

United States Government

Department of Energy

memorandum

**Ohio Field Office
West Valley Demonstration Project**

M-32

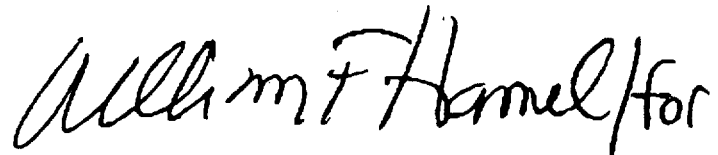
DATE: July 20, 1999

SUBJECT: Weekly Activities Report

TO: M. E. Rawlings, Team Leader
West Valley Demonstration Project
DOE-HQ, EM-32, 1188/CLOV

Attached is a copy of the West Valley Demonstration Project Weekly Activities Report (Predecisional Draft), dated July 20, 1999.

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-65, 2086/CLOV
OH/WVDP Staff
P. L. Piciulo, NYSERDA-WV

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WEEKLY ACTIVITIES REPORT
WEST VALLEY DEMONSTRATION PROJECT
July 20, 1999
CURRENT ACTIVITIES

HIGH-LEVEL WASTE PROJECT ACTIVITIES

- o Work continues on the modifications and repairs of the Liquid Waste Treatment System (LWTS) evaporator level instrumentation. The dual arm camera is currently being installed in tank 8D-1. After functional checkout of the camera and a tank video inspection, Zeolite transfers from tank 8D-1 to tank 8D-2 are scheduled to begin.
- o The melter is currently in idle mode with the 242nd canister, the 13th in fiscal year 1999, under the melter pour spout. Melter operations are scheduled to restart the last week of July 1999.

PROJECT COMPLETION

- o On July 13, 1999, Decontamination and Decommissioning Operations completed filling drums with solids from the Scrap Removal Room tank using the recently developed Long Handled Tool (LHT) and debris chute. The combination of the LHT and the existing slurry pumping system appears to have resolved the difficulties in removing the remaining material from the tank. Efforts will continue this week to remove the final water and sediment material in the tank.
- o Removal of process piping from the old O2 Plant resumed this week. Boxes are being turned over to Waste Management for storage as it is Envirocare eligible waste.
- o A meeting was held with Hot Cells Services last week to review the additional scope of work for the refurbishment of the "B" and "C" shield windows in the Process Mechanical Cell and the hot oil flush of the "B" window in the General Purpose Cell. Hot Cells will be back on site September 8, 1999, to begin this work.

WASTE MANAGEMENT

- o Work continues with the Lag Storage Area 4 removal project. One hundred percent of the fabric and structural steel was removed. Activities continue for the installation of the anchor bolts for the new steel structure.

Remote Handled Waste

- o The Addendum to the Request for Proposal for design and construction of the Remote Handled Waste Facility was issued to the technically qualified bidders for firm fixed price proposals on July 9, 1999, with responses due August 11, 1999.

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ENVIRONMENTAL, SAFETY, AND HEALTH

- o On July 19, 1999, Mr. James Stack of New York State Department of Environmental Conservation was on site to conduct a Chemical Bulk Storage (CBS) Tank inspection. There were no issues or findings.
- o T. J. Jackson and Dan Stachelski are attending the Integrated Safety Management Feedback and Improvement Workshop in Atlanta, GA from July 19 through 21, 1999, along with three West Valley Nuclear Services Co., Inc. (WVNS) representatives. Mr. Jackson is presenting information on DOE self-assessment feedback and improvements. WVNS representatives are presenting information on performance analysis database used at West Valley and moderate the Self-Assessment session and will provide a joint lessons learned presentation on the Process Mechanical Cell windows installation.

PROJECT OR PROGRAM SPECIFIC ACTIVITIESSpent Nuclear Fuel Program

- o Westinghouse Safety Management Solutions revised a plan that outlined the required elements of a submittal to the U.S. Nuclear Regulatory Commission to obtain revisions to the cask Certificates of Compliance for full load shipments of damaged fuel. The revised plan is being reviewed by West Valley Demonstration Project personnel.
- o The U.S. Nuclear Regulatory Commission formally approved elimination of the poison and filler rods for the Transnuclear Robert E. Ginna (TN-REG) cask. A letter transmitting Revision 5 to the TN-REG Cask Certificate of Compliance No. 9206 was sent to DOE Energy Headquarters (EM-65) dated July 2, 1999.
- o Han-Tek has completed their analysis of the Fuel Receiving and Storage Facility 100-ton crane for full load shipment. Han-Tek has determined that no additional modifications to the crane are necessary for full loads beyond those required for the 104-ton half-loaded Transnuclear Robert E. Ginna cask.

Environmental Impact Statement (EIS)

- o On July 14, 1999, the Citizen Task Force met at the Ashford Office Complex to discuss U.S. Nuclear Regulatory Commission Staff Requirements Memorandum, met with the mediator who has been brought on board to assist the U.S. Department of Energy (DOE)/New York State Energy Research and Development Authority discussions regarding obligations for future cleanup work at the West Valley Demonstration Project, and received a presentation on DOE's vision of a possible closure option. These topics generated good discussions and interest for planning additional meetings to cover at a minimum institutional controls and re-engineered closure designs.

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GENERAL

- o On July 20 and 21, 1999, Barbara Mazurowski and Dan Sullivan will attend a meeting in Amherst, NY, between the U.S. Department of Energy and New York State Energy Research and Development Authority to continue discussions regarding obligations for future cleanup work at the West Valley Demonstration Project.
- o In response to records storage issues identified during the recent DOE Headquarters High-Level Waste Quality Assurance Audit, West Valley Demonstration Project has begun the transfer of records to a new off-site records storage facility located in Boyers, PA. Verification activities provided assurance that this facility meets all applicable requirements for temporary records storage. The transfer of records to the new storage facility is expected to be completed by July 31, 1999.
- o Tom Vero, Ohio Field Office West Valley Demonstration Project, and David Shugars, West Valley Nuclear Services Co., Inc., are participating on an internal audit of the National Spent Nuclear Fuel Program (NSNFP) scheduled for July 12 through 23, 1999. The audit team, composed of personnel from the High-Level Waste (HLW) Program and NSNFP, is being led by audit team leaders from the HLW Program. The audit is evaluating the adequacy and effectiveness of the NSNFP Quality Assurance (QA) Program implementation as applied to QA and technical activities associated with DOE-owned Spent Nuclear Fuel (SNF). The scope of the audit will also assess the QA oversight of U.S. Nuclear Regulatory Commission SNF storage license activities.
- o On Thursday, July 29, 1999, C. J. Eckert will travel to Kingston, TN, to observe West Valley Nuclear Services Co., Inc.'s quality assurance and radiation protection staff perform an audit of a potential subcontractor laboratory. This is one of numerous audits being performed of potential laboratories for the high-level waste tank sodium process.
- o Ralph Holland, Ohio Field Office Office of Acquisition and Asset Management, will be on site on Thursday, July 22, 1999, to discuss contract items.