



Department of Energy

Idaho Operations Office
West Valley Project Office
P.O. Box 191
West Valley, NY 14171
May 1, 1992

M-32

Gary C. Comfort
U.S. Nuclear Regulatory Commission
Headquarters
Washington, DC 20555

SUBJECT: West Valley Waste Form Qualification Program for
Cement Solidification of Sludge Wash Waste Liquid

Dear Sir:

Attached for your information and comment are five copies (four enclosed, one copy provided on April 16, 1992), of documentation supporting the latest West Valley Cement Waste Form Qualification Program.

Volume 1 replaces the "original" notebook issued in May 1991 including subsequent updates. It addresses development work on the 33% TDS recipe. Our updated February 1992 transmittal inadvertently instructed the notebook holders to discard the original notebook and replace it with a new version focused on a 20% TDS recipe. Reissuance of the 33% TDS recipe notebook as Volume 1 provides assurance that none of the results are lost and allows us to reference data useful for supporting qualification of the 20% TDS recipe.

The notebook issued in February 1992, addressed development work on the 20% TDS recipe. For clarity, we are "reidentifying" this notebook as Volume 2. Enclosed is an updated insert and table of contents. The tables of contents for both Volumes 1 and 2 will be our "control" for assuring the most accurate and up-to-date information is provided to all notebook holders. Future inserts will be accompanied by updated tables of contents.

Also enclosed is a draft Process Control Plan (PCP-002) and a Waste Form Interim Qualification Report. Both are designed to support production of a tightly controlled 20% TDS cement waste form for washed sludge liquids in Tank 8D-2.

Based upon our discussions on April 16, 1992, we are requesting your review and interim concurrence of the Interim Qualification Report such that we may proceed with waste form production on May 22, 1992. As you know, we will meet with you and your waste form experts on May 6, 1992, to review preliminary comments and provide any additional data available from our laboratory studies.

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If you have any questions, please call me on (716) 942-4314.

Sincerely,



T. J. Rowland, Director
West Valley Project Office

Enclosures: Documentation (4 copies)
Volume 1
Volume 2 Inserts
PCP-002 Draft
Waste Form Interim Qualification Report

WSK:030:92 - C776:92:10

WSK/mls