

***Environmental Management***

Los Alamos Field Office
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Los Alamos, New Mexico 87545
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National Nuclear Security Administration

Los Alamos Field Office
3747 West Jemez Road, MS A316
Los Alamos, New Mexico 87544
(505) 667-5105/Fax (505) 667-5948

Date: November 2, 2020
Refer To: N3B-2020-0390

Ms. Siona Briley, STP Project Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6313

Subject: Notice of Completion of Off-Site Waste Shipment for Final Disposal, Activity 3.3.4, Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los Alamos National Laboratory

Dear Ms. Briley:

This letter notifies the New Mexico Environment Department (NMED) that Newport News Nuclear BWXT-Los Alamos, LLC (N3B) has completed required activities at Los Alamos National Laboratory as set forth in the Federal Facility Compliance Order (FFCO), Section 3.3.4 in the Part III Compliance Plan (CP) of the Site Treatment Plan (STP).

Activity 3.3.4 in the Part III CP of the STP requires that "within 45 days of receipt of the waste at treatment facility or within 45 days after completion of parallel option" the U.S. Department of Energy (DOE) and N3B "provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."

N3B shipped a total of thirty-eight (38) containers of mixed low-level waste (MLLW) on September 23, 2020, (shipment PF109638) to Perma-Fix Northwest, Inc., in Richland, Washington. The September 23, 2020, shipment consisted of one (1) 55-gal. drum and thirty-seven (37) 85-gal. drums and was received at Perma-Fix Northwest, Inc., on September 28, 2020.

N3B shipped a total of thirty-six (36) containers of MLLW on September 28, 2020, (shipment PF109668) to Perma-Fix Northwest, Inc., in Richland, Washington. The September 28, 2020, shipment consisted of one (1) 55-gal. drum, eight (8) 85-gal. drums, and twenty-seven (27) 110-gal. drums and was received at Perma-Fix Northwest, Inc., on October 1, 2020.

N3B shipped a total of ten (10) containers of MLLW on September 29, 2020, (shipment PF109698) to Perma-Fix Northwest, Inc., in Richland, Washington. The September 29, 2020, shipment consisted of two (2) 55-gal. drum, four (4) 85-gal. drums, and four (4) 110-gal. drums and was received at Perma-Fix Northwest, Inc., on October 5, 2020.

N3B shipped a total of eight (8) containers of mixed low-level waste (MLLW) on September 30, 2020, (shipment PF1904022) to Perma-Fix Northwest, Inc., in Richland, Washington. The September 30, 2020, shipment consisted of five (5) 85-gal. drums and three (3) 110-gal. drums and was received at Perma-Fix Northwest, Inc., on October 5, 2020.

Shipment details are provided in Table 1.

Table 1
STP-Covered MLLW Shipments from September 23, 28, 29, and 30, 2020

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Volume Shipped (m ³)	Shipment Date
3.3.4	W789282	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W789993	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W789998	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790001	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790003	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790005	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790007	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790009	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790011	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790061	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790063	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790065	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790073	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790075	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790077	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790101	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790103	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790105	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790107	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790109	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790134	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790150	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790151	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790231	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W790232	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W791217	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W791219	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W791317	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W791382	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Volume Shipped (m ³)	Shipment Date
3.3.4	W791477	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W791479	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W791481	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W791712	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W791755	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W794573	LA-W935	10–100 nCi/g Waste	013908773FLE	0.208	0.208	9/23/2020
3.3.4	W794681	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W796951	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W801043	LA-W935	10–100 nCi/g Waste	013908773FLE	0.322	0.322	9/23/2020
3.3.4	W751726	LA-W935	10–100 nCi/g Waste	013908774FLE	0.322	0.322	9/28/2020
3.3.4	W762977	LA-W935	10–100 nCi/g Waste	013908774FLE	0.322	0.322	9/28/2020
3.3.4	W770420	LA-W935	10–100 nCi/g Waste	013908774FLE	0.208	0.208	9/28/2020
3.3.4	W786385	LA-W935	10–100 nCi/g Waste	013908774FLE	0.322	0.322	9/28/2020
3.3.4	W792865	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W792866	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W792871	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W792872	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W793876	LA-W935	10–100 nCi/g Waste	013908774FLE	0.322	0.322	9/28/2020
3.3.4	W794017	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W794018	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W794020	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W794714	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W794715	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W795674	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W797958	LA-W935	10–100 nCi/g Waste	013908774FLE	0.322	0.322	9/28/2020
3.3.4	W799731	LA-W935	10–100 nCi/g Waste	013908774FLE	0.322	0.322	9/28/2020
3.3.4	W799925	LA-W935	10–100 nCi/g Waste	013908774FLE	0.322	0.322	9/28/2020
3.3.4	W801753	LA-W935	10–100 nCi/g Waste	013908774FLE	0.322	0.322	9/28/2020
3.3.4	W839370	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839371	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839372	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839373	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839383	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839407	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839527	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839528	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839529	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839545	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839546	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839550	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839551	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839552	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839553	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020
3.3.4	W839698	LA-W935	10–100 nCi/g Waste	013908774FLE	0.416	0.416	9/28/2020

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Volume Shipped (m ³)	Shipment Date
3.3.4	W839699	LA-W935	10–100 nCi/g Waste	013908775FLE	0.416	0.416	9/28/2020
3.3.4	W20227	LA-W935	10–100 nCi/g Waste	013908775FLE	0.208	0.208	9/29/2020
3.3.4	W793423	LA-W935	10–100 nCi/g Waste	013908775FLE	0.322	0.322	9/29/2020
3.3.4	W794466	LA-W935	10–100 nCi/g Waste	013908775FLE	0.416	0.416	9/29/2020
3.3.4	W795166	LA-W935	10–100 nCi/g Waste	013908775FLE	0.416	0.416	9/29/2020
3.3.4	W795966	LA-W935	10–100 nCi/g Waste	013908775FLE	0.416	0.416	9/29/2020
3.3.4	W799538	LA-W935	10–100 nCi/g Waste	013908775FLE	0.322	0.322	9/29/2020
3.3.4	W801038	LA-W935	10–100 nCi/g Waste	013908775FLE	0.322	0.322	9/29/2020
3.3.4	W801110	LA-W935	10–100 nCi/g Waste	013908775FLE	0.322	0.322	9/29/2020
3.3.4	W801113	LA-W935	10–100 nCi/g Waste	013908775FLE	0.322	0.322	9/29/2020
3.3.4	W841093	LA-W935	10–100 nCi/g Waste	013908775FLE	0.208	0.208	9/29/2020
3.3.4	W763497	LA-W935	10–100 nCi/g Waste	013908776FLE	0.322	0.322	9/30/2020
3.3.4	W773058	LA-W935	10–100 nCi/g Waste	013908776FLE	0.322	0.322	9/30/2020
3.3.4	W794969	LA-W935	10–100 nCi/g Waste	013908776FLE	0.416	0.416	9/30/2020
3.3.4	W795970	LA-W935	10–100 nCi/g Waste	013908776FLE	0.416	0.416	9/30/2020
3.3.4	W796066	LA-W935	10–100 nCi/g Waste	013908776FLE	0.416	0.416	9/30/2020
3.3.4	W799729	LA-W935	10–100 nCi/g Waste	013908776FLE	0.322	0.322	9/30/2020
3.3.4	W799979	LA-W935	10–100 nCi/g Waste	013908776FLE	0.322	0.322	9/30/2020
3.3.4	W801109	LA-W935	10–100 nCi/g Waste	013908776FLE	0.322	0.322	9/30/2020
Totals					32.270	32.270	

Note: The volume of 0.416 m³ is representative of a 110-gal. drum. The volume of 0.322 m³ is representative of an 85-gal. drum. The volume of 0.208 m³ is representative of a 55-gal. drum.

Copies of the waste manifests are enclosed (Manifests 013908773FLE, 013908774FLE, 013908775FLE, and 013908776FLE).

If you have any questions, please contact Anthony Stone at (505) 257-7431 (anthony.stone@em-la.doe.gov) or Elizabeth Churchill at (505) 257-7905 (elizabeth.churchill@em.doe.gov).

Certification

In accordance with the requirements of Section XX of the FFCO, "Documents, Information, and Reporting Requirements," we certify, as the project managers responsible for overseeing the implementation of the STP for N3B and for DOE's Environmental Management Los Alamos Field Office (EM-LA) that, to the best of our knowledge, the information in the document is true, accurate, and complete.

Sincerely,



Anthony Stone
STP Project Manager
Environment, Safety, and Health
N3B-Los Alamos

Sincerely,



Elizabeth Churchill
STP Project Manager
Environmental Management
Los Alamos Field Office

Enclosure(s): 1. Manifests 013908773FLE, 013908774FLE, 013908775FLE, and 013908776FLE

cc (letter and enclosure[s] emailed):

Laurie King, EPA Region 6, Dallas, TX
Siona Briley, NMED-HWB
Peter Maggiore, NA-LA
Adrienne Nash, NA-LA
Jody Pugh, NA-LA
Darlene Rodriguez, NA-LA
M. Lee Bishop, EM-LA
Elizabeth Churchill, EM-LA
Stephen Hoffman, EM-LA
Jesse Kahler, EM-LA
Kirk D. Lachman, EM-LA
David Nickless, EM-LA
Cheryl Rodriguez, EM-LA
Ben Underwood, EM-LA
Pete Carson, LANL
William Mairson, LANL
Ellena Martinez, LANL
Avril Millensted, LANL
Patrick L. Padilla, LANL
Sandra Story-Hughes, LANL
Enrique Torres, LANL
William Alexander, N3B
Carol Anderson, N3B

Victoria Baca, N3B
Lacey Bruaw, N3B
Emily Day, N3B
Mary Erwin, N3B
Ellen Gammon, N3B
Stephanie Q. Griego, N3B
Thomas Harrison, N3B
Debby Holgerson, N3B
Jeff Holland, N3B
Kim Lebak, N3B
Joseph Legare, N3B
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Pamela Maestas, N3B
Jason Moore, N3B
Glenn Morgan, N3B
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epc-correspondence@lanl.gov
rcra-prr@lanl.gov

Pamela T. Maestas

From: Briley, Siona, NMENV <Siona.Briley@state.nm.us>
Sent: Monday, November 2, 2020 2:22 PM
To: Pamela T. Maestas
Cc: Dhawan, Neelam, NMENV; Schatz, Mitchell, NMENV; Anthony R. Stone; Martinez, Cynthia, NMENV; Elizabeth Churchill; Nash, Adrienne Lyn; Martinez, Ellena Isabel; Millensted, Avril D
Subject: RE: Submittal to NMED on 11/2/2020 of Notice of Comp Off-Site Waste Shipment Sep 23, 28, 29, 30

Pamela,

NMED has received *Notice of Completion of Off-Site Waste Shipment for Final Disposal, Activity 3.3.4, Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los Alamos National Laboratory (N3B-2020-0390, letter and enclosure* on November 2, 2020.

Thank you,

Siona L. Briley
Environmental Specialist
New Mexico Environment Department
Hazardous Waste Bureau
Santa Fe: (505) 476-6049
Albuquerque: (505)222-9582

siona.briley@state.nm.us
<https://www.env.nm.gov/>



From: Pamela T. Maestas <pamela.maestas@em-la.doe.gov>
Sent: Monday, November 2, 2020 2:18 PM
To: Briley, Siona, NMENV <Siona.Briley@state.nm.us>
Cc: Dhawan, Neelam, NMENV <neelam.dhawan@state.nm.us>; Emily M. Day <Emily.Day@em-la.doe.gov>; Regulatory Documentation <RegDocs@EM-LA.DOE.GOV>; Martinez, Cynthia, NMENV <cynthia.martinez1@state.nm.us>; Anthony R. Stone <Anthony.Stone@EM-LA.DOE.GOV>; Elizabeth Churchill <elizabeth.churchill@em.doe.gov>
Subject: [EXT] Submittal to NMED on 11/2/2020 of Notice of Comp Off-Site Waste Shipment Sep 23, 28, 29, 30

Ms. Briley,

Attached for submittal is a pdf of the following:

- Notice of Completion of Off-Site Waste Shipment for Final Disposal, Activity 3.3.4, Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los Alamos National Laboratory (N3B-2020-0390, letter and enclosure)

Please acknowledge receipt of this submittal by responding to this email.
Let me know if you have any questions.

Thank you.

Pamela T. Maestas

Regulatory Documentation Manager

Newport News Nuclear BWXT-Los Alamos, LLC

c. 505-927-7882

regdocs@em-la.doe.gov

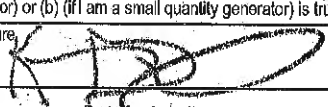
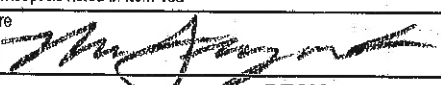


1200 Trinity Drive, Suite 150

Los Alamos, NM 87544

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NN0890010515		2. Page 1 of 5	3. Emergency Response Phone 505-667-2400		4. Manifest Tracking Number 013908773 FILE		
5. Generator's Name and Mailing Address ATTN: KAREN DEWEES-LEE N3B LLC on behalf of USDOE 1200 Trinity Drive, Suite 150, MS E527 Los Alamos, NM 87544					Generator's Site Address (if different than mailing address) N3B LLC on behalf of USDOE Los Alamos, NM 87544				
Generator's Phone: 5056950230									
6. Transporter 1 Company Name MP Environmental Services, Inc. (AZ)					U.S. EPA ID Number CAT000624247				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address Perma-Fix Northwest, Inc. 2025 Battelle Blvd Richland, WA 99354					U.S. EPA ID Number WAR000010355				
Facility's Phone: 5093755150									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X 1	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (PU-239, PU-240, AM-241, PU-241), SOLID OXIDE, 2.45E-04 TRQ			1 DM		36	K	D004 D005 D006 D007 D008 D009
	X 2	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, PU-240, SOLID OXIDE, 2.45E-04 TRQ			1 DM		147	K	D001 D004 D005 D006 D007 D008
	X 3	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, PU-240, SOLID OXIDE, 2.70E-04 TRQ			1 DM		146	K	D001 D004 D005 D006 D007 D008
	X 4	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, PU-240, SOLID OXIDE, 2.77E-04 TRQ			1 DM		146	K	D001 D004 D005 D006 D007 D008
14. Special Handling Instructions and Additional Information 1.1 46967, W799454, 162 1.2 48424, W790231, 162 1.3 48424, W790103, 162 1.4 48424, W790109, 162 EXCLUSIVE USE SHIPMENT 2020-LOAL-0001 Rev. 02 (Mixed Low Level Debris)									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name KAREN DEWEES-LEE					Signature 		Month Day Year 9 23 20		
INTL	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: Paul Roland Signature:  Month Day Year: 9 23 20 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month Day Year: _____								
TRANSPORTER	18. Discrepancy								
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____								
	Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year: _____								
DESIGNATED FACILITY	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
	1. _____		2. H110		3. H110		4. H110		
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: Nick Sargent Signature:  Month Day Year: 9 28 20								

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NM0890010515	22. Page 2 of 5	23. Manifest Tracking Number 013908773FLE		
24. Generator's Name N3B LLC on behalf of USDOE ... Los Alamos, NM 87544 N3B LLC on behalf of USDOE						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes
x 5	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7. AM-241, PU-239, PU-240, SOLID OXIDE, 2.90E-04 TBQ	1	DM	140	K	D001 D004 D005 D006 D007 D008
x 6	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7. AM-241, PU-239, PU-240, SOLID OXIDE, 2.92E-04 TBQ	1	DM	140	K	D001 D004 D005 D006 D007 D008
x 7	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7. AM-241, PU-239, PU-240, SOLID OXIDE, 2.94E-04 TBQ	1	DM	140	K	D001 D004 D005 D006 D007 D008
x 8	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7. AM-241, PU-239, PU-240, SOLID OXIDE, 2.99E-04 TBQ	1	DM	147	K	D001 D004 D005 D006 D007 D008
x 9	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7. AM-241, PU-239, PU-240, SOLID OXIDE, 3.98E-04 TBQ	1	DM	146	K	D001 D004 D005 D006 D007 D008
x 10	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7. AM-241, PU-239, PU-240, SOLID OXIDE, 4.05E-04 TBQ	1	DM	147	K	D001 D004 D005 D006 D007 D008
x 11	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7. AM-241, PU-239, PU-240, SOLID OXIDE, 4.17E-05 TBQ	1	DM	67	K	D001 D004 D005 D006 D007 D008
x 12	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7. AM-241, PU-239, PU-240, SOLID OXIDE, 4.21E-04 TBQ	1	DM	147	K	D001 D004 D005 D006 D007 D008
x 13	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7. AM-241, PU-239, PU-240, SOLID OXIDE, 4.31E-04 TBQ	1	DM	148	K	D001 D004 D005 D006 D007 D008
x 14	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7. AM-241, PU-239, PU-240, SOLID OXIDE, 2.9 40424, W790009, 162	1	DM	147	K	D001 D004 D005 D006 D007 D008
32. Special Handling Instructions and Additional Information						
2.5 40424, W790009, 162 2.6 40424, W791217, 162 2.7 40424, W790009, 162 2.8 40424, W791755, 162 2.9 40424, W790107, 162 2.10 40424, W789998, 162 2.11 40424, W796951, 162 2.12 40424, W790001, 162 2.13 40424, W790150, 162 2.14 40424, W790054, 162						
33. Transporter Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
34. Transporter Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
H110 H110 H110 H110 H110						
H110 H110 H110 H110 H110						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NN0090010515	22. Page 3 of 5	23. Manifest Tracking Number 013908773FLE			
24. Generator's Name N3B LLC on behalf of USDOE Los Alamos, NM 87544 N3B LLC on behalf of USDOE							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
x	15	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, PU-240, SOLID OXIDE, 7.70E-05 TBQ	1	DM	68	K	0001 0004 0005 0006 0007 0008
x	16	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, SOLID OXIDE, 4.48E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
x	17	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, SOLID OXIDE, 5.29E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
x	18	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 2.36E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
x	19	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 2.40E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
x	20	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 2.40E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
x	21	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 2.41E-04 TBQ	1	DM	149	K	0001 0004 0005 0006 0007 0008
x	22	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 2.43E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
x	23	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 2.43E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
x	24	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 2.43E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
32. Special Handling Instructions and Additional Information							
3.15 48424, W801043, 162			3.19 48424, W790011, 162				
3.16 48424, W790005, 162			3.20 48424, W790075, 162				
3.17 48424, W791317, 162			3.21 43578, W791401, 162				
3.18 48424, W790063, 162			3.22 48424, W789993, 162				
			3.23 48424, W790055, 162				
			3.24 48424, W790191, 162				
33. Transporter Acknowledgment of Receipt of Materials							
Printed/Typed Name			Signature		Month Day Year		
34. Transporter Acknowledgment of Receipt of Materials							
Printed/Typed Name			Signature		Month Day Year		
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
H110 H110 H110 H110 H110							
H110 H110 H110 H110 H110							

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NH0090010515	22. Page 4 of 5	23. Manifest Tracking Number 013908773FLE		
24. Generator's Name N3B LLC on behalf of USDOE ..., Los Alamos, NM 87544 N3B LLC on behalf of USDOE						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
x 25	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 2.59E-04 TBQ	1	DM	146	K	0001 0004 0005 0006 0007 0008
x 26	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, SOLID OXIDE, 1.87E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
x 27	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, SOLID OXIDE, 2.03E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
x 28	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, SOLID OXIDE, 2.41E-04 TBQ	1	DM	147	K	0001 0004 0005 0006 0007 0008
x 29	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, SOLID OXIDE, 2.50E-04 TBQ	1	DM	148	K	0001 0004 0005 0006 0007 0008
x 30	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, SOLID OXIDE, 2.51E-04 TBQ	1	DM	150	K	0001 0004 0005 0006 0007 0008
x 31	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, SOLID OXIDE, 2.38E-04 TBQ	1	DM	153	K	0001 0004 0005 0006 0007 0008
x 32	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, SOLID OXIDE, 2.60E-04 TBQ	1	DM	145	K	0001 0004 0005 0006 0007 0008
x 33	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, SOLID OXIDE, 2.61E-04 TBQ	1	DM	148	K	0001 0004 0005 0006 0007 0008
32. Special Handling Instructions and Additional Information						
4. 25 48424, W790134, 162		4. 29 48424, W790061, 162				
4. 26 48424, W790105, 162		4. 30 48424, W790007, 162				
4. 27 48424, W790232, 162		4. 31 48424, W791219, 162				
4. 28 48424, W791382, 162		4. 32 48424, W791477, 162				
		4. 33 48424, W790101, 162				
		4. 34 48424, W791712, 162				
33. Transporter _____ Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
34. Transporter _____ Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
H110		H110		H110		H110
H110		H110		H110		H110

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NN0890010515	22. Page of 5	23. Manifest Tracking Number 013908773FLE		
24. Generator's Name N3B LLC on behalf of USDOE Los Alamos, NM 87544 N3B LLC on behalf of USDOE						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
GENERATOR	x 35 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 2.10E-04 TBQ	1	DM	147	K	D001 D004 D005 D006 D007 D008
	x 36 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 2.31E-04 TBQ	1	DM	153	K	D001 D004 D005 D006 D007 D008
	x 37 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 2.33E-04 TBQ	1	DM	140	K	D001 D004 D005 D006 D007 D008
	x 38 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 3.24E-04 TBQ	1	DM	140	K	D004 D005 D006 D007 D008 D009
	x 39 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, SOLID OXIDE, 1.10E-03 TBQ	1	DM	213	K	D004 D005 D006 D007 D008 D009
	x 40 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, SOLID OXIDE, 5.60E-05 TBQ	1	DM	44	K	D004 D005 D006 D007 D008 D009
32. Special Handling Instructions and Additional Information 5.39 46967, W794681, 162 5.40 46967, W794673, 162						
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
	34. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
DESIGNATED FACILITY	35. Discrepancy _____					
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H110 H110 H110 H110 H110 H110					



Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NH0890010315	2. Page 1 of 5	3. Emergency Response Phone 505-667-2400	4. Manifest Tracking Number 013908774 FLE		
5. Generator's Name and Mailing Address ATTN: KAREN DEVEES-LEE N3B LLC on behalf of USDOE 1200 Trinity Drive, Suite 150, MS ES27 Los Alamos, NM 87544 Generator's Phone: 505-667-2400			Generator's Site Address (if different than mailing address) N3B LLC on behalf of USDOE Los Alamos, NM 87544				
6. Transporter 1 Company Name MP Environmental Services, Inc. (AZ)			U.S. EPA ID Number CAT000624247				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Perma-Fix Northwest, Inc. 2025 Battelle Blvd Richland, WA 99354 Facility's Phone: 5093755160			U.S. EPA ID Number WAR000010355				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit-Wt./Vol.	13. Waste Codes
			No.	Type			
	x 1	RD, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AN-241, PU-239, PU-240, SOLID OXIDE, 3.34E-04 TBQ	1	DM	178	K	D004 D005 D006 D007 D008 D009
	x 2	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AN-241, PU-239, PU-240, SOLID OXIDE, 4.04E-04 TBQ	1	DM	160	K	D004 D005 D006 D007 D008 D009
	x 3	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AN-241, PU-240, PU-241, SOLID OXIDE, 1.12E-04 TBQ	1	DM	68	K	D004 D005 D006 D007 D008 D009
x 4	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AN-241, PU-240, PU-241, SOLID OXIDE, 2.88E-04 TBQ	1	DM	327	K	D004 D005 D006 D007 D008 D009	
14. Special Handling Instructions and Additional Information 1.1 48843, W770420, 162 1.2 46967, W786385, 162 1.3 46967, W799731, 162 1.4 48843, W752977, 162 EXCLUSIVE USE SHIPMENT 2020-LOAL-0001 R.02 Mixed Low-Level Debris							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small-quantity generator) is true.							
Generator's/Offor's Printed/Typed Name KAREN DEVEES-LEE			Signature 			Month Day Year 9 28 20	
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	Transporter signature (for exports only):						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name Hector Garcia	Signature 	Month Day Year 9 28 20				
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name	Signature 	Month Day Year				
	18. Discrepancy						
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H110		2. H110		3. H110		4. H110	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name Nick Sargent		Signature 		Month Day Year 10 1 20			

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number WM8990010515	22. Page 2 of 5	23. Manifest Tracking Number 013908774FLE			
24. Generator's Name N3B LLC on behalf of USDOE ..., Los Alamos, NM 87544 N3B LLC on behalf of USDOE							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
GENERATOR	27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	x 5	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AN-241, PU-240, PU-241, SOLID OXIDE, 1.00E-04 TBQ	1	DM	107	K	D004 D005 D006 D007 D008 D009
	x 6	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AN-241, PU-240, SOLID OXIDE, 1.00E-04 TBQ	1	DM	115	K	D004 D005 D006 D007 D008 D009
	x 7	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.00E-04 TBQ	1	DM	110	K	D004 D005 D006 D007 D008 D009
	x 8	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.00E-04 TBQ	1	DM	115	K	D004 D005 D006 D007 D008 D009
	x 9	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.00E-04 TBQ	1	DM	112	K	D004 D005 D006 D007 D008 D009
	x 10	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.00E-04 TBQ	1	DM	115	K	D004 D005 D006 D007 D008 D009
	x 11	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.00E-04 TBQ	1	DM	113	K	D004 D005 D006 D007 D008 D009
	x 12	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.00E-04 TBQ	1	DM	116	K	D004 D005 D006 D007 D008 D009
	x 13	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.00E-04 TBQ	1	DM	113	K	D004 D005 D006 D007 D008 D009
	x 14	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.00E-04 TBQ	1	DM	113	K	D004 D005 D006 D007 D008 D009
	32. Special Handling Instructions and Additional Information 2.5 46967, W797958, 162 2.6 46967, W839550, 162 2.7 46967, W792872, 162 2.8 46967, W839407, 162 2.9 46967, W839529, 162 2.10 46967, W795674, 162 2.11 46967, W839372, 162 2.12 46967, W839373, 162 2.13 46967, W839528, 162 2.14 46967, W792865, 162						
	TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials					
		Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials						
	Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
H110 H110 H110 H110 H110							
H110 H110 H110 H110 H110							

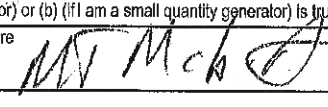
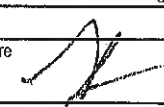
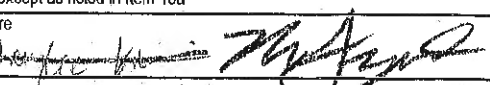
UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NN0890010515	22. Page 3 of 5	23. Manifest Tracking Number 013908774FLE			
24. Generator's Name N3B LLC on behalf of USDOE ... Los Alamos, NM 87544 N3B LLC on behalf of USDOE							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	x	15 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.15E-04 TBQ	1	DM	114	K	D004 D005 D006 D007 D008 D009
	x	16 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.15E-04 TBQ	1	DM	114	K	D004 D005 D006 D007 D008 D009
	x	17 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.15E-04 TBQ	1	DM	113	K	D004 D005 D006 D007 D008 D009
	x	18 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.17E-04 TBQ	1	DM	111	K	D004 D005 D006 D007 D008 D009
	x	19 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.19E-04 TBQ	1	DM	112	K	D004 D005 D006 D007 D008 D009
	x	20 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.19E-04 TBQ	1	DM	111	K	D004 D005 D006 D007 D008 D009
	x	21 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.22E-04 TBQ	1	DM	117	K	D004 D005 D006 D007 D008 D009
	x	22 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.20E-04 TBQ	1	DM	120	K	D004 D005 D006 D007 D008 D009
	x	23 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.31E-04 TBQ	1	DM	117	K	D004 D005 D006 D007 D008 D009
x	24 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.40E-04 TBQ	1	DM	114	K	D004 D005 D006 D007 D008 D009	
32. Special Handling Instructions and Additional Information			3.19 46967, W839545, 162 3.20 46967, W839599, 162 3.21 46967, W839531, 162 3.22 46967, W839531, 162 3.23 46967, W792871, 162 3.24 46967, W794714, 162				
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials		Signature _____ Month _____ Day _____ Year _____				
	34. Transporter _____ Acknowledgment of Receipt of Materials		Signature _____ Month _____ Day _____ Year _____				
DESIGNATED FACILITY	35. Discrepancy						
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
H110 H110 H110 H110 H110 H110 H110 H110 H110 H110							

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NM0890010515	22. Page 4 of 5	23. Manifest Tracking Number 013908774FLE														
24. Generator's Name N3B LLC on behalf of USDOE ... Los Alamos, NM 87544 N3B LLC on behalf of USDOE																		
25. Transporter _____ Company Name				U.S. EPA ID Number														
26. Transporter _____ Company Name				U.S. EPA ID Number														
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes												
GENERATOR	* 25 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.44E-04 TBQ	1	DM	116	K	D004 D005 D006 D007 D008 D009												
	* 26 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.62E-04 TBQ	1	DM	86	K	D004 D005 D006 D007 D008 D009												
	* 27 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 6.79E-05 TBQ	1	DM	73	K	D004 D005 D006 D007 D008 D009												
	* 28 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 7.20E-04 TBQ	1	DM	317	K	D004 D005 D006 D007 D008 D009												
	* 29 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 9.52E-05 TBQ	1	DM	122	K	D004 D005 D006 D007 D008 D009												
	* 30 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 9.77E-05 TBQ	1	DM	113	K	D004 D005 D006 D007 D008 D009												
	* 31 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 9.79E-05 TBQ	1	DM	112	K	D004 D005 D006 D007 D008 D009												
	* 32 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 9.93E-05 TBQ	1	DM	116	K	D004 D005 D006 D007 D008 D009												
	* 33 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.10E-04 TBQ	1	DM	112	K	D004 D005 D006 D007 D008 D009												
	* 34 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AN-241, PU-241, SOLID OXIDE, 1.51E-04 TBQ	1	DM	118	K	D004 D005 D006 D007 D008 D009												
32. Special Handling Instructions and Additional Information																		
<table border="0"> <tr> <td>4.25 46967, W794715, 162</td> <td>4.29 46967, W839546, 162</td> </tr> <tr> <td>4.26 46967, W793876, 162</td> <td>4.30 46967, W792866, 162</td> </tr> <tr> <td>4.27 46967, W795925, 162</td> <td>4.31 46967, W839371, 162</td> </tr> <tr> <td>4.28 48043, W751726, 162</td> <td>4.32 46967, W839383, 162</td> </tr> <tr> <td></td> <td>4.33 46967, W839552, 162</td> </tr> <tr> <td></td> <td>4.34 46967, W839370, 162</td> </tr> </table>							4.25 46967, W794715, 162	4.29 46967, W839546, 162	4.26 46967, W793876, 162	4.30 46967, W792866, 162	4.27 46967, W795925, 162	4.31 46967, W839371, 162	4.28 48043, W751726, 162	4.32 46967, W839383, 162		4.33 46967, W839552, 162		4.34 46967, W839370, 162
4.25 46967, W794715, 162	4.29 46967, W839546, 162																	
4.26 46967, W793876, 162	4.30 46967, W792866, 162																	
4.27 46967, W795925, 162	4.31 46967, W839371, 162																	
4.28 48043, W751726, 162	4.32 46967, W839383, 162																	
	4.33 46967, W839552, 162																	
	4.34 46967, W839370, 162																	
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials		Signature _____ Month _____ Day _____ Year _____															
	Printed/Typed Name _____		Signature _____ Month _____ Day _____ Year _____															
DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials		Signature _____ Month _____ Day _____ Year _____															
	Printed/Typed Name _____		Signature _____ Month _____ Day _____ Year _____															
35. Discrepancy _____																		
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																		
<table border="0"> <tr> <td>H110</td> <td>H110</td> <td>H110</td> <td>H110</td> <td>H110</td> </tr> <tr> <td>H110</td> <td>H110</td> <td>H110</td> <td>H110</td> <td>H110</td> </tr> </table>							H110	H110	H110	H110	H110	H110	H110	H110	H110	H110		
H110	H110	H110	H110	H110														
H110	H110	H110	H110	H110														

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NM0890010315	22. Page 5 of 5	23. Manifest Tracking Number 013908774FLE		
24. Generator's Name N3B LLC on behalf of USDOE ..., Los Alamos, NM 87544 N3B LLC on behalf of USDOE						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
*	35 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, SOLID OXIDE, 1.13E-04 TBQ	1	DM	113	K	0004 0005 0006 0007 0008 0009
*	36 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, SOLID OXIDE, 1.62E-04 TBQ	1	DM	59	K	0004 0005 0006 0007 0008 0009
32. Special Handling Instructions and Additional Information 5.35 46967, W794017, 162 3.36 46967, W801753, 162						
33. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
34. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
35. Discrepancy _____						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H110 _____ H110 _____ _____						

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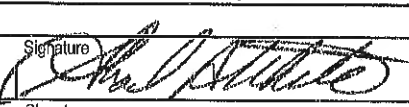
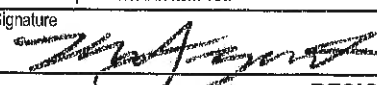
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NN0890010515	2. Page 1 of 2	3. Emergency Response Phone 505-667-2400	4. Manifest Tracking Number 013908775 FLE		
5. Generator's Name and Mailing Address ATTN: MARSHALL MCCARTT N3B LLC on behalf of USDOE 1200 Trinity Drive, Suite 150 Los Alamos, NM 87544				Generator's Site Address (if different than mailing address) N3B LLC on behalf of USDOE Los Alamos, NM 87544			
6. Transporter 1 Company Name MP Environmental Services, Inc. (AZ)				U.S. EPA ID Number CAT000624247			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Perma-Fix Northwest, Inc. 2025 Battelle Blvd Richland, WA 99354 5093755160				U.S. EPA ID Number WAR000010355			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
			No.	Type			
	X 1	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, PU-240, SOLID OXIDE, 1.36E-04 TBQ	1	DM	98	K	D004 D005 D006 D007 D008 D009
	X 2	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, PU-240, SOLID OXIDE, 1.49E-03 TBQ	1	DM	279	K	D001 D002 D004 D005 D006 D007
	X 3	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 1.49E-04 TBQ	1	DM	68	K	D004 D005 D006 D007 D008 D009
X 4	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, SOLID OXIDE, 1.24E-05 TBQ	1	DM	68	K	D004 D005 D006 D007 D008 D009	
14. Special Handling Instructions and Additional Information 1.1 46967, W001113, 162 1.2 40154, W20227, 162 1.3 46967, W001110, 162 1.4 46967, W001038, 162 2020-LOAL-0001							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name MARSHALL MCCARTT				Signature 		Month Day Year 9 29 20	
TRANSPORTER	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name MICHAEL KUGA				Signature 		Month Day Year 9 29 20
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator)					Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	1. H110	2. H110	3. H110	4. H110			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Nick Sargent				Signature 		Month Day Year 10 5 20	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NM0890010515	22. Page 2 of 2	23. Manifest Tracking Number 013908775FLE			
24. Generator's Name N3B LLC on behalf of USDOE Los Alamos, NM 87544 N3B LLC on behalf of USDOE							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
GENERATOR	27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes
			No.	Type			
	x 5	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 1.10E-04 TBQ	1	DM	112	K	D004 D005 D006 D007 D008 D009
	x 6	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 1.20E-04 TBQ	1	DM	112	K	D004 D005 D006 D007 D008 D009
	x 7	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 1.31E-04 TBQ	1	DM	118	K	D004 D005 D006 D007 D008 D009
	x 8	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 1.54E-04 TBQ	1	DM	127	K	D004 D005 D006 D007 D008 D009
	x 9	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 6.07E-05 TBQ	1	DM	67	K	D004 D005 D006 D007 D008 D009
	x 10	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, SOLID OXIDE, 2.29E-04 TBQ	1	DM	52	K	D004 D005 D006 D007 D008 D009
32. Special Handling Instructions and Additional Information 2.5 46967, W793423, 162 2.6 46967, W795166, 162 2.7 46967, W795966, 162 2.8 46967, W794466, 162 2.9 46967, W799538, 162 2.10 46967, W841093, 162							
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials						
	Printed/Typed Name		Signature		Month	Day Year	
DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials						
	Printed/Typed Name		Signature		Month	Day Year	
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
H110 H110 H110 H110 H110							

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0890010515	2. Page 1 of 2	3. Emergency Response Phone 505-667-2400	4. Manifest Tracking Number 013908776 FLE		
5. Generator's Name and Mailing Address ATTN: MARSHALL MCCARTT N3B LLC on behalf of USDOE 1200 Trinity Drive, Suite 150 Los Alamos, NM 87544				Generator's Site Address (if different than mailing address) N3B LLC on behalf of USDOE Los Alamos, NM 87544			
6. Transporter 1 Company Name MP Environmental Services, Inc. (AZ)				U.S. EPA ID Number CAT000624247			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Perma-Fix Northwest, Inc. 2023 Battelle Blvd Richland, WA 99354				U.S. EPA ID Number WAR000010335			
Facility's Phone: 5093755160							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	x 1	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, PU-240, SOLID OXIDE, 1.45E-04 Tbd	1	DM	69	K	D004 D005 D006 D007 D008 D009
	x 2	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 7.45E-05 Tbd	1	DM	68	K	D004 D005 D006 D007 D008 D009
	x 3	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, SOLID OXIDE, 1.45E-04 Tbd	1	DM	96	K	D004 D005 D006 D007 D008 D009
	x 4	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 1.13E-04 Tbd	1	DM	120	K	D004 D005 D006 D007 D008 D009
14. Special Handling Instructions and Additional Information 1.1 46967, W799979, 162 1.2 46967, W801109, 162 1.3 46967, W799729, 162 1.4 46967, W794969, 162 2020 2000 - LOAL-0001							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name MARSHALL MCCARTT				Signature 		Month Day Year 9 30 20	
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	Transporter signature (for exports only):						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name YVAD WHITE				Signature 		Month Day Year 9 30 29
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name				Signature		Month Day Year
	18. Discrepancy						
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H110		2. H110		3. H110		4. H110	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Nick Sargent				Signature 		Month Day Year 10 5 20	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NM0890010515	22. Page 2 of 2	23. Manifest Tracking Number 013908776FLE		
24. Generator's Name N3B LLC on behalf of USDOE Los Alamos, NM 87544 N3B LLC on behalf of USDOE						
25. Transporter _____ Company Name _____				U.S. EPA ID Number _____		
26. Transporter _____ Company Name _____				U.S. EPA ID Number _____		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
x 5	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 1.13E-04 THQ	1	DM	110	K	D004 D005 D006 D007 D008 D009
x 5	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 7.04E-04 THQ	1	DM	322	K	D004 D005 D006 D007 D008 D009
x 7	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 7.27E-04 THQ	1	DM	320	K	D004 D005 D006 D007 D008 D009
x 8	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, AM-241, SOLID OXIDE, 1.15E-04 THQ	1	DM	110	K	D004 D005 D006 D007 D008 D009
32. Special Handling Instructions and Additional Information 2.5 46967, W796066, 162 2.6 48843, W763497, 162 2.7 48843, W773058, 162 2.8 46967, W795970, 162						
33. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
34. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
35. Discrepancy _____						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H110 H110 H110 H110						