



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: December 11, 2023
Refer To: N3B-2023-0413

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 October 5, 2023, N3B shipped ten (10) 55-gal. drums of mixed transuranic (MTRU) waste (shipment LA230039) to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico. WIPP received the shipment on October 5, 2023. Shipment details are provided in Table 1.

On October 12, 2023, N3B shipped fifteen (15) 55-gal. drums and two (2) standard waste box-direct loads (SWB-DL) of MTRU waste (shipment LA230040) to WIPP. WIPP received the shipment on October 13, 2023. Shipment details are provided in Table 1.

Table 1
STP-Covered MTRU Shipments, October 5 and 12, 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 (m ³)	Shipment Date
4.0	LASB02152/ LA00000092395	LA-MHD01.001	Combustible - Noncombustible Waste	014834306FLE	0.208	10/5/2023
4.0	LASB02152/ LA00000094133	LA-MHD01.001	Combustible - Noncombustible Waste	014834306FLE	0.208	10/5/2023
4.0	LASB02559/ LA00000052370	LA-MHD01.001	Combustible - Noncombustible Waste	014834306FLE	0.208	10/5/2023
4.0	LASB02559/ LA00000070265	LA-MIN06-NS.001	Solidified Inorganic and Organic Waste	014834306FLE	0.208	10/5/2023
4.0	LASB02559/ LA00000071902	LA-MIN06-NS.001	Solidified Inorganic and Organic Waste	014834306FLE	0.208	10/5/2023
4.0	LASB02559/ LA00000072077	LA-MIN06-NS.001	Solidified Inorganic and Organic Waste	014834306FLE	0.208	10/5/2023
4.0	LASB02560/ LA00000067713	LA-MHD01.001	Combustible - Noncombustible Waste	014834306FLE	0.208	10/5/2023
4.0	LASB02560/ LAS844730	LA-MHD03.001	Combustible - Noncombustible Waste	014834306FLE	0.208	10/5/2023
4.0	LASB02560/ LAS880985	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834306FLE	0.208	10/5/2023
4.0	LASB02560/ LAS881216	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834306FLE	0.208	10/5/2023
4.0	LA00000066561	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LA00000066622	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LA00000067950	LA-CIN01.001	Cemented Sludge Waste	014834314FLE	1.878	10/12/2023
4.0	LA00000071983	LA-MIN06-NS.001	Solidified Inorganic and Organic Waste	014834314FLE	0.208	10/12/2023
4.0	LA00000072744	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LA00000072759	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LA00000072762	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LA00000072775	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LA00000072788	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LA00000072789	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LA00000074201	LA-CIN01.001	Cemented Sludge Waste	014834314FLE	1.878	10/12/2023
4.0	LA00000086021	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LASB02181/ LA00000092388	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Shipment Date
4.0	LASB02561/ LA00000067715	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LASB02561/ LA00000067718	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LASB02561/ LA00000067727	LA-MHD01.001	Combustible - Noncombustible Waste	014834314FLE	0.208	10/12/2023
4.0	LASB02561 /LA00000086284	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834314FLE	0.208	10/12/2023
Total					8.956	

Note: The container volume reference in the LANL waste management database is the following: a 55-gal. drum is 0.208 m³, and an SWB container is 1.9 m³. Before 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 (manifests 014834306FLE and 014834314FLE).

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

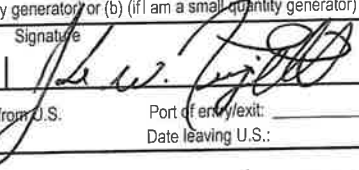
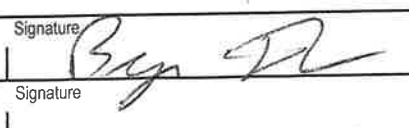
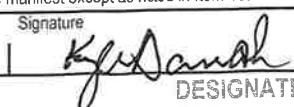
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ARTURO DURAN
Date: 2023.12.11
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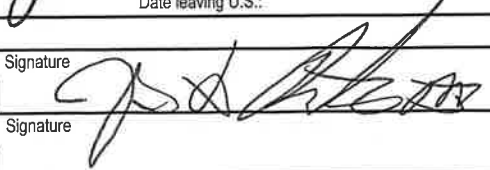
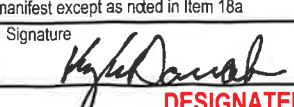
Enclosure(s):

Manifests 014834306FLE and 014834314FLE

cc (letter and enclosure[s] emailed):
Laurie King, EPA Region 6, Dallas, TX
Ricardo Maestas, NMED-HWB
Kylian Robinson, NMED-HWB
Mitchell Schatz, NMED-HWB
Rick Shean, NMED-RPD
M. Lee Bishop, NA-LA
Stephen Hoffman, NA-LA
Diego Archuleta, LANL
Jeanette Hyatt, LANL
Avril Millensted, LANL
Jessica Moseley, LANL
Sandra Story-Hughes, LANL
John Evans, EM-LA
Brian Harcek, EM-LA
Jesse Kahler, EM-LA
Michael Mikolanis, EM-LA
Kent Rich, EM-LA
Cheryl Rodriguez, EM-LA
Susan Wacaster, EM-LA
William Alexander, N3B
Carol Anderson, N3B
Gwen Bechtel, N3B
Brian Clayman, N3B
Robert Edwards III, N3B
Ellen Gammon, N3B
Jeff Holland, N3B
Nichole Lundgard, N3B
Christian Maupin, N3B
Ovide Morin, N3B
Vince Rodriguez, N3B
Bradley Smith, N3B
Jeffrey Stevens, N3B
Troy Thomson, 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 NM039010515		2. Page 1 of 1	3. Emergency Response Phone (575) 885-5533		4. Manifest Tracking Number 014834306 FLE	
		5. Generator's Name and Mailing Address LANE ON BEHALF OF THE US DEPT OF ENERGY Pejarito Rd. LOS ALAMOS, NM 87545 Generator's Phone: (505) 551-2448						
Generator's Site Address (if different than mailing address) Triad, LLC on behalf of the US DEPT of Energy SIKINI ATOLL ROAD, BLDG 2M-30 LOS ALAMOS, NM 87545							U.S. EPA ID Number CR0000206722	
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 HWY Eddy County, NM 88221 (575) 234-8457 Facility's Phone:							U.S. EPA ID Number NM0390139938	
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, TypeB(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 2.978E09 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 UEA/9218/B(U)F-36 TP-132			1 CM	1,351	KG	D004 D005 D006 D007 D008 D009
	EQ	2. UN3328, Waste Radioactive material, TypeB(U) package, fissile, 7, Pu-238, Pu-239, Solid, Elemental, Activity= 2.207E-01 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 UEA/9218/B(U)F-36 TP-147			1 CM	1,253	KG	D004 D005 D006 D007 D008 D009
	X	3. UN2908, Radioactive material, excepted package-empty packaging, TP-175			1 CM	5,837	KG	
		4.						
14. Special Handling Instructions and Additional Information Shipments: LA230039, LANE POC: Rick Romero/Seator Trujillo 505-412-0271/505-500-6129 Emergency response #165,161 Tractor# C56 Trailer#C-326, Gross Weights: TP#182= 7163kg, TP#147= 7059kg, TP#175= 5837kg Emergency Response Information Provider: Los Alamos National Laboratory (505) 667-2400, VOA-VFA-242								
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 Jake Trujillo							Signature  Month Day Year 10 05 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 Bryan Inhl/ber SPA Signature  Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year 10 05 23							
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. _____ 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 Kyle Darrah Signature  Month Day Year 10 05 23							

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0890010515	2. Page 1 of 1	3. Emergency Response Phone (575) 885-6883	4. Manifest Tracking Number 014834314 FLE			
5. Generator's Name and Mailing Address LANL ON BEHALF OF THE US DEPT OF ENERGY Pajarito Rd. LOS ALAMOS, NM 87545				Generator's Site Address (if different than mailing address) Triad, LLC on behalf of the US DEPT of Energy BIKINI ATOLL ROAD, ELDG SM-39! LOS ALAMOS, NM 87545				
6. Transporter 1 Company Name CAST Specialty Transportation, Inc.				U.S. EPA ID Number CCR000206722				
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 HWY Eddy County, NM 88221 (575) 234-8457				U.S. EPA ID Number NM4890139088				
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.	
EQ		1. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-238, Pu-239, Am-241, Solid, Elemental, Activity= 7.844E-01 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 UBA/9218/E(U) F-96 TP-197		1		CM	1,923	KG
EQ		2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-238, Pu-240, Am-241, Solid, Elemental, Activity= 2.159E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 UBA/9218/E(U) F-96 TP-155		1		CM	1,377	KG
EQ		3. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 3.837E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 UBA/9218/E(U) F-96 TP-190		1		CM	1,053	KG
		4.						
14. Special Handling Instructions and Additional Information Shipment# LA230040, LANL DOC: Rick Romero/Heater Trujillo 505-412-0271/505-500-6129 Emergency response #165, Tractor#C61, Trailer#C-378, Gross Weights: TP#197= 7571kg, TP#155= 7269kg, TP#190= 6908kg Emergency Response Information Provider: Los Alamos National Laboratory (505) 667-2400, VUA-VPA-243								
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 Jake Trujillo				Signature 		Month Day Year 10 12 23		
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 Jose A. Brito III				Signature 		Month Day Year 10 12 23		
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. 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/Typed Name Kyle Darrah				Signature 		Month Day Year 10 13 23		