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Department of Energy

Idaho Operations Office
West Valley Project Office
P.O. Box 191
West Valley, NY 14171

March 30, 1994

Mr. Gary C. Comfort
Headquarters
U. S. Nuclear Regulatory Commission
Washington, DC 2055

SUBJECT: Cement-Waste Qualification Notebook Updates to Volumes II and III

REFERENCE: Letter 2493:93:08, J. O. Thoma to T. J. Rowland, "Request for Additional Information for 'Waste Form Qualification Program for Cement Solidification of Sludge Wash Liquid' Concerning Solidification with Type V Portland Cement," dated October 13, 1993

Dear Mr. Comfort:

This letter transmits the test requests and test procedures describing the long-term test programs on portland Type I and Type V decontaminated sludge wash cement-waste. This completes the commitment that was identified in the referenced letter under Attachment C. These tests, as required by the NRC Branch Technical Position on Waste Form, include compressive strength testing, a 14 day immersion test followed by a compressive test, and visual inspection of the core samples on a regular frequency. Tests on both waste forms are scheduled to begin during March 1994.

Enclosed for your information and use are five copies of the Test Request (WVNS-TRQ-062) and Test Procedures (WVNS-TP-062). Please insert WVNS-TRQ-062 and WVNS-TP-062 into Volume II and WVNS-TRQ-063 and WVNS-TP-063 into Volume III with the corresponding tabs and table of content pages.

Please contact A. M. Al-Daouk at (716) 942-4629 if you have any questions related to this transmittal.

Sincerely,

T. J. Rowland, Director
West Valley Project Office

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Enclosures: Cement-Waste Qualification Notebook Updates to Volumes II and III

cc: W. S. Ketola, WVPO, w/enc.
J. A. Yeazel, WVPO, w/o enc.
D. C. Meess, WVNS, MS BIF, w/o enc.

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