



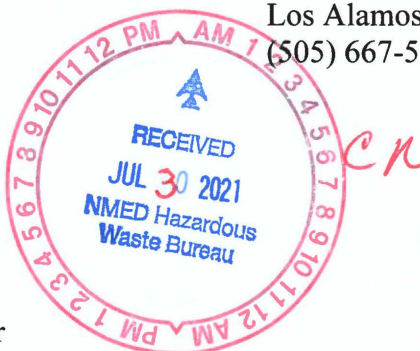
U.S. DEPARTMENT OF  
**ENERGY**

***Environmental Management***

Los Alamos Field Office  
1200 Trinity Drive, Suite 400  
Los Alamos, New Mexico 87544  
(505) 257-7950/Fax (505) 606-2132

***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: July 30, 2021  
Refer To: N3B-2021-0231

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.”

On June 17, 2021, N3B shipped fourteen (14) 85-gal. drums and one (1) standard waste box (SWB) container of mixed low-level waste (MLLW) (shipment ES110173) to Energy Solutions, LLC, in Clive, Utah. The ES110173 shipment was received at Energy Solutions on June 18, 2021. Shipment details are provided in Table 1.

**Table 1**  
**STP-Covered MLLW Shipments on June 17, 2021,**  
**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 <sup>3</sup> )	Volume Shipped (m <sup>3</sup> )	Shipment Date
3.3.4	W798072	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W798190	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W798315	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W798458	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W798459	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W798475	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W798491	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W798555	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W798623	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W800563	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W800585	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W819937	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W820040	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W820041	LA-W935	10–100 nCi/g Waste	013908802FLE	0.3218	0.322	6/17/2021
3.3.4	W823695	LA-W935	10–100 nCi/g Waste	013908802FLE	1.9	1.9	6/17/2021
					6.405	6.408	

Note: The volume of 0.322 m<sup>3</sup> is representative of an 85-gal. drum, and the volume of 1.9 m<sup>3</sup> is representative of an SWB container.

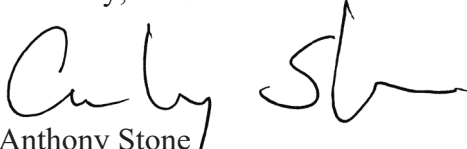
A copy of the waste manifest is enclosed (manifest 013908802FLE).

If you have any questions, please contact Anthony Stone at (505) 257-7431 (anthony.stone@em-la.doe.gov) or Arturo Duran at (505) 257-7907 (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  
 Contact-Handled Transuranic Waste  
 N3B-Los Alamos

Sincerely,

ARTURO  
 DURAN  
 Arturo Duran  
 STP Project Manager  
 Environmental Management  
 Los Alamos Field Office

 Digitally signed by  
 ARTURO DURAN  
 Date: 2021.07.29  
 07:41:28 -06'00'

Enclosure(s): 1. Manifest 013908802FLE

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

Arturo Duran, EM-LA

John Evans, EM-LA

Stephen Hoffman, EM-LA

Jesse Kahler, EM-LA

David Nickless, EM-LA

Cheryl Rodriguez, EM-LA

Pete Carson, LANL

William Mairson, LANL

Ellena Martinez, LANL

Avril Millensted, LANL

Patrick L. Padilla, LANL

Jennifer Payne, LANL

Sandra Story-Hughes, LANL

Enrique Torres, LANL

William Alexander, N3B

Carol Anderson, N3B

Victoria Baca, N3B

Sharon Brady, N3B

Emily Day, N3B

Greg Esparza, N3B

Ellen Gammon, 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

Joseph Murdock, N3B

Gerald O'Leary III, N3B

Michael Romero, N3B

Randy Sandoval, N3B

Anthony Stone, N3B

Hernesto Tellez, N3B

Troy Thomson, N3B

Tashia Vigil, N3B

Jennifer von Rohr, N3B  
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n3brecords@em-la.doe.gov  
Public Reading Room (EPRR)  
epc-correspondence@lanl.gov  
rcra-prr@lanl.gov




Please print or type.

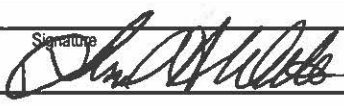
Form Approved. OMB No. 2050-0039

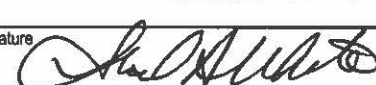
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NM0890010515</b>	2. Page 1 of <b>4</b>	3. Emergency Response Phone <b>505-667-2400</b>	4. Manifest Tracking Number <b>013908802 FLE</b>			
5. Generator's Name and Mailing Address <b>ATTN: NANCY MCALLISTER N3B LLC on behalf of USDOE 1200 Trinity Drive, Suite 150, MS H814 Los Alamos, NM 87544 Generator's Phone: 5056958514</b>				Generator's Site Address (if different than mailing address) <b>N3B LLC on behalf of USDOE Los Alamos, NM 87544</b>				
6. Transporter 1 Company Name <b>MP Environmental Services, Inc. (AZ)</b>					U.S. EPA ID Number <b>CAT000624247</b>			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Energy Solutions LLC Interstate 80, Exit 49 Clive, UT 84029 Facility's Phone: 4358840155</b>					U.S. EPA ID Number <b>UTD982598898</b>			
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			D004	D005	D006
x 1	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 8.37E-05 TBQ	1	CM	285	K	D004	D005	D006
						D007	D008	D009
x 2	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	38	K	D004	D005	D006
						D007	D008	D009
14. Special Handling Instructions and Additional Information <b>1.1 46967, W823695, 162 1.2 46967, W798072, 162</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/Offeror's Printed/Typed Name <b>NANCY MCALLISTER</b>				Signature 		Month Day Year <b>6 17 21</b>		
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 <b>WAD WHITE</b>				Signature 		Month Day Year <b>6 17 21</b>		
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: _____ U.S. EPA ID Number _____								
18b. Alternate Facility (or Generator)								
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. <b>H32</b>		2.		3. <b>H32</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>Albert Ems</b>				Signature 		Month Day Year <b>6 18 21</b>		

GENERATOR  
TRANSPORTER INT'L  
DESIGNATED FACILITY

M15025

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Manifest Number <b>W798315</b>	22. Page # <b>2 of 4</b>	23. Generator's ID Number <b>W798315</b>			
24. Generator's Name <b>N3B LLC on behalf of USDOE ..., Los Alamos, NM 87544 N3B LLC on behalf of USDOE</b>							
25. Transporter _____ Company Name					U.S. EPA ID Number		
26. Transporter _____ Company Name					U.S. EPA ID Number		
GENERATOR	27a HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	x 3	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	39	K	D004 D005 D006 D007 D008 D009
	x 4	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	37	K	D004 D005 D006 D007 D008 D009
	x 5	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	38	K	D004 D005 D006 D007 D008 D009
	x 6	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	38	K	D004 D005 D006 D007 D008 D009
	x 7	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	39	K	D004 D005 D006 D007 D008 D009
	22. Special Handling Instructions and Additional Information		2.7 46967, W798475, 162				
	2.3 46967, W798190, 162						
2.4 46967, W798315, 162							
2.5 46967, W798458, 162							
2.6 46967, W798459, 162							
TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials						
	Printed/Typed Name <b>TNAD White</b>			Signature 		Month	Day
DESIGNATED FACILITY	34. Transporter Acknowledgment of Receipt of Materials						
	Printed/Typed Name			Signature		Month	Day
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
H132		H132		H132		H132	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's ID Number 680350010515	3 20 Page 4	20. Manifest Number 680350010515		
24. Generator's Name N3B LLC on behalf of USDOE ..., Los Alamos, NM 87544 N3B LLC on behalf of USDOE						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
GENERATOR	27a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packaging (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	x 8 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	38	K	D004 D005 D006 D007 D008 D009
	x 9 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	38	K	D004 D005 D006 D007 D008 D009
	x 10 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	39	K	D004 D005 D006 D007 D008 D009
	x 11 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	38	K	D004 D005 D006 D007 D008 D009
	x 12 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DM	38	K	D004 D005 D006 D007 D008 D009
	3.12 46967, W800585, 162					
	32. Special Handling Instructions or Additional Information 3.9 46967, W798555, 162 3.10 46967, W798623, 162 3.11 46967, W800563, 162					
	TRANSPORTER	33. Transporter <u>1</u> Acknowledgment of Receipt of Materials		Signature		Month Day Year
		Printed/Typed Name THAD WHITE				6 17 21
	DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials		Signature		Month Day Year
		Printed/Typed Name				
	35. Discrepancy					
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
H132   H132   H132						
H132   H132						

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b> (Continuation Sheet)		21. Generator ID Number <b>W80570010515</b>	4 22 Pages <b>614</b>	22. Manifest Tracking Number <b>0159088021LE</b>		
24. Generator's Name <b>N3B LLC on behalf of USDOE ..., Los Alamos, NM 87544 N3B LLC on behalf of USDOE</b>						
25. Transporter _____ Company Name			U.S. EPA ID Number			
26. Transporter _____ Company Name			U.S. EPA ID Number			
GENERATOR	27a. 27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
	* 13 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DK	38	K	D004 D005 D006 D007 D008 D009
	* 14 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DK	36	K	D004 D005 D006 D007 D008 D009
	* 15 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, (D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D026, D027, D028, D029, D030, D035, D036, D037, D038, D039, D040, D043, F001, F002, F004, F005, F006, F007, F009), PU-239, PU-240, PU-241, SOLID OXIDE, 1.36E-05 TBQ	1	DK	36	K	D004 D005 D006 D007 D008 D009
22. Special Handling Instructions and Additional Information 4.13 46967, W819937, 162 4.14 46967, W820040, 162 4.15 46967, W820041, 162						
TRANSPORTER	33. Transporter <u>1</u> Acknowledgment of Receipt of Materials Printed/Typed Name <b>INAD WHITE</b>			Signature 	Month Day Year <b>6/17/01</b>	
	34. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____			Signature _____	Month Day Year _____	
DESIGNATED FACILITY	35. Discrepancy					
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) <b>H132   H132   H132</b>					