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MEETING MINUTES
TPA DANGEROUS WASTE TANK MILESTONE - M-32
DOE-RL/WHC AND ECOLOGY
AUGUST 23, 1993

Attendees:

Jeff Bramson	Toby Michelena (via video conf.)
Jay Bottenus	Casey Ruud
Paul Crane	Ana R. Sherwood
Brad Erlandson	Luis Soler
Moses Jaraysi	Dave Templeton
Paul J. Krupin	Jack Waite
Matt La Barge	Barbara Williamson
Don McBride	

Actions:

1) PFP (McBride)

Evaluate the following three options as additional targets or conditions:

- Establish limitations on the volume of waste generated during the stabilization campaign.
- Limiting future operations after stabilization until tank system compliance is achieved.
- Some combination of the previous two items.

2) T Plant (Crane)

Set-up an additional meeting before Friday, August 27, 1993, to discuss the technical aspects of waste minimization at 2706-T to address Ecology's concerns related to need to reduce rainwater infiltration into the T Plant Tank System in the near future.

Consider changing M-32-03-T04 from June 1994 to April 1994 to coincide with the completion of the CDR.

Consider diverting rainwater to TEDF.

3) 242-A Evaporator

No actions.

4) 244-AR Vault

No actions.

5) DST

No actions.

6) PUREX

No actions.



Discussion:

1) PFP

Project C031H (M-32-01-T03) has been descoped. Only the transfer piping between 234-5Z, 236-Z and 241-Z will be upgraded. The 241-Z Facility's upgrades will not be performed by this project.

The stabilization run is scheduled to include two 40 week campaigns separated by about 3-6 months and is tentatively scheduled to start in July-August 1994. After stabilization, a NEPA process will be undertaken to determine further missions for PFP. The estimated volume of waste generated during the stabilization run was guessed to be approximately 100,000 gallons (Note: subsequent to this meeting, PFP determined that the waste volumes for the combined PRF/RMC campaigns could be up to 300,000 gallons).

2) T Plant

Periodic inspections of the 2706-T and 211-T tanks will be conducted twice a year. The level detection device to be installed in the 211-T sump will have a sensitivity of approximately 1/4 inch. Ecology - Lacey will defer to Ecology - Kennewick on issues related to T Plant.

3) Overall

M-32 will be included in the overall TWRS renegotiations.

Attachment: M-32 change control form and milestone as of 8/23/93.

M-32-92-01	Federal Facility Agreement and Consent Order Change Control Form	Date		
<table style="width: 100%; border: none;"> <tr> <td style="width: 70%; border: none;">Originator Paul J. Krupin</td> <td style="width: 30%; border: none;">Phone (509) 372-1112</td> </tr> </table>			Originator Paul J. Krupin	Phone (509) 372-1112
Originator Paul J. Krupin	Phone (509) 372-1112			
<p>Class of Change</p> <p style="text-align: center;"><input checked="" type="checkbox"/> I - Signatories <input type="checkbox"/> II - Project Manager <input type="checkbox"/> III - Unit Manager</p>				
<p>Change Title</p> <p style="text-align: center;">Interim Status Dangerous Waste Tank Systems Hanford Federal Facility Agreement and Consent Order Milestone, M-32.</p>				
<p>Description/Justification of Change</p> <p style="text-align: center;">Add milestone.</p> <p style="text-align: center;">The proposed milestone establishes Tri-Party Agreement compliance schedules for the Hanford interim status dangerous waste tank systems.</p>				
<p>Impact of Change</p> <p style="text-align: center;">This change establishes a new major milestone with interim milestones. Completion of interim milestone tasks may identify the need for additional actions or interim milestones in the future. This milestone does not impact any other Tri-Party Agreement interim or major milestone.</p>				
<p>Affected Documents</p> <p style="text-align: center;">Affected Documents: Hanford Federal Facility Agreement Consent Order Action Plan, Appendix D, Figure D-1 Work Schedule, and Table D-3.</p>				
<p>Approvals ___ Approved ___ Disapproved</p> <p>DOE _____ Date _____</p> <p>EPA _____ Date _____</p> <p>Ecology _____ Date _____</p>				

**Proposed Interim Status Dangerous Waste Tank Systems Hanford Federal
Facility Agreement and Consent Order Milestone
M-32**

M-32-00	Complete Identified Dangerous Waste Tank Corrective Actions.	Sept. 99
	Completion of interim milestone tasks may identify the need for additional actions or interim milestones in the future. The reports and deficiency correction schedules prepared to satisfy current milestones will be used to identify any appropriate new interim milestones. Any new interim milestones will subsequently be established via the change process in Section 12 of the Action Plan.	
	Tank integrity assessments will not be required for terminal cleanout of the Plutonium-Uranium Extraction Plant, except for Tanks F18, U3, and U4. Integrity assessments for Tanks F18, U3, and U4 have been completed.	
M-32-01	Complete Plutonium Finishing Plant (PFP) Tank Interim Status Actions.	Dec. 94
M-32-01-T01	Complete and submit integrity assessment report for PFP interim status tank system. Provide a schedule to address any deficiencies described in the report related to tank system compliance (Deficiencies not addressed in this schedule will be addressed in the compliance strategy of target action M-32-02-T02).	Oct. 93
M-32-01-T02	Submit proposed compliance strategy for remaining dangerous waste tank system issues.	June 94
M-32-02-T03	Complete construction of piping upgrades between 234-5Z, 236-Z and 241-Z Tank System (Project C-031H).	Dec. 94
M-32-02	Complete 219-S Tank Interim Status Actions.	Sept. 97
M-32-02-T01	Provide notification of completion of Definitive Design for Project W-178 - Construction of Interim Status Tank System Upgrades for 219-S Tank System.	Jan. 96
M-32-02-T02	Upgrade existing transfer lines to meet secondary containment requirements.	Sept. 97
M-32-03	Complete T Plant Tank Actions.	Sept. 99
M-32-03-T01	Implement periodic visual inspection and static leak test program for 2706-T and 211-T tanks.	Oct. 93
M-32-03-T02	Complete Conceptual Design Report (Project W-259) for T Plant tank system upgrades.	Apr. 94

M-32-03-T03	Submit schedule for completion of T Plant tank system upgrades (Project W-259).	June 94
M-32-03-T04	Complete engineering study for minimization of waste accumulation in 2706-T tank.	June 94
M-32-03-T05	Submit schedule for completion of 2706-T Facility upgrades to minimize waste accumulation.	Aug. 94
M-32-03-T06	Install level indication device for 211-T tank.	Dec. 94
M-32-03-T07	Complete scheduled upgrades to T Plant tank system (Project W-259).	Sept. 99
M-32-04	Complete Double-Shell Tank Interim Status Tank Actions.	June 94
M-32-04-T01	Submit design standards review for one tank farm.	Sept. 93
M-32-04-T02	Prepare and submit report documenting non-destructive examination equipment development and implementation plans.	Sept. 93
M-32-04-T03	Complete all DST visual examination and prepare and submit reports.	Sept. 93
M-32-04-T04	Complete and submit the Transfer Facility Compliance Plan.	June 94
M-32-04-T05	Submit to Ecology a final plan and schedule for completion of the Double-Shell Tank integrity assessments.	June 94
M-32-05	Complete 242-A Evaporator Interim Status Tank Actions.	1 Month after hot restart
M-32-05-T01	Complete and submit integrity assessment report for the 242-A Evaporator interim status tank system. Provide a schedule to address any deficiencies described in the report related to tank system compliance.	1 Month after hot restart
M-32-06	Complete 244-AR Vault Interim Status Tank Actions.	Prior to restart
M-32-06-T01	Complete and submit integrity assessment report and identified upgrades for 244-AR Vault interim status tank system (except that DST transfer lines that penetrate the 244-AR Vault will continue to be used). Provide a schedule to address any deficiencies described in the report related to tank system compliance.	Prior to restart
M-32-07	Complete B Plant Interim Status Tank Actions.	Dec. 95

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| M-32-07-T01 | Identify additional dangerous waste tanks and ancillary equipment that will be routinely used during cleanout and stabilization activities. Submit schedule to perform integrity assessments on identified additional dangerous waste tanks and ancillary equipment. | Apr. 94 |
| | B Plant will not accept any waste for treatment, except waste generated as a result of on-going B Plant/WESF operations, without completion of tank integrity assessments and completion of upgrades necessary for compliance with WAC 173-303-640 or an applicable permit on systems used for the treatment, storage or disposal of the waste. | |
| M-32-07-T02 | Complete and submit integrity assessment plan for Tanks 25-1, 25-2, 23-1, concentrator E-23-3, and identified ancillary equipment. | Oct. 94 |
| M-32-07-T03 | Complete and submit integrity assessment report for Tanks 25-1, 25-2, 23-1, concentrator E-23-3, and ancillary equipment as identified in the integrity assessment plan. Provide a schedule to address any deficiencies described in the report related to tank system compliance. | Dec. 95 |
| | The integrity assessment report of the low level waste concentrator, E-23-3, and the concentrated waste receiver, TK-23-1, will be completed only if their operation is planned beyond December 1995. The determination to include these two tanks in the integrity assessment report will be made by October 1994. | |
| M-32-08 | Complete Grout Interim Status Tank Actions. | Prior to processing DST waste |
| M-32-08-T01 | Complete and submit integrity assessment report for Grout interim status tank system. Complete activities required to correct any deficiencies described in the report related to tank system compliance. | Prior to processing DST waste |

M-32-00 ADMINISTRATIVE RECORD
TSD UNIT NUMBERS

PFP/241-Z: T-2-5
222-S/219-S: TS-2-1
T Plant: T-2-7
B Plant: TS-2-3
DST: S-2-3

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