



**Department of Energy**  
Washington, DC 20585

October 16, 2014

Attention: Document Control Desk  
Pierre Saverot  
Project Manager  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management,  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Dear Pierre Saverot:

The Department of Energy Packaging Certification Program (PCP) requests Special Package Authorization from NRC in accordance with 10 CFR 71.41(d), based on *Safety Analysis Report for the West Valley Melter Package*, SARWVMP-01, Revision 0, USNRC Docket No. 71-9797, TAC No. L24918.

A copy of this letter, Safety Analysis Report, and following attached application submittal listing will be mailed to you at the Three White Flint North, 11601 Landsdown Street, North Bethesda, MD 20852 (1 paper copy with affidavit and seven disc copies for staff).. This letter, SAR, and supporting documentation, with "Proprietary" information removed, will be submitted by paper copy to the Document Control Desk.

Mr. Daniel W. Sullivan is the technical contact for this docket. If you have any questions or need more details please contact Dan at (716) 942-4016 or [daniel.w.sullivan@wv.doe.gov](mailto:daniel.w.sullivan@wv.doe.gov), or me at (301) 903-5513, [james.shuler@doe.em.gov](mailto:james.shuler@doe.em.gov).

A handwritten signature in cursive script that reads "James M. Shuler".

James M. Shuler

Manager, DOE Packaging Certification Program  
U.S. Department of Energy  
Office of Packaging and Transportation  
EM-33, CLOV-2047  
1000 Independence Ave, SW  
Washington, DC 20585

NM5501

**Application Submittal Listing  
Docket No. 71-9797, TAC No. L24918  
West Valley Melter Package**

**Document Control Desk:**

**Three binders (hard copy) containing :**

"Safety Analysis Report for the West Valley Melter Package" [SARWWMP-01], Docket Number 71-9797, Revision 0, October 2014

- Executive Summary
- Chapters 1 – 8
- References and Calculations
  - o References cited in Chapters 1 through 8 as being "provided" (i.e., references which are not readily available to the NRC)
  - o Calculations for Structural, Thermal, and Containment Chapters

Note: These binders do not contain Proprietary Documents (Chapter 1 drawing and the calculation for Shielding Chapter)

**Review Copies:**

**One hard copy consisting of:**

- A) Affidavit Concerning Request for Withholding Proprietary Information Contained in the Safety Analysis Report (Document Number 71-9797)
- B) Completeness Checklist for the Safety Analysis Report for the West Valley Melter Package" [SARWWMP-01], Revision 0, October 13, 2014 (One Separate Binder)
- C) "Safety Analysis Report for the West Valley Melter Package" [SARWWMP-01], Docket Number 71-9797, Revision 0, October 2014
  - Binder 1:
    - o Executive Summary, Chapters 1 through 8
  - Binder 2:
    - o References for Chapters 1 through 3 and calculations for Structural and Thermal Chapters
  - Binder 3:
    - o References for Chapters 4 through 8 and calculations for Containment Chapter
  - Binder 4:
    - o Proprietary documents (one drawing and calculation for Shielding Chapter)

**Seven Disk Sets consisting of:**

- Disk 1:
  - o Completeness Checklist
  - o Executive Summary, Chapters 1 through 8
- Disk 2:
  - o References for all chapters and calculations for Structural, Thermal, and Containment Chapters
- Disk 3:
  - o Proprietary Documents (one drawing and calculation for Shielding Chapter)
- Disk 4:
  - o Input/Output files for Chapter 2 (Structural) and 5 (Shielding)