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United States Government

Department of Energy

Ohio Field Office

West Valley Demonstration Project

memorandum

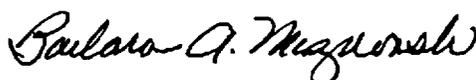
DATE: January 4, 2000

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 January 4, 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-65, 2086/CLOV
OH/WVDP Staff
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WEEKLY ACTIVITIES REPORT
WEST VALLEY DEMONSTRATION PROJECT
January 4, 2000
CURRENT ACTIVITIES

HIGH-LEVEL WASTE PROJECT ACTIVITIES

High-Level Waste Transfer Activities

- Progress continues towards high-level waste tank heel removal. Completed work this past week included: completed melter pour/filling of the 244th canister, the fourth in fiscal year 2000; waste transfer from Tank 8D-2 to the Concentrator Feed Makeup Tank (CFMT); and boil down of liquids in CFMT.
- Scheduled activities next week include continued Concentrator Feed Makeup Tank (CFMT) boil downs, waste transfers from Tank 8D-2 to CFMT, and size reduction of a "D Nozzle" under the Vitrification Expanded Materials Processing system.
- The melter is in idle with the 245th canister, the fifth in fiscal year 2000 under the melter feed pour spout.

PROJECT COMPLETION

- Hot Cells Services procedure for the removal of the first two pieces of cold side glass from the General Purpose Cell B window was approved. Hot Cells will return to the site on January 10, 2000, to perform the actual refurbishment work.
- Evaluation of the data from the initial entry to the General Purpose Cell Crane Room continues. Due to the significant amount of corrosion found on the motor baseplate, the repair plans are being modified to include the replacement of the baseplate. Fabrication of the floor shielding plates continues and should be completed the first week in January 2000.
- PaR Systems continues to work on the design of the Bridge Mounted Manipulator Systems. The completion date for the design of the bridge and trolley has been extended to the end of January 2000. This additional design time is required to ensure the trolley can be easily removed from the bridge during operations.
- Design continues on the enclosure for the General Purpose Cell Crane Room extension. Comments on the Summary Design Criteria have been resolved. A preliminary set of drawings was sent out for review and cost estimating.

WASTE MANAGEMENT

- Work continues in the construction of the Lag Storage Area (LAG) 4 Shipping Depot. The contractor is scheduled to complete depot steel erection and placement of the connector piers

Predecisional Draft

- 2 -

January 4, 2000

this week. Waste Management Operations completed moving waste boxes in LSA-3 to make room for the penetration of the connector ramp.

PROJECT OR PROGRAM SPECIFIC ACTIVITIES

Spent Nuclear Fuel Program

- Fabrication of the new Transnuclear Robert E. Ginna (TN-REG) cask transport frame continued at the Transnuclear subvendor. The fabrication was completed last month and delivery of the frame is scheduled early this month. Concurrent with this activity, fabrication of the TN-REG mockup fuel assemblies is in progress and is expected to be completed by the end of this week.

Remote Handled Waste Facility

- The Remote Handled Waste Facility (RHWF) Preliminary Safety Analysis Report (PSAR) has been revised to incorporate all review comments from the contractor's review. Copies of the RHWF PSAR are being made for transmittal to the U.S. Department of Energy (DOE) on January 4, 2000, ahead of the contract milestone delivery date. A joint DOE Ohio Field Office and Ohio Field Office West Valley Demonstration Project (OH/WVDP) review will start on January 10, 2000.
- Butler/Raytheon started preliminary design of the RHWF on December 20, 1999. WVNS is currently reviewing the subcontractor's schedule for design to make sure that it supports Project milestones.
- On January 5, 2000, U.S. Department of Energy (DOE) will be providing an overview presentation on the Remote Handled Waste Facility to the U.S. Nuclear Regulatory Commission (NRC). The presentation will discuss Project status and schedule with emphasis on obtaining NRC support in their review of the Preliminary Safety Analysis Report.

Site Support

- The utility room compressor has been completely dismantled and removed. Work on the existing (compressor) foundation was completed and the new condensate tank has been placed. The associated pumps are scheduled to be installed this week.
- Engineering calculations by Hartman Engineering for the repair of the Buttermilk Creek Culvert are proceeding on schedule and is expected to be completed by mid-January. West Valley Nuclear Services Company drafting department has completed the initial drawings of the proposed repair. Detailed design is scheduled to be complete by February 25, 2000.

Predecisional Draft

- 3 -

January 4, 2000

- o Buffalo Drilling continued soil boring operations in support of the Lake Number 1 Dam Stability analysis. The first boring hole at the top of the dam has been encased and grouted.

Environmental Impact Statement (EIS)

- o On January 5, 2000, personnel from the U.S. Nuclear Regulatory Commission (NRC), New York State Department of Environmental Conservation (NYSDEC), U.S. Environmental Protection Agency (EPA), U.S. Department of Energy (DOE) Headquarters, and DOE Ohio Field Office will be on site for a Project overview presentation and site tour. At 7:00 p.m., NRC will be hosting a public meeting at the Ashford Complex to provide information and discuss with the public NRC's draft Policy Statement regarding decommissioning criteria for the West Valley Demonstration Project and West Valley site.

Environment, Safety, and Health

- o The Ohio Field Office and the Ohio Field Office West Valley Demonstration Project will conduct a joint assessment of the Nuclear Criticality Safety Program on January 10 through 12, 2000. This assessment is part of the complex-wide Nuclear Criticality Safety Improvement Initiative.

MEETINGS/TRIPS

- o On January 11, 2000, Christopher J. Eckert, Ohio Field Office West Valley Demonstration Project (OH/WVDP), will travel to Washington, DC to attend a U.S. Department of Energy Headquarters sponsored training course. The course addresses emergency exercise scenario development.