td>17.</td>
<td>On-line monitoring of boron and gasses</td>
<td>1</td>
<td>In progress</td>
<td></td>
<td>Ackerman</td>
</tr>
<tr>
<td>18.</td>
<td>Risks/Advantages of going to Natural Circulation as is vs. Present Plan</td>
<td>1</td>
<td>In typing</td>
<td></td>
<td>Paddleford</td>
</tr>
<tr>
<td>21.</td>
<td>Design tree for natural circulation</td>
<td>1</td>
<td>Completed 4/19</td>
<td></td>
<td>Koler</td>
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<tr>
<td>10.</td>
<td>Reflux Boiler</td>
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<tr>
<td></td>
<td>a. Non-Condensible</td>
<td>2</td>
<td>Completed 4/18</td>
<td></td>
<td>Muench</td>
</tr>
<tr>
<td></td>
<td>c. Modes of Operation</td>
<td>Completed 4/18</td>
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<tr>
<td>12.</td>
<td>Specifications for Reflux Boiler Test</td>
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<tr>
<td></td>
<td>a. Feasibility</td>
<td>2</td>
<td>In typing</td>
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<td>Fornandoz</td>
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