



Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518



JUL 06 2010

Bryan C. Bower, DOE-WVDP Director, West Valley, NY

APPROVAL TO SHIP WEST VALLEY ENVIRONMENTAL SERVICES (WVES) LOW-LEVEL RADIOACTIVE WASTE TO THE NEVADA TEST SITE (NTS)

WVES has completed the waste profile approval process described in the Nevada Test Site Waste Acceptance Criteria (NTSWAC), Revision 7-01. The National Nuclear Security Administration Nevada Site Office (NNSA/NSO) has reviewed and commented on the following waste profile:

<u>Waste Profile</u>	<u>Revision and Date</u>	<u>Description</u>
WVDP-000000021	Rev. 1, 05/24/2010	Vitrification Melter – Pending WIR Approval

NNSA/NSO conditionally approves the shipment and disposal of the subject waste stream under the requirements of the NTSWAC, Revision 7-01, and the WVES Waste Certification Program. The enclosure lists the current WVES approvals and supersedes all previous approval memoranda.

Conditional Approval: Waste will be accepted only if it is determined to be waste incidental to reprocessing (WIR) in accordance with DOE Order 435.1. WVES must notify NTS at least 90 days prior to shipment.

Prior to initiating shipment of this waste stream, please notify National Security Technologies, LLC (NSTec) Disposal Operations personnel at (702) 295-6811 with a planned shipping date. NSTec will ensure sufficient disposal capacity is available and provide the necessary equipment and personnel for disposal activities.

If you have any questions or comments, please contact James J. Cebe, Waste Management Project, at (702) 295-0957.

E. Frank Di Sanza
Federal Project Director
Waste Management Project

WMP:6577.JJC

Enclosure:
As stated

cc w/encl. via e-mail:

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NNSA/NSO Read File

Nevada Test Site Approval Status - 06/30/2010

West Valley Environmental Services (WVDP), West Valley, New York

WASTE STREAM(s)

<u>Waste Profile Number</u>	<u>Revision # and Date</u>	<u>Current Approval Date</u>	<u>Waste Profile Name</u>
WVDP-000000001	3 11/21/2005	12/23/2005	VEMP Airborne Contaminated Material
WVDP-000000003	9 06/09/2003	07/23/2009	FRS Debris and Filters
WVDP-000000004	0 12/30/2003	03/04/2004	Condensate Tank Debris
WVDP-000000006	2 12/15/2005	03/02/2006	Glass & Slurry Contaminated Debris ^{1,3}
WVDP-000000008	0 09/20/2004	11/30/2004	Sodium Bearing Waste
WVDP-000000010	1 11/13/2006	11/21/2006	Product Purification Cell-South Low Density Waste
WVDP-000000012	4 07/14/2009	07/31/2009	Extraction Cell #2 Low Density Waste ²
WVDP-000000013	7 06/15/2009	10/05/2009	Contaminated Concrete and General Debris ^{2,3}
WVDP-000000014	3 07/01/2009	07/29/2009	Head End Cell Debris ³
WVDP-000000015	3 06/16/2009	07/23/2009	CPC Jumpers and General Debris ³
WVDP-000000016	0 10/17/2005	11/14/2005	LLW Contaminated Soil and Debris ^{2,3}
WVDP-000000018	1 11/17/2006	12/14/2006	Drum Cell Cement Solidified Waste
WVDP-000000019	3 06/09/2009	07/31/2009	Solidified UNH Cement Waste Form ^{2,4}
WVDP-000000020	0 08/07/2007	08/20/2007	High Alpha Debris
WVDP-000000021	1 05/24/2010	Cvr Ltr Date	Vitrification Melter - Pending WIR Approval ⁵

¹ WVDP-000000006: West Valley must notify NTS Operations when packages are greater than 100 mR at 30 cm.

² Shipments containing tritium (H-3) should arrive at the Nevada Test Site no later than 1200 hours to allow ample time for off loading, survey, and swipe analysis.

³ Packages containing lead liners must be marked "Contains Lead Liner" on the outside of the package. NTS Operations must be notified prior to shipping any container which contains lead shielding. For lead shielded containers that have been evaluated per SOP 300-07, *Waste Generation, Packaging, and On-Site Transportation*, Appendix Q, Use of Lead Shielding, please provide the Microshield® calculations to Jim Cebe of NNSA/NSO at least seven (7) days in advance of waste shipment.

- 4 WVDP-000000019: Please provide a two week notice to NSTec Operations and RWAP Manager prior to shipping waste related with this profile when utilizing end dump trailers.
- 5 WVDP-000000021: This waste will be accepted for disposal only if the waste is determined to be Waste Incidental to Reprocessing (WIR) in accordance with DOE Order 435.1. West Valley must notify NTS Operations at least 90 days prior to shipment of this waste stream. This will allow ample time for NTS Operations to develop a detailed lift plan for this heavy waste stream.

WASTE CERTIFICATION PROGRAM

<u>WCPP - QAP Designation</u>	<u>Revision and Date</u>	<u>WCPP - QAP Title</u>
WVDP-339	15 01/25/10	Radioactive Waste Certification Program Plan

NIC Rev Date: 01/25/2010 **NIC Revision Due:** 01/25/2011

ASSESSMENT STATUS

Last RWAP Facility Evaluation: Scheduled Biennial Audit:
 RWAP-A-09-01, 10/08