



Department of Energy
Ohio Field Office
West Valley Demonstration Project
P.O. Box 191
West Valley, NY 14171

March 22, 1999

Mr. Jack D. Parrott
U.S. Nuclear Regulatory Commission
Room 8 C30, TWFN/MS-8 F37, NMSS/DWM/LLDP
Washington, DC 20555

SUBJECT: Decision Analysis to Support Tank Farm Transition End Point Development for High-Level Waste (HLW) Tank Cleanup

REFERENCE: Letter (63791), R. M. Bernero to J. Lytle, "States of Washington and Oregon: Denial of Petition for Rulemaking," dated March 2, 1993

Dear Mr. Parrott:

The enclosed reports were prepared to support HLW removal from the HLW tanks at the West Valley Demonstration Project (WVDP). Enclosure 1 was prepared to evaluate the economically practical clean-up criteria as delineated in the referenced letter. Enclosure 2 "Administratively Confidential" is provided because the decision analysis model has confidential information regarding operating costs at WVDP. Enclosure 3 is a recent update to the decision analysis model.

As you are aware, the decision analysis report for economic practicality is only one aspect of the determination regarding HLW tank clean-up at WVDP. Additional studies are underway to evaluate the remaining criteria cited in the reference. U.S. Nuclear Regulatory Commission (NRC) feedback on the draft decision analysis model will aid the Project in finalizing the model. A follow-up letter from the Project to the NRC will outline the proposed timetable for feedback on the reports as well as the timing for the Project to provide the overall strategy for completion of HLW removal from the WVDP Waste Tank Farm tanks.

Enclosure 4 is a draft of the transition end points for the HLW tanks. This report focuses on developing both task level and numerical endpoints for the WVDP Waste Tank Farm using 1996 and 1997 performance assessment results.

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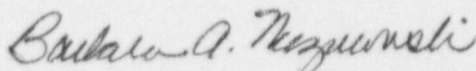
Mr. Jack D. Parrott

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NRC's review and feedback on the decision analysis model is vital to WVDP's success. If you have any questions regarding this matter, please contact me at (716) 942-4068 or J. J. May of my staff at (716) 942-2161.

Sincerely,



Barbara A. Mazurowski, Director
West Valley Demonstration Project

cc: M. E. Rawlings, DOE-HQ, EM-32, 1188/CLOV, w/o enc.
E. A. Lowes, OH/WVDP, WV-37, w/o enc.
F. W. Damerow, WVNS, AOC-07, w/o enc.

- Enclosures:
1. Draft Decision Analysis to Support West Valley Tank Farm Transition End Point Development for HLW Tank Cleanup, dated April 24, 1998
 2. Draft Decision Analysis to Support West Valley Tank Farm Transition End Point Development for HLW Tank Cleanup, dated April 24, 1998
(Administratively Confidential)
 3. Draft Decision Analysis to Support West Valley Tank Farm Transition End Point Development for HLW Tank Cleanup: 1997 Update, dated February 15, 1999
 4. WVDP-267, Revision 0 (2nd Draft), Waste Tank Farm Transition End Points, dated August 1997

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