



U.S. DEPARTMENT OF ENERGY

Environmental Management

Los Alamos Field Office
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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: May 2, 2023
Refer To: N3B-2023-0110

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, Activities 3.3.4 and 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), Sections 3.3.4 and 4.0 in the Part III Compliance Plan (CP) of the Site Treatment Plan (STP).

Activities 3.3.4 and 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 “provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option.”

On March 9, 2023, N3B shipped four (4) standard waste box-direct loads (SWB-DLs) of mixed transuranic (MTRU) waste (shipment LA230018) to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico. WIPP received the shipment on March 9, 2023. Shipment details are provided in Table 1.

On March 13, 2023, N3B shipped three (3) 85-gal. drums and one (1) 110-gal. drum of mixed low-level waste (MLLW) (shipment ES1942810) to Energy Solutions, LLC (Energy Solutions) in Clive, Utah. Energy Solutions received the shipment on March 14, 2023. Shipment details are provided in Table 2.

Table 1
STP-Covered MTRU Shipment March 9, 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	LA00000067931	LA-CIN01.001	Cemented Sludge Waste	014834177FLE	1.878	3/9/2023
4.0	LA00000067934	LA-CIN01.001	Cemented Sludge Waste	014834177FLE	1.878	3/9/2023
4.0	LA00000067958	LA-CIN01.001	Cemented Sludge Waste	014834177FLE	1.878	3/9/2023
4.0	LA00000067997	LA-CIN01.001	Cemented Sludge Waste	014834177FLE	1.878	3/9/2023
Total					7.512	

Note: The container volume reference in the LANL waste management database is the following: an SWB-DL container is 1.9 m³. Before 2008, SWB-DLs 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.

Table 2
STP-Covered MLLW Shipment, March 13, 2023,
Shipped to Energy Solutions, 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
3.3.4	W800230	LA-W935	10–100 nCi/g Waste	010505894FLE	0.416	3/13/2023
3.3.4	W800493	LA-W935	10–100 nCi/g Waste	010505894FLE	0.322	3/13/2023
3.3.4	W801477	LA-W935	10–100 nCi/g Waste	010505894FLE	0.322	3/13/2023
3.3.4	W802087	LA-W935	10–100 nCi/g Waste	010505894FLE	0.322	3/13/2023
Total					1.382	

Note: The container volume reference in the LANL waste management database is the following: an 85-gal. drum is 0.322 m³, and a 110-gal. drum is 0.416 m³.

Copies of the waste manifests are enclosed (manifests 014834177FLE and 010505894FLE)

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: 2023.05.01
10:22:53 -06'00'

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

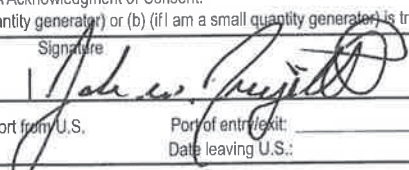

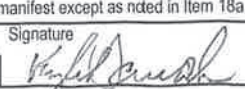
Enclosure(s):

1. Manifests 014834177FLE and 010505894FLE)

cc (letter and enclosure[s] emailed):

Laurie King, EPA Region 6, Dallas, TX
Neelam Dhawan, NMED-HWB
Mitchell Schatz, NMED-HWB
Stephen Hoffman, NA-LA
Adrienne Nash, NA-LA
M. Lee Bishop, EM-LA
Jesse Kahler, EM-LA
Michael Mikolanis, EM-LA
Cheryl Rodriguez, EM-LA
Diego Archuleta, LANL
Jessica Moseley, LANL
Jennifer Payne, LANL
Sandra Story-Hughes, LANL
William Alexander, N3B
Carol Anderson, N3B
Gwen Bechtel, N3B
Ellen Gammon, N3B
Debby Holgerson, N3B
Jeff Holland, N3B
Kim Lebak, N3B

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n3brecords@em-la.doe.gov
Public Reading Room (EPRR)
epc-correspondence@lanl.gov
rcra-prr@lanl.gov

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 014834177 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 Phone: (505) 551-2448		Generator's Site Address (if different than mailing address) Triad, LLC on Behalf of the US DEPT of Energy BIKINI ATOLL ROAD, BLDG SM-30; LOS ALAMOS, NM 87545									
6. Transporter 1 Company Name CAST Specialty Transportation, Inc.		U.S. EPA ID Number COR000206722											
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 Facility's Phone: (575) 234-8457		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 WL/Vol.	13. Waste Codes			
	RQ	1. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.672E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-149				1		CM	1,759	KG	D004 D005 D006 D007 D008 D009		
	RQ	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.981E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-172				1		CM	1,754	KG	D004 D005 D006 D007 D008 D009		
	X	3. UN2908, Radioactive material, excepted package-empty packaging, TP-177				1		CM	5,952	KG			
		4.											
14. Special Handling Instructions and Additional Information Shipment# LA230018, LANL POC: Rick Romero/Nestor Trujillo 505-412-0271/505-500-6129 Emergency response #165,161 Tractor#C-54 Trailer#C-326, Gross Weights: TP#149= 7765kg, TP#172= 7677kg, TP#177= 5952kg Emergency Response Information Provider: Los Alamos National Laboratory (505)667-2400, VUA-VPA-224													
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 03		Day 09		Year 23	
TRANSPORTER	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.: _____												
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Dan... Signature  Month 3 Day 15 Year 23 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: _____ U.S. EPA ID 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. _____ 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 03 Day 09 Year 23													

#001



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0890010515	2. Page 1 of 1	3. Emergency Response Phone 505-667-2400	4. Manifest Tracking Number 010505894 FLE		
5. Generator's Name and Mailing Address ATTN: NANCY MCALLISTER N3B LLC on behalf of USDOE 1200 Trinity Drive, Suite 150, MS G735 Los Alamos, NM 87544				Generator's Site Address (if different than mailing address) N3B LLC on behalf of USDOE Technical Area 54 - Area L Los Alamos, NM 87544			
Generator's Phone 5052577337							
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 Energy Solutions LLC Interstate 80, Exit 49 Clive, UT 84029 4358840155				U.S. EPA ID Number UTD982598898			
Facility's Phone:							
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, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	36	K	D004 D005 D006 D007 D008 D009
	x 2	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	36	K	D004 D005 D006 D007 D008 D009
	x 3	NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III, (D008, CONTAINS RADIONUCLIDE)	1	DM	376	K	D004 D005 D006 D007 D008 D009
	x 4	NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III, (D008, CONTAINS RADIONUCLIDE)	1	DM	122	K	D004 D005 D006 D007 D008 D009
14. Special Handling Instructions and Additional Information 1.1 46967, W801477, 162 1.2 46967, W802087, 162 1.3 46967, W800230, 171 1.4 46967, W800493, 171							
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 3 13 23	
TRANSPORTER	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):						
DESIGNATED FACILITY	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name Tony Cecol		Signature 		Month Day Year 3 13 23		
Transporter 2 Printed/Typed Name		Signature 		Month Day Year			
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. H132		2. H132		3. H132		4. H132	
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 Albert Evans				Signature 		Month Day Year 3 14 23	