



Department of Energy
West Valley Demonstration Project
10282 Rock Springs Road
West Valley, NY 14171-9799

April 27, 2015

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Director, Division of Spent Fuel Management
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

SUBJECT: Superseded Version of Responses to U.S. Nuclear Regulatory Commission's (NRC) Request for Additional Information (RAI) on the Safety Analysis Report for the West Valley Melter Package (SARWVMP-01) (Docket Number 71-9797, TAC No. L24959)

- REFERENCES: 1) Letter DWS:365399, B. C. Bower to P. Saverot, "Responses to U.S. Nuclear Regulatory Commission's (NRC) Request for Additional Information (RAI) on the Safety Analysis Report for the West Valley Melter Package (SARWVMP-01) (Docket Number 71-9797, TAC No. L24959)," dated April 16, 2015
- 2) Letter (365119), P. Saverot to D. W. Sullivan, "West Valley Melter Package Application – Request for Additional Information," dated February 5, 2015

Dear Sir or Madam:

The U.S. Department of Energy (DOE) West Valley Demonstration Project (WVDP) is hereby submitting the DOE responses to the U.S. Nuclear Regulatory Commission's (NRC) Request for Additional Information (RAI) on the Safety Analysis Report for the West Valley Melter Package (SARWVMP-01) (Docket Number 71-9797).

As requested by NRC, the enclosure contains a hard copy (three binder set) of the RAI Response Matrix and Revision 1 of the SARWVMP-01. The enclosures supersede the version forwarded to you on April 16, 2015 to address formatting issues.

Should you have questions about the transmittal enclosed, please contact Dan Sullivan of my staff at (716) 942-4016 or me at (716) 942-4368.

Sincerely,

Bryan C. Bower, Director
West Valley Demonstration Project

Enclosure: See Page 2

cc: See Page 2

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Sir or Madam

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Enclosure: One paper copy consisting of:

- Binder 1:
 - o Responses to the U.S. Nuclear Regulatory Commission Request for Additional Information on the Safety Analysis Report for the West Valley Melter Package (SARWVMP-01), April 2015, RAI Response Matrix
 - o Safety Analysis Report for the West Valley Melter Package (SARWVMP-01), Docket Number 71-9797, Revision 1, April 2015, Executive Summary, Chapters 1 through 8
- Binder 2:
 - o References for Chapters 1 through 3
- Binder 3:
 - o References for Chapters 4 through 8

cc: L. M. Michalczak, CHBWV, WV-DEPO, w/o enc.
J. R. Craig, DOE-EMCBC, Office of the Director, w/o enc.
R. E. Holland, DOE-EMCBC, Office of the Director, w/o enc.
J. S. Kang, DOE-HQ, EM-31, w/o enc.
J. M. Shuler, DOE-HQ, EM-33, w/o enc.
P. Saverot, NRC, T4-B34, w/o enc.
L. F. Gelder, SRNL, EM-72, w/o enc.

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