



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: July 22, 2022
Refer To: N3B-2022-0234

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 May 24, 2022, N3B shipped twelve (12) 55-gal. drums of mixed transuranic (MTRU) waste (shipment LA220020) to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico. The shipment was received at WIPP on May 24, 2022. Shipment details are provided in Table 1.

On May 26, 2022, N3B shipped fourteen (14) 55-gal. drums, and four (4) standard waste box (SWB) containers of MTRU waste (shipments LA220021 and LA220022) to WIPP. The shipment was received at WIPP on May 26, 2022. Shipment details are provided in Table 1.

On June 2, 2022, N3B shipped three (3) 55-gal drums, and one (1) SWB container of MTRU waste (shipments LA220023) to WIPP. The shipment was received at WIPP on June 2, 2022. Shipment details are provided in Table 1.

On June 8, 2022, N3B shipped two (2) B-12 containers, two (2) B-25 containers, one (1) compactor box and four (4) SWB containers of mixed low-level waste (MLLW) (shipment ES111661) to Energy Solutions, LLC in Clive, Utah. The shipment was received at Energy Solutions on June 9, 2022. Shipment details are provided in Table 2.

Table 1
STP-Covered MTRU Shipments May 24, 2022, May 26, 2022, and June 2, 2022,
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	LASB50449/ LA00000069294	LA-CIN01.001	Cemented Sludge Waste	014834051FLE	0.208	5/24/2022
4.0	LASB50449/ LAS864652	LA-CIN01.001	Cemented Sludge Waste	014834051FLE	0.208	5/24/2022
4.0	LASB50517/ LA00000069594	LA-CIN01.001	Cemented Sludge Waste	014834051FLE	0.208	5/24/2022
4.0	LASB02355/ LA00000057210	LA-MHD01.001	Combustible - Noncombustible Waste	014834051FLE	0.208	5/24/2022
4.0	LASB02355/ LA00000064936	LA-MHD01.001	Combustible - Noncombustible Waste	014834051FLE	0.208	5/24/2022
4.0	LASB02355/ LA00000067166	LA-MHD01.001	Combustible - Noncombustible Waste	014834051FLE	0.208	5/24/2022
4.0	LASB50511/ LA00000069384	LA-MHD01.001	Combustible - Noncombustible Waste	014834051FLE	0.208	5/24/2022
4.0	LASB50449/ LA00000069296	LA-MHD09.001	Combustible - Noncombustible Waste	014834051FLE	0.208	5/24/2022
4.0	LASB50511/ LA00000068908	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834051FLE	0.208	5/24/2022
4.0	LASB50511/ LA00000068930	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834051FLE	0.208	5/24/2022
4.0	LASB50517/ LA00000068909	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834051FLE	0.208	5/24/2022
4.0	LASB50517/ LA00000068921	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834051FLE	0.208	5/24/2022
4.0	LASB50440/ LA00000054052	LA-CIN01.001	Cemented Sludge Waste	014834052FLE	0.208	5/26/2022
4.0	LASB02163/ LA00000083733	LA-MHD01.001	Combustible - Noncombustible Waste	014834052FLE	0.208	5/26/2022
4.0	LASB02163/ LA00000092631	LA-MHD01.001	Combustible - Noncombustible Waste	014834052FLE	0.208	5/26/2022
4.0	LASB50440/ LA00000069333	LA-MHD01.001	Combustible - Noncombustible Waste	014834052FLE	0.208	5/26/2022
4.0	LA00000068230	LA-MHD04.001	Combustible - Noncombustible Waste	014834052FLE	1.8776	5/26/2022

CP Section	Shipped Container ID	Mixed Waste Inventory Report	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Shipment Date
4.0	LASB10189	LA-MHD09.001	Combustible - Noncombustible Waste	014834052FLE	1.8776	5/26/2022
4.0	LASB50440/ LA00000068704	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834052FLE	0.208	5/26/2022
4.0	LASB50440/ LA00000068922	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834052FLE	0.208	5/26/2022
4.0	LASB02357/ LAS833265	LA-CIN01.001	Cemented Sludge Waste	014834053FLE	0.208	5/26/2022
4.0	LASB50400/ LA00000055371	LA-CIN01.001	Cemented Sludge Waste	014834053FLE	0.208	5/26/2022
4.0	LA00000067633	LA-MHD01.001	Combustible - Noncombustible Waste	014834053FLE	1.8776	5/26/2022
4.0	LASB02183/ LA00000092719	LA-MHD01.001	Combustible - Noncombustible Waste	014834053FLE	0.208	5/26/2022
4.0	LASB50400/ LA00000092771	LA-MHD01.001	Combustible - Noncombustible Waste	014834053FLE	0.208	5/26/2022
4.0	LA00000068163	LA-MHD03.001	Combustible - Noncombustible Waste	014834053FLE	1.8776	5/26/2022
4.0	LASB02183/ LA00000083341	LA-MHD03.001	Combustible - Noncombustible Waste	014834053FLE	0.208	5/26/2022
4.0	LASB02357/ LA00000055736	LA-MHD03.001	Combustible - Noncombustible Waste	014834053FLE	0.208	5/26/2022
4.0	LASB02357/ LA00000068799	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834053FLE	0.208	5/26/2022
4.0	LASB50400/ LA00000068705	LA-MIN03-NC.001	Solidified Inorganic Noncombustible Waste	014834053FLE	0.208	5/26/2022
4.0	LA00000067135	LA-MHD01.001	Combustible - Noncombustible Waste	014834054FLE	0.208	6/2/2022
4.0	LA00000068866	LA-MHD09.001	Combustible - Noncombustible Waste	014834054FLE	0.208	6/2/2022
4.0	LA00000069631	LA-MHD09.001	Combustible - Noncombustible Waste	014834054FLE	0.208	6/2/2022
4.0	LA00000092298	LA-MIN05-V.001	Solidified Inorganic Noncombustible Waste	014834054FLE	1.9	6/2/2022
Total					15.4424	

Note: The container volumes referenced in the LANL waste management database are the following: a 5-gal. container is 0.019 m³; a 55-gal. drum is 0.208 m³; an 85-gal. drum is 0.322 m³; a B-12 container is 1.2 m³; a B-25 container is 2.547 m³; a compactor box is 2.5m³, an LB-99 container is 2.5 m³; a ten-drum overpack container is 4.5 m³; and a SWB container is 1.9 m³.

Table 2
STP-Covered MLLW Shipments June 8, 2022,
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	W821523	LA-W935	10–100 nCi/g Waste	014573918FLE	2.7184	6/8/2022
3.3.4	W823466	LA-W935	10–100 nCi/g Waste	014573918FLE	1.3592	6/8/2022
3.3.4	W823472	LA-W935	10–100 nCi/g Waste	014573918FLE	1.3592	6/8/2022
3.3.4	W823853	LA-W935	10–100 nCi/g Waste	014573918FLE	1.9	6/8/2022
3.3.4	W825871	LA-W935	10–100 nCi/g Waste	014573918FLE	2.5	6/8/2022
3.3.4	W825873	LA-W935	10–100 nCi/g Waste	014573918FLE	2.5	6/8/2022
3.3.4	W826252	LA-W935	10–100 nCi/g Waste	014573918FLE	1.9	6/8/2022
3.3.4	W826266	LA-W935	10–100 nCi/g Waste	014573918FLE	1.9	6/8/2022
3.3.4	W826282	LA-W935	10–100 nCi/g Waste	014573918FLE	1.9	6/8/2022
Total					18.0368	

Note: The container volumes referenced in the LANL waste management database are the following: a 5-gal. container is 0.019 m³; a 55-gal. drum is 0.208 m³; an 85-gal. drum is 0.322 m³; a B-12 container is 1.2 m³; a B-25 container is 2.547 m³; a compactor box is 2.5m³, an LB-99 container is 2.5 m³; a ten-drum overpack container is 4.5 m³; and a SWB container is 1.9 m³.

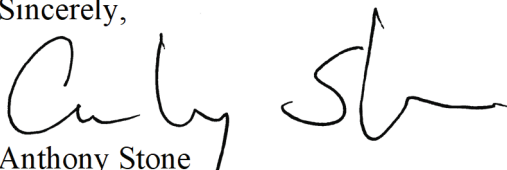
Copies of the waste manifests are enclosed (manifests 014834051FLE, 014834052FLE, 014834053FLE, 014834054FLE, and 014573918FLE).

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


 Digitally signed by
 ARTURO DURAN
 Date: 2022.07.14
 22:17:04 -06'00'

Enclosure(s):

1. Manifests 014834051FLE, 014834052FLE, 014834053FLE, 014834054FLE, and 014573918FLE

cc (letter and enclosure[s] emailed):

Laurie King, EPA Region 6, Dallas, TX

Siona Briley, NMED-HWB

Stephen Hoffman, NA-LA

Adrienne Nash, NA-LA

Jody Pugh, NA-LA

Darlene Rodriguez, NA-LA

Jennifer Payne, LANL

M. Lee Bishop, EM-LA

Elizabeth Churchill, EM-LA

Jesse Kahler, EM-LA

Michael Mikolanis, EM-LA

David Nickless, EM-LA

Cheryl Rodriguez, EM-LA

Elicia Williams, EM-LA

William Alexander, N3B

Carol Anderson, N3B

Victoria Baca, N3B

Dan Brown, N3B

Peter Day, N3B

Ellen Gammon, N3B

Debby Holgerson, N3B

Jeff Holland, N3B

Kim Lebak, N3B

Joseph Legare, N3B

Pamela Maestas, N3B

Christian Maupin, N3B

Joseph Murdock, N3B

Gerald O'Leary III, N3B

Vince Rodriguez, N3B

Hernesto Tellez, N3B

Troy Thomson, N3B

Jennifer von Rohr, N3B

emla.docs@em.doe.gov

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 014834051 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) 695-3300					Generator's Site Address (if different than mailing address) Triad, LLC on Behalf of the US DEPT of Energy BIRINI ATOLI 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 U.S. DEPT. OF ENERGY C/O NUCLEAR WASTE PARTNERSHIP, LLC 30 MILES EAST OF CARLSBAD ON JAL HWY CARLSBAD, NM 88221 (575) 234-8457 Facility's Phone:						U.S. EPA ID Number NM1890139089				
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		
	RQ	1. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 2.491E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-142		1		CM	1,924	KG	D004 D005 D006 D007 D008 D009	
	RQ	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Am-241, Solid, Elemental, Activity= 9.353E-01 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-144		1		CM	1,073	KG	D004 D005 D006 D007 D008 D009	
	RQ	3. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.462E00 TBq, RADIOACTIVE YELLOWIX, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-183		1		CM	841	KG	D004 D005 D006 D007 D008 D009	
X										
14. Special Handling Instructions and Additional Information Shipment# LA220020, LANL POC: Rick Romero/Restor Trujillo 505-412-0271/505-500-6129 Emergency response #165, Tractor# C-49 Trailer#C-374, Gross Weights: TP#142=7,762 kg, TP#144= 6,903kg, TP#183= 6,751kg Emergency Response Information Provider: Los Alamos National Laboratory (505)667-2400, VJA-VPA-183										
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 Fabian Anaya					Signature <i>Fabian Anaya</i>			Month Day Year 05 24 22		
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> 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 DAVID RESEDA					Signature <i>David Reseda</i>			Month Day Year 05 24 22		
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: _____ U.S. EPA ID Number _____				
	Facility's Phone: _____					18c. Signature of Alternate Facility (or Generator)				
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 <i>Kyle Darrah</i>			Month Day Year 05 24 22		

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WM0890010515	2. Page 1 of 1	3. Emergency Response Phone (575) 865-6983	4. Manifest Tracking Number 014834052 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) 695-3300				Generator's Site Address (if different than mailing address) Triad, LLC on Behalf of the US DEPT of Energy BIRINI ATOLL ROAD, BLDG SW-30; LOS ALAMOS, NM 87545				
6. Transporter 1 Company Name CAST Specialty Transportation, Inc.				U.S. EPA ID Number CGR000206722				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address U.S. DEPT. OF ENERGY C/O NUCLEAR WASTE PARTNERSHIP, LLC 30 MILES EAST OF CARLSBAD ON JAL HWY CARLSBAD, NM 88221 (575) 234-8457 Facility's Phone:				U.S. EPA ID Number WM4990139088				
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					
RQ	1. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 2.024E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-192	1	CM	1,338	KG	D004	D005	D005
						D007	D008	D009
RQ	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-238, Solid, Elemental, Activity= 1.408E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-163	1	CM	1,107	KG	D004	D005	D005
						D007	D008	D009
RQ	3. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.665E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-158	1	CM	845	KG	D004	D005	D006
						D007	D008	D009
14. Special Handling Instructions and Additional Information Shipment# LA220021, LANL POC: Rick Romero/Master Trujillo 505-412-0271/505-500-6129 Emergency response #165, Tractor# C-48 Trailer# C-271, Gross Weights: TP#192=7,156kg, TP#168= 7,094kg, TP#158= 6,663kg Emergency Response Information Provider: Los Alamos National Laboratory (505)667-2400, VVA-VPA-154								
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/Offoror's Printed/Typed Name Fabian Anaya				Signature <i>Fabian Anaya</i>		Month 05	Day 26	Year 22
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): _____								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Danny Horn Signature <i>Danny Horn</i> Month 05 Day 26 Year 22 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.					
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 Darral Signature <i>Kyle Darral</i> Month 05 Day 26 Year 22								

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number MM0990010513	2. Page 1 of 13	3. Emergency Response Phone (575) 885-6883	4. Manifest Tracking Number 014834053 FLE					
5. Generator's Name and Mailing Address LAWL ON BEHALF OF THE US DEPT OF ENERGY Pajarito Rd.; LOS ALAMOS, NM 87545 Generator's Phone: (505) 695-3300		Generator's Site Address (if different than mailing address) Triad, LLC on Behalf of the US DEPT of Energy BIKINI ATOLL ROAD, BLDG SN-30; LOS ALAMOS, NM 87545							
6. Transporter 1 Company Name CAST Specialty Transportation, Inc.		U.S. EPA ID Number CR000206722							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address U.S. DEPT. OF ENERGY C/O NUCLEAR WASTE PARTNERSHIP, LLC 30 MILES EAST OF CARLSBAD ON JAL HWY CARLSBAD, NM 83221 (575) 234-8457 Facility's Phone:		U.S. EPA ID Number MM0990139036							
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			
	RQ	1. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 2.479E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-131	1 CM	1,634	KG	D004	D005	D006	
	RQ	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.59E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-185	1 CM	1,551	KG	D004	D005	D006	
	RQ	3. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, HRCO, Pu-238, Pu-239, Solid, Elemental, Activity= 8.875E00 TBq, RADIOACTIVE YELLOWIII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-190	1 CM	967	KG	D004	D005	D006	
14. Special Handling Instructions and Additional Information Shipment# LA220022, LAWL POC: Rick Romero/Walter Trujillo 505-412-0271/505-500-6129 Emergency response #165, Tractor# C-48 Trailer#C-364, Gross Weights: TP#131= 7,489kg, TP#185= 7,412kg, TP#190= 6,722kg Emergency Response Information Provider: Los Alamos National Laboratory (505)667-2400, VUA-VPA-155									
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/Offorer's Printed/Typed Name Fabian Anaya		Signature <i>Fabian Anaya</i>		Month 05	Day 26	Year 22			
TRANSPORTER INT'L	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	Transporter 1 Printed/Typed Name Bryan Steinman		Signature <i>Bryan Steinman</i>		Month 05	Day 26	Year 22		
	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) 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. 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 <i>Kyle Darrah</i>		Month 05	Day 26	Year 22			

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number MM0890010515	2. Page 1 of 1	3. Emergency Response Phone (575) 895-6893	4. Manifest Tracking Number 014834054 FLE					
5. Generator's Name and Mailing Address LBNL ON BEHALF OF THE US DEPT OF ENERGY Pajarito Rd.; LOS ALAMOS, NM 87545 Generator's Phone: (505) 695-3300				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 CCR0000206722						
7. Transporter 2 Company Name				U.S. EPA ID Number						
8. Designated Facility Name and Site Address U.S. DEPT. OF ENERGY C/O NUCLEAR WASTE PARTNERSHIP, LLC 30 MILES EAST OF CARLSBAD ON JAL HWY CARLSBAD, NM 88221 (575) 234-8457 Facility's Phone:				U.S. EPA ID Number MM4390139008						
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		
RQ	1. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241, Solid, Elemental, Activity= 1.641E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-150			1		1,284	KG	D004	D005	D006
RQ	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Pu-241, Am-241, Solid, Elemental, Activity= 2.26E-01 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-136			1		1,216	KG	D004	D005	D006
RQ	3. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-238, Pu-239, Am-241, Solid, Elemental, Activity= 2.62E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-132			1		1,068	KG	D004	D005	D006
14. Special Handling Instructions and Additional Information Shipment# LA220029, LABEL POC: Rick Romero/Westor Trujillo 505-412-0271/505-500-6129 Emergency response #165, Tractor#C47, Trailer#C-377, Gross Weights: TP#150= 7,181kg, TP#136= 7,318kg, TP#132= 7,051kg Emergency Response Information Provider: Los Alamos National Laboratory (505)667-2400, VUA-VPA-136 / AUA-VPA-136										
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/Officer's Printed/Typed Name Fabian Anaya				Signature 				Month Day Year 06 02 22		
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: MARVIN BAUM Signature: Month Day Year: 06 2 22 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) 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. 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 Nassrah Signature: Month Day Year: 06 02 22										



T # 6013

Please print or type.

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 014573918 FLE			
5. Generator's Name and Mailing Address ATTN: CHARLES GUILLEN N3B LLC on behalf of USDOE 1200 Trinity Drive, Suite 150, MS A194 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				
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				U.S. EPA ID Number UTD982598898				
Facility's Phone: 4358840155								
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	
	x 1	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, AM-241, PU-240, PU-241, SOLID OXIDE, 1.65E-04 TBQ	1	CM	832	K	D004	D005 D006
	x 2	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 1.10E-04 TBQ	1	CM	486	K	D004	D005 D006
	x 3	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 1.65E-04 TBQ	1	CM	363	K	D004	D005 D006
	x 4	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 8.42E-05 TBQ	1	CM	293	K	D004	D005 D006
14. Special Handling Instructions and Additional Information EXCLUSIVE USE Shipment								
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/Offoror's Printed/Typed Name CHARLES GUILLEN				Signature 		Month Day Year 6 8 22		
INT'L	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.: 6-8-22			
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name John Girvin		Signature 		Month Day Year 6 8 22			
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) 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. H1132		2. H1132		3. H1132		4. H1132		
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 Justin Lee				Signature 		Month Day Year 6 19 22		

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NM0890010515	22. Page 2 of 2	23. Manifest Tracking Number 014573918FLE
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24. Generator's Name
N3B LLC on behalf of USDOE
Technical Area 54 - Area L, Los Alamos, NM 87544
N3B LLC on behalf of USDOE

25. Transporter Company Name **MPE** U.S. EPA ID Number
CAT000624247

26. Transporter Company Name U.S. EPA ID Number

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		
		No.	Type					
x 5	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 8.46E-05 TBQ	1	CM	290	K	D004	D005	D006
						D007	D008	D009
x 6	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 8.53E-05 TBQ	1	CM	288	K	D004	D005	D006
						D007	D008	D009
x 7	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 8.74E-05 TBQ	1	CM	534	K	D004	D005	D006
						D007	D008	D009
x 8	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 8.79E-05 TBQ	1	CM	290	K	D004	D005	D006
						D007	D008	D009
x 9	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 1.60E-04 TBQ	1	CM	354	K	D004	D005	D006
						D007	D008	D009

32. Special Handling Instructions and Additional Information
2.9 46967, W823466, 162
2.5 46967, W826282, 162
2.6 46967, W826252, 162
2.7 46967, W825871, 162
2.8 46967, W823853, 162

33. Transporter Acknowledgment of Receipt of Materials
 Printed/Typed Name **John Girvin** Signature  Month **10** Day **8** Year **22**

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 | **H132** | **H132** | **H132** | **H132**

GENERATOR

TRANSPORTER

DESIGNATED FACILITY