

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

Stabilization activities at the Plutonium Finishing Plant (PFP), dependent on evaluation of alternatives under the National Environmental Policy Act, will be limited to a liquid waste generation of 300,000 gallons or less to the 241-Z tank system. The waste is temporarily stored in the 241-Z Tank System prior to transfer to the Double-Shell Tank Farms. Following any such stabilization activity, the PFP will not initiate any additional mission(s), except as described below, that results in the discharge of waste to the 241-Z tanks prior to completion of tank system upgrades necessary for compliance with state and federal dangerous waste regulations.

Glove-box scale, laboratory, plant maintenance, and miscellaneous support activities necessary for safe, secure storage of materials and protection of personnel and the environment will continue. With exception of the stabilization activities, discharge to 241-Z will be limited to 50,000 gallons per year until compliance is achieved or terminal cleanout is completed. Any terminal cleanout discharge requirements in excess of 50,000 gallons per year will be reviewed and approved by the three parties prior to implementation.

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-32-01-T02).	Oct. 93
M-32-01-T02	Submit proposed compliance strategy for remaining dangerous waste tank system issues.	June 94
M-32-01-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 modification of 2706-T Staging Pad to eliminate accumulation of precipitation.	June 94
M-32-03-T05	Install level indication device for 211-T tank.	June 94
M-32-03-T06	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
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. 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.	Apr. 94
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. 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.	Dec. 95
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

IT IS SO AGREED:

Each undersigned representative of a Party certifies that he or she is fully authorized to enter into this Agreement and Action Plan and to legally bind such Party to this Agreement and Action Plan. These change requests and amendments shall be effective upon the date on which this amendment agreement is signed by the Parties. Except as amended herein, the existing provisions of the Agreement shall remain in full force and effect.

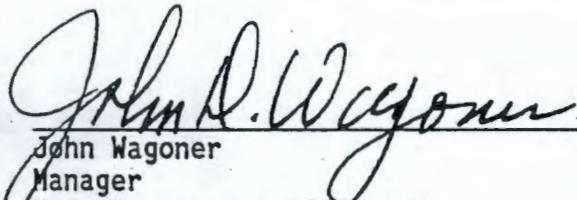
FOR THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY:



Gerald Emison
Acting Regional Administrator
Region 10
U.S. Environmental Protection Agency

1-25-94
Date

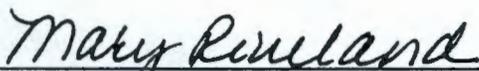
FOR THE UNITED STATES DEPARTMENT OF ENERGY:



John Wagoner
Manager
U.S. Department of Energy
Richland Operations Office

1/25/94
Date

FOR THE WASHINGTON STATE DEPARTMENT OF ECOLOGY:



Mary Riveland
Director
State of Washington
Department of Ecology

1/25/94
Date