

***Environmental Management***

Los Alamos Field Office  
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***National Nuclear Security Administration***

Los Alamos Field Office  
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Los Alamos, New Mexico 87544  
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*Date:* September 2, 2020  
*Refer To:* N3B-2020-0311

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 ten (10) containers of mixed low-level waste (MLLW) on July 22, 2020 (shipment ES109390) to Energy Solutions in Clive Utah. The July 22, 2020, shipment consisted of ten (10) 85-gal. drums and was received at Energy Solutions on July 24, 2020. Shipment details are provided in Table 1.

A copy of the waste manifest form is provided in Enclosure 1 (Manifest 013908769FLE).

**Table 1**  
**STP-Covered MLLW Shipments from July 22, 2020**

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m <sup>3</sup> )	Volume Shipped (m <sup>3</sup> )	Shipment Date
3.3.4	W798643	LA-W935	10–100 nCi/g Waste	013908769FLE	0.322	0.322	7/22/2020
3.3.4	W800581	LA-W935	10–100 nCi/g Waste	013908769FLE	0.322	0.322	7/22/2020
3.3.4	W800582	LA-W935	10–100 nCi/g Waste	013908769FLE	0.322	0.322	7/22/2020
3.3.4	W800660	LA-W935	10–100 nCi/g Waste	013908769FLE	0.322	0.322	7/22/2020
3.3.4	W800736	LA-W935	10–100 nCi/g Waste	013908769FLE	0.322	0.322	7/22/2020
3.3.4	W801001	LA-W935	10–100 nCi/g Waste	013908769FLE	0.322	0.322	7/22/2020
3.3.4	W801647	LA-W935	10–100 nCi/g Waste	013908769FLE	0.322	0.322	7/22/2020
3.3.4	W801664	LA-W935	10–100 nCi/g Waste	013908769FLE	0.322	0.322	7/22/2020
3.3.4	W802173	LA-W935	10–100 nCi/g Waste	013908769FLE	0.322	0.322	7/22/2020
3.3.4	W802363	LA-W935	10–100 nCi/g Waste	013908769FLE	0.322	0.322	7/22/2020
Totals					3.22	3.22	

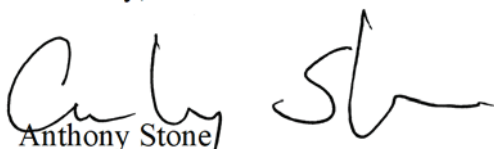
Note: The volume of 0.322 m<sup>3</sup> is representative of an 85-gal. drum.

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

Digitally signed by  
ELIZABETH CHURCHILL  
Date: 2020.09.02 11:43:54  
-06'00'

Elizabeth Churchill  
STP Project Manager  
Environmental Management  
Los Alamos Field Office

Enclosure(s): 1. Manifest 013908769FLE

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  
Kirk D. Lachman, EM-LA  
Jesse Kahler, 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  
Dana Lindsay, N3B  
Pamela Maestas, N3B  
Jason Moore, N3B  
Glenn Morgan, N3B  
Joseph Murdock, N3B  
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Public Reading Room (EPRR)  
epc-correspondence@lanl.gov  
rcra-prr@lanl.gov

**Pamela T. Maestas**

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**From:** Martinez, Cynthia, NMENV <cynthia.martinez1@state.nm.us>  
**Sent:** Tuesday, September 8, 2020 11:42 AM  
**To:** Pamela T. Maestas  
**Subject:** RE: Submittal to NMED on 9/2/2020 of Notice of Comp Off-Site Waste Shipment for 7/22

Received.

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**From:** Pamela T. Maestas <pamela.maestas@em-la.doe.gov>  
**Sent:** Wednesday, September 2, 2020 1:33 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 9/2/2020 of Notice of Comp Off-Site Waste Shipment for 7/22

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-2020-0311, 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](mailto:regdocs@em-la.doe.gov)



1200 Trinity Drive, Suite 150  
Los Alamos, NM 87544



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 013908769 FLE			
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 Phone: 505-655-8230				Generator's Site Address (if different than mailing address) N3B LLC on behalf of USDOE Los Alamos, NM 87544				
6. Transporter 1 Company Name Hittman Transportation Services, Inc. (TN2)				U.S. EPA ID Number TND987783065				
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 Facility's Phone: 4358840155				U.S. EPA ID Number UTD982598898				
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	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 T80	1	DM	38	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 T80	1	DM	37	K	D004	D005 D006
						D007	D008 D009	
x 3	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 T80	1	DM	37	K	D004	D005 D006	
						D007	D008 D009	
x 4	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 T80	1	DM	38	K	D004	D005 D006	
						D007	D008 D009	
14. Special Handling Instructions and Additional Information 1.1 46967, W798643, 162 1.2 46967, W800581, 162 1.3 46967, W800582, 162 1.4 46967, W800660, 162				EXCLUSIVE USE SHIPMENT 9705-07-0004				
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 KAREN DEWEES-LEE				Signature 		Month Day Year 7 22 20		
TRANSPORTER INTL	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: <u>Ralph Guilford</u> Signature:  Month Day Year: 7 22 20 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							
	18b. Alternate Facility (or Generator)				Manifest Reference Number			
	Facility's Phone:				U.S. EPA ID Number			
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. <u>H132</u>		2. <u>H132</u>		3. <u>H132</u>		4. <u>H132</u>		
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 <u>Albert Sims</u>				Signature 		Month Day Year 7 24 20		

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet) 21 Generator ID Number NK0890010515 22 Page of 2 23. Manifest Tracking Number 013908769LEF

24. Generator's Name N3B LLC on behalf of USDOE, Los Alamos, NM 87544 N3B LLC on behalf of USDOE

25. Transporter Company Name US EPA ID Number

26. Transporter Company Name US EPA ID Number

Table with 5 main columns: 27a. 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. Rows include descriptions of UN3321 waste with specific activity and fissile-excepted status.

32 Special Handling Instructions and Additional Information: 2.5 46967, W800736, 162; 2.6 46967, W801001, 162; 2.7 46967, W801647, 162; 2.8 46967, W801664, 162; 2.9 46967, W802173, 162; 2.10 46967, W802363, 162

33 Transporter Acknowledgment of Receipt of Materials: Printed/Typed Name R+IPL Guilford; Signature [Handwritten Signature]; Month 7, Day 22, Year 20

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): H132

GENERATOR (vertical label on left side)

TRANSPORTER (vertical label on left side)

DESIGNATED FACILITY (vertical label on left side)