

memorandum

Ohio Field Office
West Valley Demonstration Project

M-32

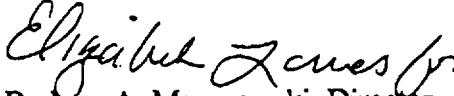
DATE: February 22, 2000

SUBJECT: Weekly Activities Report

TO: Mark E. Rawlings, Team Leader
West Valley Demonstration Project
DOE-HQ, EM-31, 1188/CLOV

Attached is a copy of the West Valley Demonstration Project Weekly Activities Report (Predecisional Draft), dated February 22, 2000.

Please advise me if we can provide any further information.


Barbara A. Mazurowski, Director
West Valley Demonstration Project

Attachment

cc: J. D. Parrott, NRC-HQ
T. Jackson, NRC-Region 1
A. R. Griffith, EM-21, 2086/CLOV
OH/WVDP Staff
P. L. Piciulo, NYSERDA-WV

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**WEEKLY ACTIVITIES REPORT
WEST VALLEY DEMONSTRATION PROJECT
February 22, 2000
CURRENT ACTIVITIES**

HIGH-LEVEL WASTE PROJECT ACTIVITIES

High-Level Waste Transfer Activities

- Progress continues towards high-level waste (HLW) tank heel removal. Completed work this past week included: two (2) HLW Transfers from tank 8D-2 to the Concentrator Feed Makeup Tank (CFMT) were performed resulting in approximately 7,327 gallons of waste being transferred; boil down of liquids in the CFMT; waste transfers, volume reduction, from tank 8D-3 to Tank 8D-1 and 8D-2, and welded canister WV-376.
- Scheduled activities next week include waste transfers from Tank 8D-2 to CFMT, resumed operation of the Liquid Waste Treatment System (LWTS) evaporator, evaporator processing in the LWTS for volume reduction, and continued crane and Concentrator Feed Makeup Tank (CFMT) sample pump support.
- The melter is currently in idle with the 246th canister, the fifth in fiscal year 2000 under the melter feed pour spout. Melter feed operations are scheduled to resume this week.

PROJECT COMPLETION

- The hard walled airlock for the General Purpose Cell Crane Room (GCR) was received and is being set up in the Test and Storage Building. It will be set up in the General Operating Aisle next week. The work order for the clean up of the GCR was signed off. The actual entry to begin clean up is tentatively planned for the week of February 28, 2000. The master end of the old manipulator at the GPC C window was removed to make room for the air lock.
- PaR Systems continues to design the bridge mounted manipulatory system. The drawings for the carriage assembly were approved and PaR was released to begin fabrication on this assembly.
- The design review meeting for the enclosure for the General Purpose Cell Crane Room Extension was held on February 15, 2000. No significant issues were found with the design. A meeting was held with SLR Contracting, the proposed contractor, on February 16, 2000, to present an overview of the project.
- Construction of the Process Mechanical Cell Room (PMCR) Enclosure continues. Installation of the floor Q-decking was completed and installation of the wall girts and roof handrail brackets is in progress. The opening for the doorways between the old counting room and the enclosures were cut. The electricians installed the electrical panels in the old counting room and continue to route the conduit.

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- Heating, ventilating, and air conditioning sampling operations have been placed on hold pending additional isolations. In order to minimize restricted access to the West Mechanical Operating Aisle, a detailed schedule is being developed to identify all isolation points, interfaces, and logic.

WASTE MANAGEMENT

- Roofing installation is about 75 percent complete on the shipping depot facility. The contractor completed installation of siding to the office masonry work. Installation of conduit and electrical fixtures has begun in the depot high bay and office areas last week and will continue for the next two weeks.

PROJECT OR PROGRAM SPECIFIC ACTIVITIES

Spent Nuclear Fuel Program

- A meeting was held with the U.S. Nuclear Regulatory Commission (NRC) on February 14, 2000, to discuss the Borated Stainless Steel Acceptance Program. The NRC was generally receptive to the proposed approach and indicated interest in following the proposed testing program.
- Transnuclear Inc. (TN) continues to prepare cask safety analysis report (SAR) revisions for full loads for submittal to the U.S. Nuclear Regulatory Commission (NRC). A draft schedule for incorporation of the borated stainless steel fracture toughness testing and analysis into the SARs has been developed. TN will submit a detailed schedule and provide weekly updates.
- Four plates from both casks were removed this week for destructive testing to support the safety analysis report (SAR) effort. The plates will be shipped later this week to Westmoreland Laboratories in Pennsylvania.
- The work order to load test the crane to 125 tons was issued. The hook was ground and proof tested last week at the manufacturer's shop in Buffalo. The hook was delivered to the site on February 21, 2000, and is scheduled for tentative load test date on February 24, 2000. Concurrent with this activity, the new Transnuclear Robert E. Ginna (TN-REG) cask transport frame was completed, shipped, and received at the West Valley Demonstration Project (WVDP) last week.
- Representatives from the West Valley Demonstration Project (WVDP), the Idaho National Engineering and Environmental Laboratory (INEEL), U.S. Nuclear Regulatory Commission (NRC), the Federal Railroad Administration, and various railroad providers will participate in a meeting in Las Vegas, NV the week of February 28, to discuss planning for spent nuclear fuel (SNF) shipments. The WVDP plans to ship SNF currently in storage to the INEEL in 2001.

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Remote Handled Waste Facility

- Comments resulting from the joint U.S. Department of Energy (DOE) review of the Remote Handled Waste Facility Preliminary Safety Analysis Report have been provided to the contractor for resolution.
- Butler/Raytheon and West Valley Nuclear Services Company (WVNS) personnel were at the Waste Receiving and Packaging (WRAP-I) Facility in Hanford to obtain design/operational data on a bagless transfer system in use there. Additionally, Raytheon is continuing their work on developing system descriptions.

Site Support

- The Buttermilk Creek culvert repair engineering package, including construction drawings, specifications, and a draft copy of the Special Provisions, have been completed. A kickoff meeting for the design review has been scheduled for February 21, 2000, with a closeout meeting to resolve any comments on February 25, 2000. Material procurements for the full scale mock-up are in process.
- Preliminary stability calculations to determine the factor of safety of the Lake No. 1 Dam are complete with positive results. Monitoring and data collection will continue through April.
- In support of the Utility Room (UR) condensate tank replacement project, piping work is complete with the exception of a condensate line tie-in outside the UR. Electrical installation work is continuing. Physical construction work is scheduled to be complete this week. Walkdown of the installation has started and will continue next week.
- The majority of work in the women's locker room has been completed. The walkdown of the locker room has been completed and a few minor punchlist items have been identified. These items are being addressed and will be completed the week of February 21, 2000. The locker room will be ready for occupancy February 28, 2000.

Environmental Impact Statement (EIS)

- The public comment period for providing comments on the U.S. Nuclear Regulatory Commission's (NRC) Draft Policy Statement regarding decommissioning criteria for the West Valley Demonstration Project and West Valley Site has been extended to April 1, 2000. A Federal Register Notice announcing this extension is expected this week. The U.S. Department of Energy intends to provide comments during this comment period.

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ENVIRONMENT, SAFETY, HEALTH

- o Ohio Field Office West Valley Demonstration Project (OH/WVDP) conducted an annual Integrated Safety Management Systems (ISMS) Review last week. The team, lead by Bill Hamel, was composed of two Ohio Field Office Office of Compliance and Support representatives and five OH/WVDP representatives. No deficiencies were discovered during the review. Seven (7) Areas for Improvement and four (4) Noteworthy Practices were noted. Based on this review, the Team determined that ISMS continues to be successfully implemented at the West Valley Demonstration Project (WVDP).
- o West Valley Nuclear Services Company (WVNS) received notification from Dr. David M. Michaels, Assistant Secretary, Environment, Safety, and Health (EH-1) confirming that they have been accepted in the U.S. Department of Energy (DOE) Voluntary Protection Program (VPP) program as a Star site. West Valley Demonstration Project (WVDP) is attempting to arrange the formal acceptance ceremony to coincide with our annual open house in May 2000.

QUALITY ASSURANCE

- o Ohio Field Office West Valley Demonstration Project (OH/WVDP) staff updated 3-Year Oversight Schedule (FY2000-FY2002) based on their input.
- o Ohio Field Office West Valley Demonstration Project (OH/WVDP) staff is revising the OH/WVDP Policy and Procedures Manual to facilitate ease of use. We are continuing to revise the procedures contained in the Policy and Procedures Manual to reflect updated structuring and responsibilities of the OH/WVDP Office.
- o Ohio Field Office West Valley Demonstration Project (OH/WVDP) staff is planning to participate in West Valley Nuclear Services Company (WVNS) Internal Audits in Radiation Protection Program the week of February 28, 2000; Price Anderson Amendments Act (PAAA) Program the week of March 13, 2000; Measuring and Test Equipment the week of March 13, 2000; and Waste Characterization Process the month of April 2000.

MEETINGS/TRIPS

- o The Citizens Task Force (CTF) Meeting scheduled for February 15, 2000, has been rescheduled for Tuesday, April 11, 2000.
- o Thomas Vero participated as Team Leader on the Fifth Annual Management Fitness Review for the Ohio Field Office the week of February 14 through 18, 2000. The review confirmed that the Ohio Field Office possesses sound systematic approaches that are well aligned with organization needs.

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- o **Thomas Vero, U.S. Department of Energy (DOE) and Dave K. Ploetz, West Valley Nuclear Services Company (WVNS), will be at the U.S. Nuclear Regulatory Commission (NRC) Headquarters in Washington, DC on February 23, 2000, to present an overview of the Remote Handled Waste Facility and its associated Preliminary Safety Analysis Report.**