



# U.S. DEPARTMENT OF ENERGY

## *Environmental Management*

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1200 Trinity Drive, Suite 400  
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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: October 31, 2022

Refer To: N3B-2022-0393



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 4.0, 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 (LANL), as set forth in the Federal Facility Compliance Order (FFCO), Section 4.0 in the Part III Compliance Plan (CP) of the Site Treatment Plan (STP).

Activity 4.0 in Part III CP of the STP requires that “within 45 working days of receipt of the waste at treatment facility or within 45 working 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.”

On August 30, 2022, N3B shipped five (5) standard waste boxes-direct load (SWB-DL) of mixed transuranic (MTRU) waste (shipment LA220048) to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico. The shipment was received at WIPP on August 30, 2022. Shipment details are provided in Table 1.

On September 15, 2022, N3B shipped four (4) SWB-DL of MTRU waste (shipment LA220049) to WIPP. The shipment was received at WIPP on September 15, 2022. Shipment details are provided in Table 1.

**Table 1**  
**STP-Covered MTRU Shipment August 30, and September 15, 2022**  
**Shipped to WIPP, Sorted by Shipment Manifest and Shipped Container ID**

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m <sup>3</sup> )	Shipment Date
4.0	LA00000067905	LA-CIN01.001	Cemented Sludge Waste	014834081FLE	1.8776	8/30/2022
4.0	LA00000074221	LA-CIN01.001	Cemented Sludge Waste	014834081FLE	1.8776	8/30/2022
4.0	LA00000074291	LA-CIN01.001	Cemented Sludge Waste	014834081FLE	1.8776	8/30/2022
4.0	LA00000074296	LA-CIN01.001	Cemented Sludge Waste	014834081FLE	1.8776	8/30/2022
4.0	LA00000074299	LA-CIN01.001	Cemented Sludge Waste	014834081FLE	1.8776	8/30/2022
4.0	LA00000074081	LA-CIN01.001	Cemented Sludge Waste	014834082FLE	1.8776	9/15/2022
4.0	LA00000074084	LA-CIN01.001	Cemented Sludge Waste	014834082FLE	1.8776	9/15/2022
4.0	LA00000074243	LA-CIN01.001	Cemented Sludge Waste	014834082FLE	1.8776	9/15/2022
4.0	LA00000074262	LA-CIN01.001	Cemented Sludge Waste	014834082FLE	1.8776	9/15/2022
Total					16.8984	

Notes: The container volume reference in the LANL waste management database is the following: an SWB is 1.9 m<sup>3</sup>. "Prior to 2008, SWBs were noted as 1.9 m<sup>3</sup> in a system called Stored Waste Operations Oracle Network (SWOON). When Waste Compliance and Tracking System (WCATS) was introduced as the new system being used, it was automatically populated with SWOON data. The current WCATS system automatically populates SWBs as 1.8776 m<sup>3</sup>."

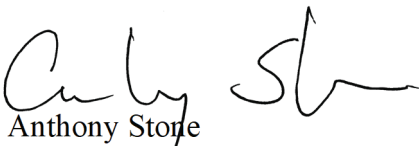
Copies of the waste manifests are enclosed (manifests 014834081FLE and 014834082FLE).

If you have any questions, please contact Anthony Stone at (505) 690-9505 (anthony.stone@em-la.doe.gov) or Arturo Duran at (575) 373-5966 (arturo.duran@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  
 CH-TRU  
 N3B-Los Alamos

Sincerely,

ARTURO  
 DURAN  
 Arturo Duran  
 STP Project Manager  
 U.S. Department of Energy  
 Environmental Management  
 Los Alamos Field Office

  
 Digitally signed by  
 ARTURO DURAN  
 Date: 2022.10.31  
 07:22:42 -06'00'

## Enclosure(s):

1. Manifests 014834081FLE and 014834082FLE

cc (letter and enclosure[s] emailed):

Laurie King, EPA Region 6, Dallas, TX

Siona Briley, NMED-HWB

Neelam Dhawan, NMED-HWB

Mitchell Schatz, NMED-HWB

Stephen Hoffman, NA-LA

Diego Archuleta, LANL

Ellena Martinez, LANL

Jessica Mosey, LANL

Adrienne Nash, LANL

Jennifer Payne, LANL

Sandra Story-Hughes, LANL

M. Lee Bishop, EM-LA

Elizabeth Churchill, EM-LA

Jesse Kahler, EM-LA

Michael Mikolanis, EM-LA

David Nickless, EM-LA

Cheryl Rodriguez, EM-LA

William Alexander, N3B

Carol Anderson, N3B

Gwen Bechtel, N3B

Dan Brown, N3B

Peter Day, N3B

Ellen Gammon, N3B

Debby Holgerson, N3B

Kim Lebak, N3B

Joseph Legare, N3B

Gerald O'Leary III, N3B

Vince Rodriguez, N3B

Troy Thomson, N3B

Jennifer von Rohr, N3B

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[eshqss-dcrm@lanl.gov](mailto:eshqss-dcrm@lanl.gov)

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[n3brecords@em-la.doe.gov](mailto:n3brecords@em-la.doe.gov)

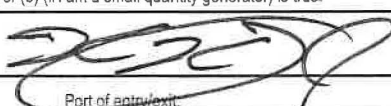

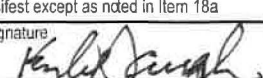
Public Reading Room (EPRR)

[rcra-prr@lanl.gov](mailto:rcra-prr@lanl.gov)

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>WM0890010315</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(575) 835-5883</b>	4. Manifest Tracking Number <b>014834082 FLE</b>			
5. Generator's Name and Mailing Address <b>LANL ON BEHALF OF THE US DEPT OF ENERGY Pajarito Rd. LOS ALAMOS, NM 87545 Generator's Phone: (505) 585-3300</b>				Generator's Site Address (if different than mailing address) <b>Triad, LLC on Behalf of the US DEPT of Energy BIKINI ATOLL ROAD, BLDG SM-30 LOS ALAMOS, NM 87545</b>				
6. Transporter 1 Company Name <b>CAST Specialty Transportation, Inc.</b>				U.S. EPA ID Number <b>CO0000206722</b>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>U.S. DEPT. OF ENERGY C/O NUCLEAR WASTE PARTNERSHIP, LLC 30 MILES EAST OF CARLSBAD ON JAL HWY CARLSBAD, NM 88221 (575) 234-6457 Facility's Phone:</b>				U.S. EPA ID Number <b>WM4890139092</b>				
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	
	RQ	1. UN3328, Waste Radioactive material, TypeB(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.758E03 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-159	1	CM	1,788	KG	D004 D005 D006 D007 D008 D009	
	RQ	2. UN3328, Waste Radioactive material, TypeB(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 2.97E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-197	1	CM	1,740	KG	D004 D005 D006 D007 D008 D009	
	RQ	3. UN3328, Waste Radioactive material, TypeB(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Solid, Elemental, Activity= 6.64E-01 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-193	1	CM	672	KG	D004 D005 D006 D007 D008 D009	
	X							
14. Special Handling Instructions and Additional Information <b>Shipment# LA220049, LANL POC: Rick Romero/Nestor Trujillo 505-412-0271/505-500-6129 Emergency response #165, Tractor#C-48, Trailer#C-378, Gross Weights: TP#169= 7711kg, TP#197= 7488kg, TP#193= 6657kg <sup>FW</sup> Emergency Response Information Provider: Los Alamos National Laboratory (505)667-2400, AVA-VPA-154/VUA-VPA-175 <b>0155</b></b>								
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 <b>Kevin K. McTaggart</b>				Signature 		Month <b>09</b>	Day <b>15</b>	Year <b>22</b>
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.				Port of entry/exit: Date leaving U.S.:			
	Transporter signature (for exports only):				<b>09/15/22</b>			
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name <b>Brad Steinman</b>		Signature 		Month <b>9</b>	Day <b>15</b>	Year <b>22</b>	
	Transporter 2 Printed/Typed Name		Signature		Month	Day	Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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. <b>H132</b>	2. <b>H132</b>	3. <b>H132</b>	4.				
	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 <b>Kyle Darrach</b>		Signature 		Month <b>09</b>	Day <b>15</b>	Year <b>22</b>	