



U.S. DEPARTMENT OF ENERGY

Environmental Management

Los Alamos Field Office
1200 Trinity Drive, Suite 400
Los Alamos, New Mexico 87544
(240) 562-1122

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: August 30, 2023
Refer To: N3B-2023-0275

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 the 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 shall “provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option.”

On June 29, 2023, N3B shipped one (1) standard waste box-direct load (SWB-DL) and twenty-seven (27) 55-gal. drums of mixed transuranic (MTRU) waste (shipments LA230033 and LA230034) to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico. WIPP received the shipments on June 29, 2023. Shipment details are provided in Table 1.

Table 1
STP-Covered MTRU Shipment June 29, 2023, Shipped to WIPP, Sorted by Treatability Group

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m³)	Shipment Date
4.0	LASB02381/ LA00000069507	LA-MHD09.001	Combustible - Noncombustible Waste	014834270FLE	0.208	6/29/2023
4.0	LASB02381/ LA00000070131	LA-MIN06-NS.001	Solidified Inorganic and Organic Waste	014834270FLE	0.208	6/29/2023
4.0	LASB02381/ LA00000070154	LA-MIN06-NS.001	Solidified Inorganic and Organic Waste	014834270FLE	0.208	6/29/2023
4.0	LASB02555/ LA00000066564	LA-MHD01.001	Combustible - Noncombustible Waste	014834270FLE	0.208	6/29/2023
4.0	LASB02555/ LA00000069570	LA-MHD09.001	Combustible - Noncombustible Waste	014834270FLE	0.208	6/29/2023
4.0	LASB02555/ LA00000072052	LA-MIN06-NS.001	Solidified Inorganic and Organic Waste	014834270FLE	0.208	6/29/2023
4.0	LASB02555/ LA00000092384	LA-MHD01.001	Combustible - Noncombustible Waste	014834270FLE	0.208	6/29/2023
4.0	LASB02557/ LA00000068709	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834270FLE	0.208	6/29/2023
4.0	LASB02557/ LA00000068769	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834270FLE	0.208	6/29/2023
4.0	LASB02557/ LA00000068868	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834270FLE	0.208	6/29/2023
4.0	LASB02557/ LA00000092584	LA-MHD01.001	Combustible - Noncombustible Waste	014834270FLE	0.208	6/29/2023
4.0	LASB10108	LA-CIN02.001	Cemented Sludge Waste	014834270FLE	1.9	6/29/2023
4.0	LASB02353/ LA00000068913	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02353/ LA00000069257	LA-MHD04.001	Combustible - Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02353/ LA00000069271	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02353/ LA00000094221	LA-MHD01.001	Combustible - Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02354/ LA00000068701	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02354/ LA00000068779	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02354/ LA00000068928	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02354/ LA00000068936	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02554/ LA00000068778	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02554/ LA00000068915	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02554/ LA00000069567	LA-MHD09.001	Combustible - Noncombustible Waste	014834266FLE	0.208	6/29/2023

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Shipment Date
4.0	LASB02554/LA00000092324	LA-MHD01.001	Combustible - Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02556/LA00000068797	LA-MHD09.001	Combustible - Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02556/LA00000068879	LA-MHD09.001	Combustible - Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02556/LA00000084550	LA-MHD01.001	Combustible - Noncombustible Waste	014834266FLE	0.208	6/29/2023
4.0	LASB02556/LA00000092796	LA-MHD01.001	Combustible - Noncombustible Waste	014834266FLE	0.208	6/29/2023
Total					7.516	

Note: The container volume reference in the LANL waste management database is the following: a 55-gal. drum is 0.208 m³, an SWB container is 1.9 m³. Prior to 2008, SWBs were noted as 1.9 m³ in a system called the Stored Waste Operations Oracle Network (SWOON). When the 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 1.878 m³.

Copies of the waste manifests are enclosed (manifest 014834266FLE and 014834270FLE).

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**

Digitally signed by
ARTURO DURAN
Date: 2023.08.28
14:59:01 -06'00'

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

Enclosure(s):

Manifest: 014834266FLE and 014834270FL

cc (letter and enclosure[s] emailed):

Laurie King, EPA Region 6, Dallas, TX

Neelam Dhawan, NMED-HWB

Ricardo Maestas, NMED-HWB

Mitchell Schatz, NMED-HWB

Rick Shean, NMED-RPD/HWB

Stephen Hoffman, NA-LA

Adrienne Nash, NA-LA

Diego Archuleta, LANL

Sandra Story-Hughes, LANL

Jeanette Hyatt, LANL

Avril Millensted, LANL

Jessica Moseley, LANL

Brian Harcek, EM-LA

John Evans, EM-LA

Jesse Kahler, EM-LA

Michael Mikolanis, EM-LA

Cheryl Rodriguez, EM-LA

William Alexander, N3B

Carol Anderson, N3B

Gwen Bechtel, N3B

Brian Clayman, N3B

Robert Edwards III, N3B

Ellen Gammon, N3B

Christian Maupin, N3B

Ovide Morin, N3B

Angel Sanchez, N3B

Bradley Smith, N3B

Jeffrey Stevens, N3B

Jennifer von Rohr, N3B

emla.docs@em.doe.gov

epc-correspondence@lanl.gov

eshqss-dcrm@lanl.gov

interface@lanl.gov

locatesteam@lanl.gov

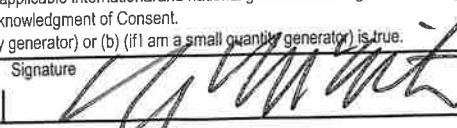
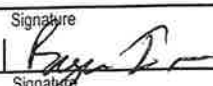
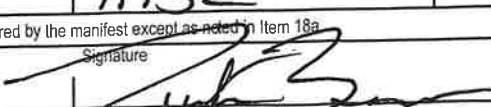
n3binterface@em-la.doe.gov

n3brecords@em-la.doe.gov

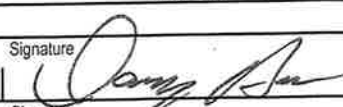
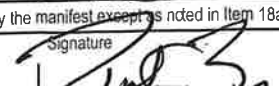
Public Reading Room (EPRR)

rcra-prr@lanl.gov

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number MM0890010515		2. Page 1 of 1		3. Emergency Response Phone (575) 895-6885		4. Manifest Tracking Number 014834266 FLE			
		5. Generator's Name and Mailing Address N3E LLC on Behalf of USDOE 1200 Trinity Drive, Suite 150 Los Alamos, NM 87544 Generator's Phone: (505) 695-6885									
Generator's Site Address (if different than mailing address) N3E LLC on Behalf of USDOE TA-54, Area C Los Alamos, NM 87544								U.S. EPA ID Number CM0000206722			
6. Transporter 1 Company Name CAST Specialty Transportation, Inc.								U.S. EPA ID Number			
7. Transporter 2 Company Name								U.S. EPA ID Number			
8. Designated Facility Name and Site Address Salado Isolation Mining Contractors, LLC For U.S. Dept of Energy 30 Miles East of Carlsbad on Jal Highway Hddy County, NM 88221 (575) 234-8457 Facility's Phone:								U.S. EPA ID Number NM4890139088			
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	
	EQ	1. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, Pu-241, 1.21E00TBq, Solid, Oxide, Yellow-II, TI-0.3, CSI-0.0, USA/9218/B(U) P-96, TP-159				1 CM 7/31/23 254 p/n/m		1,301	KG	D004 D005 D006 D007 D008 D009	
	EQ	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, Pu-241, 1.36E00TBq, Solid, Oxide, Yellow-II, TI-0.3, CSI-0.0, USA/9218/B(U) P-96, TP-166				1 CM 7/31/23 254 p/n/m		1,099	KG	D004 D005 D006 D007 D008 D009	
	EQ	3. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, Pu-241, 1.01E00TBq, Solid, Oxide, Yellow-II, TI-0.3, CSI-0.0, USA/9218/B(U) P-96, TP-209				1 CM 7/31/23 254 p/n/m		367	KG	D004 D005 D006 D007 D008 D009	
		4.									
14. Special Handling Instructions and Additional Information Shipment #LA230034, LANL POC - Nancy McAllister @ 505-695-6885, EEC #165, Tractor # , Trailer #C372, Gross Weights in Kilograms: TP-159-7,683KG, TP-166-7,915KG, TP-209-6,754KG. Emergency Response Information Provider - LANL 24/7: 505-667-2400.											
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/Offeror's Printed/Typed Name Nancy McAllister						Signature 		Month Day Year 06 29 23			
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 Bryan Tarkenton						Signature 		Month Day Year 6 29 23		
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:								U.S. EPA ID Number		
	18b. Alternate Facility (or Generator) 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. H13Z			2. H13Z			3. H13Z			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 Ruben Becerra Signature  Month Day Year 16 29 23											

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0890010515		2. Page 1 of 1	3. Emergency Response Phone (575) 895-6883		4. Manifest Tracking Number 014834270 FLE		
		5. Generator's Name and Mailing Address NBE LLC on Behalf of USDOE 1200 Trinity Drive, Suite 150 Los Alamos, NM 87544 Generator's Phone: (505) 695-6885							
Generator's Site Address (if different than mailing address) NBE LLC on Behalf of USDOE TA-54, Area C Los Alamos, NM 87544							U.S. EPA ID Number COR000206722		
6. Transporter 1 Company Name CAST Specialty Transportation, Inc.							U.S. EPA ID Number		
7. Transporter 2 Company Name							U.S. EPA ID Number		
8. Designated Facility Name and Site Address Salado Isolation Mining Contractors, LLC For U.S. Dept of Energy 30 Miles East of Carlsbad on Jal Highway Eddy County, NM 88221 (575) 234-3457 Facility's Phone:							U.S. EPA ID Number NM4890139088		
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	
	EQ	1. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, Pu-241, 1.26E09TBq, Solid, Oxide, Yellow-II, TI=0.3, CSI=0.0, USA/9218/E(U) P-36, TP-133			1	CM RSM/NM 7/3/23	1,932	KG	D004 D005 D006 D007 D008 D009
	EQ	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, Pu-241, 3.91E-01TBq, Solid, Oxide, Yellow-II, TI=0.3, CSI=0.0, USA/9218/E(U) P-36, TP-182			1	CM RSM/NM 7/3/23	1,192	KG	D004 D005 D006 D007 D008 D009
	EQ	3. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, Pu-241, 2.91E09TBq, Solid, Oxide, Yellow-II, TI=0.3, CSI=0.0, USA/9218/E(U) P-36, TP-147			1	CM RSM/NM 7/3/23	963	KG	D004 D005 D006 D007 D008 D009
14. Special Handling Instructions and Additional Information Shipment #LA230033, LABEL POC - Nancy McAllister # 505-695-6885, ERM #165, Tractor # , Trailer #C226, Gross Weights in Kilograms: TP-133=7,823KG, TP-182=7,002KG, TP-147=6,763KG. Emergency Response Information Provider - LABEL 24/7: 505-667-2400.									
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 Nancy McAllister					Signature 		Month Day Year 06 29 23		
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Danny Ham Signature  Month Day Year 6 25 23 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: _____ U.S. EPA ID Number _____								
	18b. Alternate Facility (or Generator) Facility's Phone: _____ Month Day Year _____								
	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. H132 2. H132 3. H132 4. _____								
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed Name Ruben Becerra Signature  Month Day Year 6 29 23									