



U.S. DEPARTMENT OF ENERGY

Environmental Management

Los Alamos Field Office
P.O. Box 1663, MS M984
Los Alamos, New Mexico 87545
(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: **NOV 07 2019**
Refer To: N3B-19-0353

Ms. Siona Briley, STP Project Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Notice of Completion of Off-Site Waste Shipments for the Fourth Quarter of Fiscal Year 2019 for Los Alamos National Laboratory as Required by the Federal Facility Compliance Order Site Treatment Plan, Compliance Plan, Activity 4.0

Dear Ms. Briley:

This letter notifies the New Mexico Environment Department (NMED) of the completion of off-site waste shipments for the fourth quarter of fiscal year (FY) 2019 for Los Alamos National Laboratory (LANL) by the U.S. Department of Energy (DOE) Environmental Management Los Alamos Field Office (EM-LA); the DOE National Nuclear Security Administration Los Alamos Field Office (NA-LA); Newport News Nuclear BWXT-Los Alamos, LLC (N3B); and Triad National Security, LLC (Triad) as set forth in the Federal Facility Compliance Order (FFCO) Site Treatment Plan (STP), Compliance Plan, Activity 3.1.5, regarding the shipment of activated or inseparable lead, Activity 3.3.4, regarding the shipment of mixed low-level waste (MLLW), and Activity 4.0, regarding the shipment of mixed transuranic (MTRU) waste.

The following relevant activities took place during the fourth quarter of FY 2019 (July 1, 2018, through September 30, 2019):

1. DOE EM-LA/N3B shipped four (4) MTRU waste shipments (total volume of 12.772 m³) to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico, on July 11, August 15, and August 29, 2019. Table 1 presents the total volume of MTRU waste shipped to WIPP by DOE EM-LA/N3B, sorted by treatability group. Copies of the waste manifest forms are included in Enclosure 1.

2. DOE EM-LA/N3B shipped one (1) MLLW shipment (total volume of 0.208 m³) to Energy Solutions, LLC, in Clive, Utah on September 12, 2019. Table 2 presents the total volume of MLLW shipped to Energy Solutions by DOE EM-LA/N3B, sorted by treatability group. A copy of the waste manifest form is included in Enclosure 2.
3. DOE NA-LA/Triad shipped ten (10) MTRU waste shipments (total volume of 61.820 m³) to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico, on July 18, July 25, August 1, August 7, August 9, September 5, September 10, September 12, September 17, and September 19, 2019. Table 3 presents the total volume of MTRU, sorted by treatability group. Copies of the waste manifest forms are included in Enclosure 4.
4. DOE NA-LA/Triad shipped two (2) MLLW shipments (total volume of 2.700 m³) from LANL facilities to Energy Solutions on August 14 and August 19, 2019. Table 4 presents the total volume of MLLW and MTRU, sorted by treatability group. Copies of the waste manifest forms are included in Enclosure 6.

In the tables below, the MTRU waste volume is reported in cubic meters and rounded to three decimal places, as listed in the LANL waste management database. The LANL waste management database references the following: (1) a 55-gal. drum is 0.208 m³ (2) a standard waste box (SWB) is 1.900 m³ (3) a B12 steel box is 1.246 m³.

Table 1

DOE EM-LA/N3B Total Volume of MTRU Waste Shipped to WIPP Sorted by Treatability Group

STP Section	Treatability Group	Volume Removed from STP Inventory (m ³)	Volume Shipped (m ³)	No. of 55-gal. Containers (0.208 m ³ each)	No. of SWB Containers (1.9 m ³ each)
4	Cemented sludge	3.328	3.328	16	0
4	Combustible-noncombustible waste	9.444	9.444	18	3
Total MTRU Waste Volume Shipped		12.772	12.772	34	3

Table 2

DOE EM-LA/N3B Total Volume of MLLW Waste Shipped to Energy Solutions Sorted by Treatability Group

STP Section	Treatability Group	Volume Removed from STP Inventory (m ³)	Volume Shipped (m ³)	No. of 55-gal. Containers (0.208 m ³ each)	No. of SWB Containers (1.9 m ³ each)
3.3.4	10 – 100 nCi/g waste	0.208	0.208	1	0
Total MLLW Waste Volume Shipped		0.208	0.208	1	0

Table 3
DOE NA-LA/Triad Total Volume of MTRU Waste
Shipped to WIPP Sorted by Treatability Group

STP Section	Treatability Group	Volume Removed from STP Inventory (m ³)	Volume Shipped (m ³)	No. of 55-gal. Containers (0.208 m ³ each)	No. of SWB Containers (1.9 m ³ each)
4	Combustible-noncombustible waste	61.820	61.820	215	9
Total MTRU Waste Volume Shipped		61.820	61.820	215	9

Table 4
DOE NA-LA/Triad Total Volume of MLLW Waste
Shipped to Energy Solutions Sorted by Treatability Group

STP Section	Treatability Group	Volume Removed from STP Inventory (m ³)	Volume Shipped (m ³)	No. of 55-gal. Containers (0.208 m ³ each)	No. of B12 Steel Boxes Containers (1.246 m ³ each)
3.1.5	Activated or Inseparable Lead	2.700	2.700	1	2
Total MLLW Waste Volume Shipped		2.700	2.700	1	2

The total combined volume of MTRU waste shipped to WIPP in the fourth quarter of FY 2019 was 74.592 m³. The total combined volume of MLLW waste shipped to WIPP in the fourth quarter of FY 2019 by DOE EM-LA/N3B was 2.908 m³.

If you have any questions regarding DOE EM-LA/N3B STP-covered wastes, please contact Stacie Burke at (505) 695-4257 (stacie.burke@em-la.doe.gov) or Elizabeth Churchill at (505) 257-7905 (elizabeth.churchill@em.doe.gov). If you have any questions regarding DOE NA-LA/Triad STP-covered wastes, please contact Avril Millensted at (505) 665-3350 (avril.millensted@lanl.gov) or Adrienne Nash at (505) 665-5026 (adrienne.nash@nnsa.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 LANL, and representing DOE EM-LA, DOE NA-LA, N3B, and Triad, that to the best of our knowledge, the information in this document is true, accurate, and complete.

Sincerely,



Stacie Burke
STP Project Manager
Environment, Safety, and Health
N3B

Sincerely,



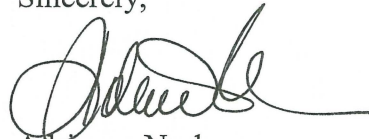
Elizabeth Churchill
STP Project Manager
Environmental Management
Los Alamos Field Office

Sincerely,



Avril Millensted
STP Project Manager
Waste Management Programs
Triad

Sincerely,



Adrienne Nash
STP Project Manager
National Nuclear Security Administration
Los Alamos Field Office

Enclosure(s): 1. DOE EM-LA/N3B Shipment Manifests for MTRU Waste
2. DOE EM-LA/N3B Shipment Manifests for MLLW
3. DOE NA-LA/Triad Shipment Tables for MTRU Waste
4. DOE NA-LA/Triad Shipment Manifests for MTRU Waste
5. DOE NA-LA/Triad Shipment Tables for MLLW Waste
6. DOE NA-LA/Triad Shipment Manifests for MLLW Waste

cc (letter and enclosure[s] emailed):

Laurie King, EPA Region 6, Dallas, TX
Pam Allen, NMED-HWB
Siona Briley, NMED-HWB
Peter Maggiore, NA-LA
Adrienne Nash, NA-LA
Jody Pugh, NA-LA
Darlene Rodriguez, NA-LA
Lee Bishop, EM-LA
Elizabeth Churchill, 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
Sandra Story-Hughes, LANL
Enrique Torres, LANL
William Alexander, N3B
Carol Anderson, N3B
Victoria Baca, N3B
Lacey Bruaw, N3B
Stacie Burke, N3B
Emily Day, N3B
Mary Erwin, N3B
Eric Evered, N3B
Ellen Gammon, N3B
Stephanie Q. Griego, N3B
Debby Holgerson, N3B
Kim Lebak, N3B
Joseph Legare, N3B
Dana Lindsay, N3B
Frazer Lockhart, N3B
Elizabeth Lowes, N3B
Pamela Maestas, N3B
Jason Moore, N3B
Glenn Morgan, N3B
Lester Patten, N3B
Gary Pool, N3B
Ben Roberts, N3B
Randy Sandoval, N3B
Tashia Vigil, N3B
Jeff, Yarbrough, N3B
Jennifer von Rohr, N3B
emla.docs@em.doe.gov
N3B Records
Public Reading Room (EPRR)
epc-correspondence@lanl.gov
rcra-prr@lanl.gov

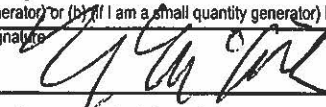
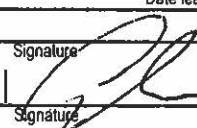
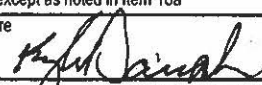
ENCLOSURE 1

DOE EM-LA/N3B Shipment Manifests for MTRU Waste

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number		
		NMC890010515	1	575-885-6883	014974279 JJK		
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)					
WCS on behalf of LANL on behalf of U.S. DOE 8998 W State HWY 175 Andrews, TX 79714		Los Alamos National Security LLC for TA-54 West, BLDG 38 Los Alamos, NM					
Generator's Phone: 32-525-8500							
6. Transporter 1 Company Name		Cast Speciality Inc.			U.S. EPA ID Number		
					CQR000206722		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address		USDOE in care of WIPP Nuclear Waste Partnership 30 miles SE of Carlsbad on Jal Highway Carlsbad, NM 88221 USA			U.S. EPA ID Number		
					NM4890139068		
Facility's Phone: 575-234-6125							
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. RQ UN2915, Waste, Radioactive Material, Type B(U) Package, fissile excepted, 7, Am-241, Pu-238, Pu-239, Pu-240, 5.417E+00 TBq, Solid/Oxide, Radioactive Yellow-II, TI-0.4, USA/9279/B(U)F-96, HP-505	1	CM	1022	K	F001 F002 F005 D004 D005 D006	
X	2. RQ UN2915, Waste, Radioactive Material, Type B(U) Package, fissile excepted, 7, Am-241, Pu-238, Pu-240, 3.209E+00 TBq, Solid/Oxide, Radioactive Yellow-II, TI-0.3, USA/9279/B(U)F-96, HP-502	1	CM	1010	K	F001 F002 F005 D004 D005 D006	
	3.						
	4.						
14. Special Handling Instructions and Additional Information							
Shipment#WVC190001; ERG#163; Tractor # C-49; Trailer # C-305; Gross Weight HP#505-5904 KG, LASB50423/14-108696; HP#502-5923 KG, LASB50075/14-108605,							
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		Signature			Month	Day	Year
Steve Williams					07	11	19
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		Signature			Month	Day	Year
Darryl Har					07	11	19
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.		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		Signature			Month	Day	Year
K. H. J. J. J.					07	11	19

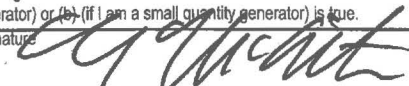
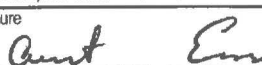
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM40890010515	2. Page 1 of 1	3. Emergency Response Phone 575-898-8888	4. Manifest Tracking Number 014974280 JJK		
5. Generator's Name and Mailing Address WCS on behalf of LANL on behalf of U.S. DOE 9998 W State HWY 176 Andrews, TX 79714				Generator's Site Address (if different than mailing address) Los Alamos National Security LLC for TA-54 West, BLDG 38 Los Alamos, NM			
Generator's Phone: 32-525-8500				U.S. EPA ID Number CGR000205722			
6. Transporter 1 Company Name Cast Specialty Inc.				U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address USDOE in care of WIPP Nuclear Waste Partnership 30 miles SE of Carlsbad on Jal Highway Carlsbad, NM 88221 USA				U.S. EPA ID Number NM4890139068			
Facility's Phone: 575-234-8126							
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. RQ UN2915, Waste, Radioactive Material, Type B(U) Package, fissile excepted, 7, AM-241, Pu-239, Pu-240 2.428E+00 TBq, Solid/Oxide, Radioactive Yellow-II, TI-0.9, USA/9279/B(U)F-95, HP-S13	1	CM	1154	K	F001 F002 F005 D004 D005 D006
	X	2. RQ UN2915, Waste, Radioactive Material, Type B(U) Package, fissile excepted, 7, Am-241, Pu-239, Pu-240, 8.506E-01 TBq, Solid/Oxide, Radioactive Yellow-II, TI-0.3, USA/9279/B(U)F-95, HP-S04	1	CM	775	K	F001 F002 F005 D004 D005 D006
		3.					
		4.					
14. Special Handling Instructions and Additional Information Shipment# WC190002; ERG#163; Tractor # C-47, Trailer # C-305; Gross Weight: HP#513-6035 KG; LAS#50320/14-106699; HP#504-6598 KG; LAS#50109/14-106586;							
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 Steve Williams				Signature 		Month Day Year 07 11 19	
TRANSPORTER	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 Jr. Signature: Month Day Year: 07 11 19 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month Day Year: _____						
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) _____ 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: Signature: Month Day Year: 07 11 19							

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WM489010515		2. Page 1 of 1		3. Emergency Response Phone (575) 695-8514		4. Manifest Tracking Number 010505484 FLE	
		5. Generator's Name and Mailing Address W3B LLC on Behalf of UNDOE 600 6th Street Los Alamos, NM 87544 Generator's Phone: (505) 695-8514							
6. Transporter 1 Company Name CART Specialty Transportation, Inc.								U.S. EPA ID Number CON000206722	
7. Transporter 2 Company Name								U.S. EPA ID Number	
8. Designated Facility Name and Site Address UNDOE in Care of WIPP Nuclear Waste Partnership 30 Miles SE of Carlsbad on Jal Highway Carlsbad, NM 88221 Facility's Phone: (575) 234-4125								U.S. EPA ID Number WM4890139088	
Ba. 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						
RG	1. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, HRCQ, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 4.74E+00TBq, Solid, Oxide, Yellow-III, TI=0.4, CSI=0.0, USA/9218/B(U)F-96, TP-102	1	CM	1,919	KG	D004	D005	D006	
RG	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, HRCQ, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 7.00E+00TBq, Solid, Oxide, Yellow-III, TI=0.4, CSI=0.0, USA/9218/B(U)F-96, TP-135	1	CM	1,530	KG	D004	D005	D006	
RG	3. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 2.09E+00TBq, Solid, Oxide, Yellow-II, TI=0.4, CSI=0.0, USA/9218/B(U)F-96, TP-142	1	CM	1,205	KG	D004	D005	D006	
	4.								
14. Special Handling Instructions and Additional Information Shipment LA190019, LAWL POC - Nancy McAllister (505)695-8514, ERG#165, Highway Route Control Quantity (HRCQ) Shipment, Tractor #C48, Trailer #C364, Gross Weights in Kilograms: TP-102= 7,620Kg, TP-135= 7,263Kg, TP-142= 6,928Kg. Emergency Response Information Provider - WIPP CMH.									
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 Nancy McAllister						Signature <i>[Signature]</i>		Month Day Year 10/15/19	
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 Brad Steinman						Signature <i>[Signature]</i>		Month Day Year 10/15/19	
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 Darrach						Signature <i>[Signature]</i>		Month Day Year 10/15/19	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WM0890010515	2. Page 1 of 1	3. Emergency Response Phone (575) 885-6883	4. Manifest Tracking Number 010505485 FLE			
5. Generator's Name and Mailing Address W3B LLC on Behalf of USDOE 600 6th Street Los Alamos, NM 87544				Generator's Site Address (if different than mailing address) W3B LLC on Behalf of USDOE TA-54, Area G Los Alamos, NM 87544				
Generator's Phone: (505) 695-8514								
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 USDOE In Care of WIPP Nuclear Waste Partnership 30 Miles SE of Carlsbad on Jal Highway Carlsbad, NM 88221				U.S. EPA ID Number WM4890139088				
Facility's Phone: (575) 234-8125								
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, HRCQ, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 5.31E+00TBq, Solid, Oxide, Yellow-III, TI=0.4, CSI=0.0, USA/9218/B(U)F-96, TP-132	1	CM	1,876	KG	D004	D005	D006
						D007	D008	D009
RQ	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, HRCQ, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 4.11E+00TBq, Solid, Oxide, Yellow-III, TI=0.4, CSI=0.0, USA/9218/B(U)F-96, TP-134	1	CM	1,585	KG	D004	D005	D006
						D007	D008	D009
RQ	3. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 2.77E+00TBq, Solid, Oxide, Yellow-II, TI=0.4, CSI=0.0, USA/9218/B(U), TP-166	1	CM	1,102	KG	D004	D005	D006
						D007	D008	D009
	4.							
14. Special Handling Instructions and Additional Information Shipment #LA190020, LANL POC- Nancy McAllister 505-695-8514, ERG#165, Highway Route Control Quantity (HRCQ) Shipment, Tractor#C41, Trailer#C352, Gross Weights: TP-132= 7,645KG, TP-134= 7,343KG, TP-166= 6,908KG. Emergency Response Information Provider - WIPP CMR.								
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 Nancy McAllister				Signature 		Month Day Year 08/29/19		
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 GENAL R LILKE				Signature 		Month Day Year 08/29/19		
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 Darrach				Signature 		Month Day Year 08/29/19		

ENCLOSURE 2

DOE EM-LA/N3B Shipment Manifests for MLLW

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 010505600 FLE		
5. Generator's Name and Mailing Address ATTN: NANCY MCALLISTER N3B LLC on behalf of USDOE 1200 Trinity Drive, Suite 150, MS H814 Los Alamos, NM 87544			Generator's Site Address (if different than mailing address) N3B LLC on behalf of USDOE Los Alamos, NM 87544				
Generator's Phone:							
6. Transporter 1 Company Name Hittman Transportation Services, Inc. (TN1)			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 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		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	X	1 NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III, (D001, D018), LIMITED QUANTITY RADIOACTIVE MATERIAL	1	DM	38	K	D001 D018
14. Special Handling Instructions and Additional Information 1.1 47325, W852875, 171 ES profile 9705-07-0001							
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 NANCY MCALLISTER			Signature 			Month Day Year 09 12 19	
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	Transporter 1 Printed/Typed Name Paul Beck			Signature 		Month Day Year 9 12 19	
	Transporter 2 Printed/Typed Name			Signature		Month Day Year	
DESIGNATED FACILITY	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.	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 Albert Ems			Signature 		Month Day Year 9 13 19	

ENCLOSURE 3

DOE NA-LA/Triad Shipment Tables for MTRU Waste

EPC-DO: 19-406

LA-UR: 19-31171

STP MTRU SHIPMENT July 18, 2019 TO WIPP FROM LANL

Container ID	LABELLED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
832817	LA00000067495	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
832822	LA00000067497	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
832824	LA00000067499	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
824767	LA00000070704	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
802243	LA00000070741	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
802328	LA00000070742	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
802329	LA00000070743	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
823099	LA00000070750	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
802464	LA00000070798	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
823360	LA00000070799	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
827516	LA00000070875	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
833443	LA00000070960	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
835030	LA00000070964	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
835032	LA00000070965	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
835315	LA00000070971	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
835449	LA00000070973	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
728762	LA00000070985	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
743573	LA00000070994	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
824065	LA00000071029	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
830541	LA00000071151	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
829236	LA00000071222	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006

Container ID	LABELLED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
831288	LA00000071223	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
834581	LA00000071243	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
744095	LA00000071510	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO3.001/ CCP-AK-LANL-009
728765	LA00000071516	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO3.001/ CCP-AK-LANL-009
744284	LA00000071530	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO3.001/ CCP-AK-LANL-009
833181	LA00000071537	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO3.001/ CCP-AK-LANL-009
740036	LA00000067299	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
738939	LA00000067348	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
741069	LA00000067605	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
742268	LA00000067632	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
742271	LA00000067643	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
744331	LA00000067676	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
735985	LA00000067681	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
738244	LA00000067692	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
821076	LA00000070654	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
821069	LA00000070655	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
834621	LA00000071173	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
834635	LA00000071174	MTRU	WIPP	011197628FLE	18-Jul-19	55.0-gal DM	0.20819766	S5400/ Combustible/Non combustible	LA-MHDO1.001/ CCP-AK-LANL-006
Manifest # 011197628FLE				18-Jul-19	TOTAL m3	8.11970874			

Container ID	LABELED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
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STP MTRU SHIPMENT July 25, 2019 TO WIPP FROM LANL

Container ID	LABELED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID
824776	LA00000070611	MTRU	WIPP	011197624FLE	25-Jul-19	55.0 gal DM	0.20819766	S5400/ Combustible/ Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
825589	LA00000070627	MTRU	WIPP	011197624FLE	25-Jul-19	55.0 gal DM	0.20819766	S5400/ Combustible/ Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
825069	LA00000070770	MTRU	WIPP	011197624FLE	25-Jul-19	55.0 gal DM	0.20819766	S5400/ Combustible/ Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
828233	LA00000071121	MTRU	WIPP	011197624FLE	25-Jul-19	55.0 gal DM	0.20819766	S5400/ Combustible/ Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
830392	LA00000071148	MTRU	WIPP	011197624FLE	25-Jul-19	55.0 gal DM	0.20819766	S5400/ Combustible/ Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
832662	LA00000071736	MTRU	WIPP	011197624FLE	25-Jul-19	55.0 gal DM	0.20819766	S5400/ Combustible/ Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
836460	LA00000071745	MTRU	WIPP	011197624FLE	25-Jul-19	55.0 gal DM	0.20819766	S5400/ Combustible/ Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
834878	LA00000071838	MTRU	WIPP	011197624FLE	25-Jul-19	55.0 gal DM	0.20819766	S5400/ Combustible/ Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
Manifest # 011197624FLE					25-Jul-19	TOTAL m3	1.66558128		

STP MTRU SHIPMENT August 1, 2019 TO WIPP FROM LANL

Container ID	LABELED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
821622	LA00000067840	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
824769	LA00000070612	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
823614	LA00000070614	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
823057	LA00000070696	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
827535	LA00000070703	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
827532	LA00000070714	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
824934	LA00000070731	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
822812	LA00000070744	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
822809	LA00000070752	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
825592	LA00000070775	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
742507	LA00000070779	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
825601	LA00000070831	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
823547	LA00000070836	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
823346	LA00000070856	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
824053	LA00000070863	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
827407	LA00000070867	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
832870	LA00000070904	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
833442	LA00000070959	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
835451	LA00000070974	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
835469	LA00000070982	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009
835467	LA00000070984	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD03.001/ CCP-AK-LANL-009

Container ID	LABELED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
823564	LA00000071022	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
823615	LA00000071024	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
828191	LA00000071107	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
829867	LA00000071128	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
830202	LA00000071138	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
835066	LA00000071230	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
831471	LA00000071250	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
831327	LA00000071251	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
833095	LA00000071252	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
835833	LA00000071859	MTRU	WIPP	011197621FLE	1-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
Manifest # 011197621FLE					1-Aug-19	TOTAL m3	6.448		

STP MTRU SHIPMENT August 9, 2019 TO WIPP FROM LANL

Container ID	LABELED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
823510	LA00000070634	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
827061	LA00000070740	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
827931	LA00000070874	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
827577	LA00000070877	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
822281	LA00000071043	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
835505	LA00000071277	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
831169	LA00000071703	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
822567	LA00000070753	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
822838	LA00000070760	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
827576	LA00000070876	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
831168	LA00000071298	MTRU	WIPP	011197691FLE	9-Aug-19	55.0-gal DM	0.208	S5400/ Combustible/Non combustible	LA-MHD01.001/ CCP-AK-LANL-006
Manifest # 011197691FLE					9-Aug-19	TOTAL m3	2.288		

STP MTRU SHIPMENT September 5, 2019 TO WIPP FROM LANL

Container ID	LABELLED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
738937	LA00000067350	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
826870	LA00000067433	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
826868	LA00000067443	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
826871	LA00000067457	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
831286	LA00000067488	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
831294	LA00000067491	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
831295	LA00000067492	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
832817	LA00000067495	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
743786	LA00000067631	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
742337	LA00000067642	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
742271	LA00000067643	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
735964	LA00000067667	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
744670	LA00000067763	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
744669	LA00000067765	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
744665	LA00000067766	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
744667	LA00000067767	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
745046	LA00000067768	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
819946	LA00000067778	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
745411	LA00000067784	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
816892	LA00000067788	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
820501	LA00000067803	MTRU	WIPP	011197689FLE	5-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006

[illegible]

STP MTRU SHIPMENT September 12, 2019 TO WIPP FROM LANL

Container ID	LABELLED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
821478	LA00000067282	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
831296	LA00000067487	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
820789	LA00000067835	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
821746	LA00000070606	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
822227	LA00000070675	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
822051	LA00000070676	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
824708	LA00000070713	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
824933	LA00000070730	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
824937	LA00000070734	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
827083	LA00000070802	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
827508	LA00000070815	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
827572	LA00000070834	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
827512	LA00000070842	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
827511	LA00000070843	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
823638	LA00000070853	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
823563	LA00000071021	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
824140	LA00000071028	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
824074	LA00000071071	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
824073	LA00000071072	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
831287	LA00000071211	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
834583	LA00000071245	MTRU	WIPP	011197687FLE	12-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006

STP MTRU SHIPMENT September 17, 2019 TO WIPP FROM LANL

Container ID	LABELLED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
740718	LA00000067258	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
822735	LA00000067440	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
822725	LA00000067453	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
824182	LA00000067853	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
743787	LA00000067871	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
740926	LA00000067890	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
824185	LA00000070602	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
801233	LA00000070643	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
821185	LA00000070649	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
821987	LA00000070662	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
822734	LA00000067439	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
822726	LA00000067444	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
745045	LA00000067762	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
744666	LA00000067764	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
820524	LA00000067823	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
820781	LA00000067861	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
802072	LA00000067867	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
797884	LA00000070600	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
820723	LA00000070638	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
801232	LA00000070648	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
821986	LA00000070663	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006

Container ID	LABELED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
824704	LA00000070727	MTRU	WIPP	011197686FLE	17-Sep-19	55.0-gal DM	0.208	55400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
			Manifest # 011197686FLE		17-Sep-19	TOTAL m3	4.576		

STP MTRU SHIPMENT September 19, 2019 TO WIPP FROM LANL

Container ID	LABELED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
822733	LA00000067435	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
822732	LA00000067438	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
826869	LA00000067454	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
822731	LA00000067467	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
822729	LA00000067489	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
740212	LA00000067601	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
741070	LA00000067603	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
741917	LA00000067638	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
741235	LA00000067653	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
742463	LA00000067660	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
742341	LA00000067661	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
735965	LA00000067670	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
744152	LA00000067671	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
744619	LA00000067795	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
820496	LA00000067811	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
820495	LA00000067812	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
820787	LA00000067836	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
821977	LA00000067841	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
820790	LA00000067847	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
820507	LA00000070641	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
835202	LA00000071247	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006

Container ID	LABELLED_ID	WASTE TYPE	DESTINATION	MANIFEST ID ATLAS	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE	CCP WS ID/ CCP- AK
835283	LA00000071268	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
728843	LA00000071574	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
838437	LA00000071580	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
838743	LA00000071584	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
831257	LA00000071705	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO1.001/ CCP-AK-LANL-006
839710	LA00000072109	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
839711	LA00000072113	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
840212	LA00000072135	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
840618	LA00000072143	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
840917	LA00000072145	MTRU	WIPP	011197680FLE	19-Sep-19	55.0-gal DM	0.208	S5400/ Combustible/ Noncombustible	LA-MHDO3.001/ CCP-AK-LANL-009
			Manifest # 011197680FLE		19-Sep-19	TOTAL m3	6.448		

ENCLOSURE 4

DOE NA-LA/Triad Shipment Manifests for MTRU Waste

EPC-DO: 19-406

LA-UR: 19-31171



CP:19:01231
UFC: 5822.00

August 6, 2019

Mr. G. L. Gallegos, Nuclear Materials Shipper
Los Alamos National Laboratory
P.O. Box 1663
Bikini Atoll Road SM-30
Los Alamos, NM 87545

Subject: MANIFEST FORMS FOR LOS ALAMOS NATIONAL LABORATORY SHIPMENT NUMBERS
LA190013, LA190014, AND LA190016.

Dear Mr. Gallegos:

Enclosed are the manifests for Waste Shipment numbers LA190013, LA190014, and LA190016
received at the Waste Isolation Pilot Plant between July 18, 2019 and August 1, 2019.

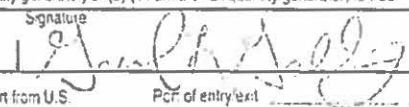
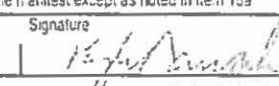
If you have any questions or comments, please contact Mr. R. S. Nieman at (575) 234-8184.

Sincerely,

A. M. Johnson, Manager
Transportation Management

RSN:rg

Attachments (3)

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator ID Number MN3890010515	2 Page 1 of 1	3 Emergency Response Phone (575) 883-6863	4. Manifest Tracking Number 011197628 FLE			
5. Generator's Name and Mailing Address LAWL ON BEHALF OF THE US DEPT OF ENERGY BIKINI ATOLL ROAD, BLDG 5M-30; LOS ALAMOS, NM 87545 Generator's Phone: (505) 667-6211				Generator's Site Address (if different than mailing address) Triad, LLC on Behalf of the US DEPT of Energy BIKINI ATOLL ROAD, BLDG 5M-30; LOS ALAMOS, NM 87545				
6 Transporter 1 Company Name CAST Transportation				U.S. EPA ID Number COR000205742				
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 Facility's Phone: (575) 234-0467				U.S. EPA ID Number MN1590135088				
GENERATOR	9a U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))			10. Containers		11 Total Quantity	12 Unit Vol/Vol	13 Waste Codes
				No	Type			
	1. UM332B, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid Elemental, Activity= 1.636E00 TBq, RADIOACTIVE YELLOW II, TI=0.5CSI=0.0 USA/9218/B(U)F-96 TP-126			1	CM	1,337	EG	D004 D005 D006 D007 D008 D009
	2. UM332B, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-235, Pu-240, Am-241, Solid Elemental, Activity= 1.053E00 TBq, RADIOACTIVE YELLOW II, TI=0.5CSI=0.0 USA/9218/B(U)F-96 TP-126			1	CM	997	EG	D004 D005 D006 D007 D008 D009
	3. UM332B, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-239, Pu-240, Am-241, Solid Elemental, Activity= 1.533E00 TBq, RADIOACTIVE YELLOW II, TI=0.4CSI=0.0 USA/9218/B(U)F-96 TP-126			1	CM	784	EG	D004 D005 D006 D007 D008 D009
	4. X							
14. Spot Handling Instructions and Additional Information Shipments: LA150014, LHM 1900: Oak Island Gallagor/Wastor Trujillo 505-412-7969/505-500-6129 Emergency response #165 Tractor#C49, Trailer#3375 Gross Weights: TP#126= 7,114kg, TP#190= 6,729kg, TP#180= 6,599kg Emergency Response Information Provider: Los Alamos National Laboratory (505) 667-6211 AUA-VPA-75.								
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 252.27(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 Gabriel Gallagor				Signature 		Month Day Year 07 18 19		
INT'L	16 International Shipments ☐ Import to U.S. ☐ Export from U.S.			Port of entry/exit Date leaving U.S.				
	Transporter signature (for exports only).							
TRANSPORTER	17 Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Bryan Sherman			Signature 		Month Day Year 07 18 19		
	Transporter 2 Printed/Typed Name			Signature		Month Day Year		
DESIGNATED FACILITY	12 Discrepancy							
	12a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
	Manifest Reference Number.							
	12b Alternate Facility (or Generator) U.S. EPA ID Number							
	Facility's Phone:							
	12c 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 12a							
	Printed/Typed Name Kyle Darcab			Signature 		Month Day Year 07 18 19		

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.



CP:19:01231
UFC: 5822.00

August 6, 2019

Mr. G. L. Gallegos, Nuclear Materials Shipper
Los Alamos National Laboratory
P.O. Box 1663
Bikini Atoll Road SM-30
Los Alamos, NM 87545

Subject: MANIFEST FORMS FOR LOS ALAMOS NATIONAL LABORATORY SHIPMENT NUMBERS
LA190013, LA190014, AND LA190016.

Dear Mr. Gallegos:

Enclosed are the manifests for Waste Shipment numbers LA190013, LA190014, and LA190016
received at the Waste Isolation Pilot Plant between July 18, 2019 and August 1, 2019.

If you have any questions or comments, please contact Mr. R. S. Nieman at (575) 234-8184.

Sincerely,

A. M. Johnson, Manager
Transportation Management

RSN:rg

Attachments (3)

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator ID Number 00893010315	2 Page 1 of 1	3 Emergency Response Phone (575) 885-6163	4 Manifest Tracking Number 011197621 FLE			
5 Generator's Name and Mailing Address LANI ON BEHALF OF THE US DEPT OF ENERGY BIKINI ATOLL ROAD, BLDG 5H-30; 106 ALAMOG, NM 87545 Generator's Phone: (505) 667-2400				Generator's Site Address (if different than mailing address) Triad, LLC on behalf of the US DEPT of Energy BIKINI ATOLL ROAD, BLDG 5H-30; 106 ALAMOG, NM 87545				
6 Transporter 1 Company Name CAST Transportation				U.S. EPA ID Number CG0003206722				
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 WEST OF CHRISTOPH ON JAL HWY CRANESBURG, NM 89221 Facility's Phone: (505) 667-2400				U.S. EPA ID Number U0000140000				
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 Vol/Vol	13. Waste Codes
	100	1. UN3328, Waste Radioactive material, Type 5(U) package, fissile, 7, HMO Pu-238, Pu-239, Am-241, Solid Elemental, Activity= 2.202E00 TBq, RADIOACTIVE YELLOW III, TI=0.400E+00 UBA/9218/5/1/1F-94 TB-200		1	CI	2,093	KG	D004 D005 D006 D007 D008 D009
	100	2. UN3328, Waste Radioactive material, Type 5(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241, Solid Elemental, Activity= 2.563E00 TBq, RADIOACTIVE YELLOW III, TI=0.500E+00 UBA/9218/5/1/1F-94 TB-126		1	CH	1,265	KG	D004 D005 D006 D007 D008 D009
	100	3. UN3328, Waste Radioactive material, Type 5(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Solid Elemental, Activity= 2.242E00 TBq, RADIOACTIVE YELLOW III, TI=0.400E+00 UBA/9218/5/1/1F-94 TB-133		1	CH	980	KG	D004 D005 D006 D007 D008 D009
14. Special handling instructions and additional information Shipments: 1A150016, LANI: 1001 Gabriel Gallagos/Mexico Tijuillo 505-617-7549/505-500-6172 Emergency response #155 Tractor #341, Trailer #303/3 Gross Weights: TR#290= 7,214kg, TR#126= 7,043kg, TR#123= 6,854kg Emergency Response Information Provider: Los Alamos National Laboratory (505) 667-2400 AYA-VPA 27.								
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 Name Gabriel Gallagos				Signature 		Month Day Year 03 01 15		
TRANSPORTER	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: Michael R. Lacey Signature: Month Day Year: 03 01 15 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: _____							
DESIGNATED FACILITY	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: Kelley D. ... Signature: Month Day Year: 03 01 15								



CP:19:05004
UFC: 5822.00

August 29, 2019

Mr. G. L. Gallegos, Nuclear Materials Shipper
Los Alamos National Laboratory
P.O. Box 1663
Bikini Atoll Road SM-30
Los Alamos, NM 87545

Subject: MANIFEST FORMS FOR LOS ALAMOS NATIONAL LABORATORY SHIPMENT NUMBERS LA190017
AND LA190018.

Dear Mr. Gallegos:

Enclosed are the manifest copies for Waste Shipment numbers LA190017 and LA190018 received at
the Waste Isolation Pilot Plant between August 7, 2019 and August 9, 2019.

If you have any questions or comments, please contact Mr. R. S. Nieman at (575) 234-8184.

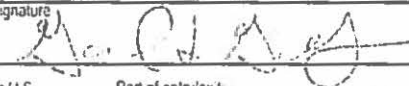
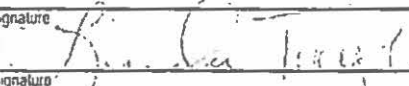
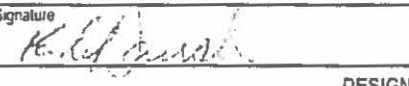
Sincerely,

A. M. Johnson, Manager
Transportation Management

RSN:rsn

Attachments (2)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 000090010515	2. Page 1 of 1	3. Emergency Response Phone (575) 685-6883	4. Manifest Tracking Number 011197650 FLE				
5. Generator's Name and Mailing Address LAWL OR BEHALF OF THE US DEPT OF ENERGY BIKINI ATOLL ROAD, BLDG 5H-301 LOS ALAMOS, NM 87545 Generator's Phone: (505) 667-2400				Generator's Site Address (if different than mailing address) Triand, LMO on Behalf of the US DEPT of Energy BIKINI ATOLL ROAD, BLDG 5H-301 LOS ALAMOS, NM 87545					
6. Transporter 1 Company Name CASI Transportation				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 10 MILES EAST OF CARLSBAD ON JAL HWY CARLSBAD, NM 88221 Facility's Phone: (575) 234-2457				U.S. EPA ID Number WA1800130086					
9a. HMI	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 Vol.	13. Waste Codes	
	1. UN3328, Waste Radioactive material, TypeB(U) package, fissile, 7, HRCQ Pu-238, Pu-239, Pu-240, Am-241, Solid Elemental, Activity= 1.327E01 TBq, RADIOACTIVE YELLOWIII, TI=0.4C8I=0.0 USA/9218/1(U)F-95 TP-167			1		CM	2,067	KG	D004 D005 D006 D007 D008 D009
	2. UN3328, Waste Radioactive material, TypeB(U) package, fissile, 7, HRCQ Pu-238, Pu-239, Pu-240, Am-241, Solid Elemental, Activity= 0.253E00 TBq, RADIOACTIVE YELLOWIII, TI=0.4C8I=0.0 USA/9218/1(U)F-95 TP-190			1		CM	1,227	KG	D004 D005 D006 D007 D008 D009
	3. UN3328, Waste Radioactive material, TypeB(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241, Solid Elemental, Activity= 2.363E00 TBq, RADIOACTIVE YELLOWII, TI=0.4C8I=0.0 USA/9218/2(U)F-95 TP-131			1		CM	778	KG	D004 D005 D006 D007 D008 D009
14. Complete the following and Attach to Manifest Shipment# LA190017, LAWL C/O: Gabriel Callegos/Juanita Trujillo 505-412-0949/505-506-5129 Emergency response 4155 Tractor#C50, Trailer#C76 Gross Weight: 11,026kg, TP#150A 1 body, 5000Lbs 6,000kg Emergency Response Information Provider: Los Alamos National Laboratory (505) 667-2400 20A-15A-28									
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 Gabriel L. Callegos				Signature 		Month Day Year 08 07 19			
TRANSPORTER INTL	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 _____				Signature 		Month Day Year 08 07 19		
TRANSPORTER	Transporter 2 Printed/Typed Name _____				Signature 		Month Day Year 08 07 19		
	18. Discrepancy								
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Manifest Reference Number: _____								
DESIGNATED FACILITY	18b. Alternate Facility (or Generator)				U.S. EPA ID Number _____				
	Facility's Phone _____				Month Day Year 08 07 19				
	18c. Signature of Alternate Facility (or Generator) _____				Month Day Year 08 07 19				
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 Karl Harrah				Signature 		Month Day Year 08 07 19			

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0690020515	2. Page 1 of 1	3. Emergency Response Phone (505) 865-6883	4. Manifest Tracking Number 011197691 FLE		
5. Generator's Name and Mailing Address LAWL ON BEHALF OF THE US DEPT OF ENERGY BIRINI ATOLL ROAD, BLDG SM-30: LOS ALAMOS, NM 87545				Generator's Site Address (if different than mailing address) Triad, LLC on Behalf of the US DEPT of Energy BIRINI ATOLL ROAD, BLDG SM-30: LOS ALAMOS, NM 87545			
6. Transporter 1 Company Name CAST Transportation				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				U.S. EPA ID Number NM4890139048			
Facility's Phone: (505) 234-8457							
GENERATOR	9a Hazard	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. WB3328, Waste Radioactive material, TypeB(U) package, Fissile, 7 HRCQ Pu-238, Pu-239, Pu-240 Am-241, Solid Elemental, Activity= 1.157E01 TBq, RADIOACTIVE YELLOWIII, TI=0.4CBI=0.0 USA/9215/B(U)F-56 TP-155	1	CM	2,092	kg	D004 D005 D006 D007 D008 D009
	RQ	2. WB3328, Waste Radioactive material, TypeB(U) package, Fissile, 7 HRCQ Pu-238, Pu-239, Pu-240, Am-241, Solid Elemental, Activity= 1.035E01 TBq, RADIOACTIVE YELLOWIII, TI=0.4CBI=0.0 USA/9215/B(U)F-56 TP-138	1	CM	2,100	kg	D004 D005 D006 D007 D008 D009
		3. WB2908, Radioactive material, excepted package-empty TP-157	1	CM	5,470	kg	
X							
14. Special Handling Instructions and Additional Information Shipment# LA1300.B, LAWL DOC: Gabriel Gallagos/Mexico Trujillo 505-412-7949/505-300-6129 Emergency response #155 Trailer# 4231, Trailer VC-351 Gross Weight: TP#155= 7,882kg, TP#133= 7,979kg, TP#147= 5,670kg, Emergency Response Information Provider: Los Alamos National Laboratory (505)667-2400 AUA-VFA-20. Trailer # C415							
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/packaged 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 Gabriel A. Gallagos				Signature 		Month Day Year 08 09 15	
INT'L	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	Transporter 1 Printed/Typed Name Triad Trujillo				Signature 		Month Day Year 08 09 15
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Spare ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
	Manifest Reference Number: _____						
	13b. 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 W. Garcia				Signature 		Month Day Year 08 09 15	



CP:19:05010
UFC: 5822.00

September 19, 2019

Mr. G. L. Gallegos, Nuclear Materials Shipper
Los Alamos National Laboratory
P.O. Box 1663
Bikini Atoll Road SM-30
Los Alamos, NM 87545

Subject: MANIFEST FORMS FOR LOS ALAMOS NATIONAL LABORATORY SHIPMENT NUMBERS LA190021
THROUGH LA190024.

Dear Mr. Gallegos:

Enclosed are the manifest copies for Waste Shipment numbers LA190021 through LA190024
received at the Waste Isolation Pilot Plant between September 5, 2019 and September
17, 2019.

If you have any questions or comments, please contact Mr. R. S. Nieman at (575) 234-8184.

Sincerely,

A. M. Johnson, Manager
Transportation Management

RSN:rsn

Attachments (4)

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator ID Number RM0000010810		2 Page 1 of 1	3 Emergency Response Phone (375) 885-6883	4 Manifest Tracking Number 011197689 FLE		
5 Generator's Name and Mailing Address LABOR ON BEHALF OF THE US DEPT OF ENERGY BIKINI ATOLL ROAD, BLDG SM-30; LOS ALAMOS, NM 87545 Generator's Phone (505) 667-6211					Generator's Site Address (if different from 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 CST Transportation					U.S. EPA ID Number COM000206722			
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 Facility's Phone: (575) 234-8457					U.S. EPA ID Number RM4890139088			
9a HM	9b U.S. DOT Description (including Proper Shipping Name, Hazard Class ID Number, and Packing Group, if any)	10 Container		11 Total Quantity	12 Unit Wt./Vol	13 Waste Codes		
		Size	Type			D004	D005	D006
RQ	1 UN3328, Waste Radioactive material, Type B(U) package, Fissile, 7, HNC Pu-238, Pu-239, Pu-240, Am-241, Solid Elemental, Activity= 1.082E01 TBq, RADIOACTIVE YELLOW III, TI=0.4CSI=0.0 USA/9218/8(U)F-96 TP-141	1	CH	2,220	KG	D004	D005	D006
RQ	2 UN3328, Waste Radioactive material, Type B(U) package, Fissile, 7, HNC Pu-238, Pu-239, Pu-240, Am-241, Solid Elemental, Activity= 7.121E00 TBq, RADIOACTIVE YELLOW III, TI=0.4CSI=0.0 USA/9218/8(U)F-96 TP-147	1	CH	1,322	KG	D004	D005	D006
RQ	3 UN3328, Waste Radioactive material, Type B(U) package, Fissile, 7, Pu-239, Pu-240, Am-241, Solid Elemental, Activity= 1.456E00 TBq, RADIOACTIVE YELLOW III, TI=0.4CSI=0.0 USA/9218/8(U)F-96 TP-146	1	CH	695	KG	D004	D005	D006
						D007	D008	D009
14 Special Handling Instructions and Additional Information Shipment# LA190021, LBL POC: Gabriel L. Gallegos/Master Trujillo 505-412-7949/505-800-6129 Emergency response 8165 Tractor#C37, Trailer#C-364 Gross Weights: TP8141= 7,997kg, TP8187= 7,140kg, TP8145= 6,374kg Emergency Response Information Provider: Los Alamos National Laboratory (505)667-2400 AUA-VPA-30.								
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 regulatory requirements. I warrant 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 41 CFR 252.27, a) (4) is a large quantity generator or (b) is a small quantity generator is true.								
Generator's Official's Printed/Typed Name Gabriel L. Gallegos						Date 09 05 19		
16 International Shipments ☐ Import to U.S. ☐ Export from U.S. ☐ Partial entry/exit ☐ Outgoing U.S.								
17 Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Danny Sandoz Signature [Signature] Month 07 Day 05 Year 19								
Transporter 2 Printed/Typed Name [Blank] Signature [Blank] Month [Blank] Day [Blank] Year [Blank]								
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)								
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 Darrach Signature [Signature] Month 10 Day 05 Year 19								



CP:19:05010
UFC: 5822.00

September 19, 2019

Mr. G. L. Gallegos, Nuclear Materials Shipper
Los Alamos National Laboratory
P.O. Box 1663
Bikini Atoll Road SM-30
Los Alamos, NM 87545

Subject: MANIFEST FORMS FOR LOS ALAMOS NATIONAL LABORATORY SHIPMENT NUMBERS LA190021
THROUGH LA190024.

Dear Mr. Gallegos:

Enclosed are the manifest copies for Waste Shipment numbers LA190021 through LA190024
received at the Waste Isolation Pilot Plant between September 5, 2019 and September
17, 2019.

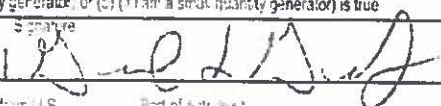
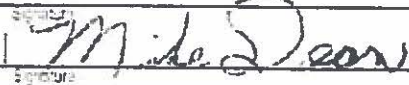
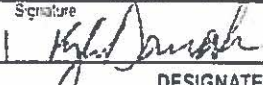
If you have any questions or comments, please contact Mr. R. S. Nieman at (575) 234-8184.

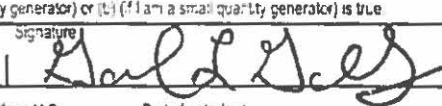
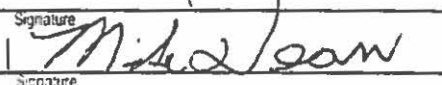
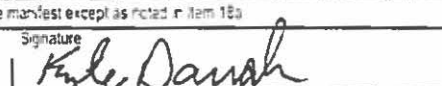
Sincerely,

A. M. Johnson, Manager
Transportation Management

RSN:rsn

Attachments (4)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number HM0890010515	2. Page 1 of 1	3. Emergency Response Phone (375) 895-6803	4. Manifest Tracking Number 011197688 FLE		
5. Generator's Name and Mailing Address LANL ON BEHALF OF THE US DEPT OF ENERGY BIKINI ATOLL ROAD, BLDG EM-30; LOS ALAMOS, NM 87545 Generator's Phone: (505) 667-6211				Generators Site Address (if different than mailing address) Triad, LLC on Behalf of the US DEPT of Energy BIKINI ATOLL ROAD, BLDG EM-30; LOS ALAMOS, NM 87545			
6. Transporter 1 Company Name CAST Transportation				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 Facility's Phone: (575) 234-8457				U.S. EPA ID Number HM4890139088			
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 (M/G/L)	13. Waste Codes
			No.	Type			
	RQ	1. WM3328, Waste Radioactive material, Type B(U) package, fissile, 7, HRCQ Pu-239, Pu-239, Solid Elemental, Activity= 9.133200 TBq, RADIOACTIVE YELLOW III, TI=0.4, CSI=0.0 UGA/9218/B(U)F-S6 TP-140	1	CM	2,173	KG	D004 D005 D006 D007 D008 D009
	RQ	2. WM3320, Waste Radioactive material, Type B(U) package, fissile, 7, HRCQ Pu-239, Pu-239, Solid Elemental, Activity= 9.437500 TBq, RADIOACTIVE YELLOW III, TI=0.4, CSI=0.0 UGA/9218/B(U)F-S6 TP-199	1	CM	2,130	KG	D004 D005 D006 D007 D008 D009
		3. WM2903, Radioactive material, excepted package-empty TP-206	1	CK	5,790	KG	
	X						
14. Special Handling Instructions and Additional Information Shipment# LA190022, LADL POC: Gabriel Gallegos/Mestor Trujillo 505-412-7949/505-500-6129 Emergency response #165 Tractor#C43, Trailer#C-340 Gross Weights: TP#148= 7,961kg, TP#199= 0,000kg, TP#206= 5,790kg Emergency Response Information Provider: Los Alamos National Laboratory (505) 667-6211 AUA-VPA-31. (505) 667-2400							
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 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) (1) (I am a large quantity generator) or (2) (I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Gabriel L. Gallegos				Signature 		Month Day Year 19 10 19	
TRANSPORTER INTL	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of export: Date leaving U.S.						
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Mike Dean Transporter 2 Printed/Typed Name Mike Dean Signature  Month Day Year 09 10 19						
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ 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) Month Day Year						
19. Hazardous Waste Report Management Method Codes (see 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 Darrach Signature  Month Day Year 09 10 19							

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator ID Number WM0890010515	2 Page 1 of 1	3 Emergency Response Phone (575) 885-6883	4. Manifest Tracking Number 011197687 FLE		
5 Generator's Name and Mailing Address LANL ON BEHALF OF THE US DEPT OF ENERGY BIKINI ATOLL ROAD, BLDG SM-30; LOS ALAMOS, NM 87545 Generator's Phone (505) 667-6211				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 Transportation				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 Facility's Phone (575) 234-8457				U.S. EPA ID Number WM4890139088			
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-238, Pu-239, Pu-240, Am-241 Solid Elemental, Activity= 1.702E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-132	1	CH	1,177	KG	D004 D005 D006 D007 D008 D009
	RQ	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241 Solid Elemental, Activity= 2.298E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-192	1	CH	709	KG	D004 D005 D006 D007 D008 D009
	RQ	3. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241 Solid Elemental, Activity= 1.606E00 TBq, RADIOACTIVE YELLOWII, TI=0.4, CSI=0.0 USA/9218/B(U)F-96 TP-152	1	CH	671	KG	D004 D005 D006 D007 D008 D009
		4.					
14. Special Handling Instructions and Additional Information Shipment# LA190023, LANL POC: Gabriel Gallegos/ Hector Trujillo 505-412-7949/505-500-6129 Emergency response #165 Tractor#C47, Trailer#C-366 Gross Weights: TP#132= 7,037kg, TP#192= 6,508kg, TP#152= 6,536kg Emergency Response Information Provider: Los Alamos National Laboratory (505)667-2400 AUA-VPA-32.							
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 Gabriel L Gallegos				Signature 		Month Day Year 09 12 19	
TRANSPORTER INTL	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 Material's Transporter 1 Printed/Typed Name Mike Dean Signature  Month Day Year 09 12 19 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____						
	18. Discrepancy 18a. Discrepancy Indication Source ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Manifest Reference Number _____ 18b. Alternate Facility (for Generator) _____ U.S. EPA ID Number _____ Facility's Phone _____ 18c. Signature of Alternate Facility (for Generator) _____ Month Day Year _____						
DESIGNATED FACILITY	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 Darrach Signature  Month Day Year 09 12 19						



Nuclear Waste Partnership

An AECDM-led partnership with BWXT and ORANO

CP:19:05010
UFC: 5822.00

September 19, 2019

Mr. G. L. Gallegos, Nuclear Materials Shipper
Los Alamos National Laboratory
P.O. Box 1663
Bikini Atoll Road SM-30
Los Alamos, NM 87545

Subject: MANIFEST FORMS FOR LOS ALAMOS NATIONAL LABORATORY SHIPMENT NUMBERS LA190021
THROUGH LA190024.

Dear Mr. Gallegos:

Enclosed are the manifest copies for Waste Shipment numbers LA190021 through LA190024
received at the Waste Isolation Pilot Plant between September 5, 2019 and September
17, 2019.

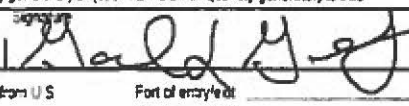
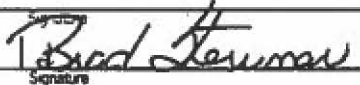
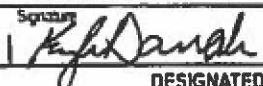
If you have any questions or comments, please contact Mr. R. S. Nieman at (575) 234-8184.

Sincerely,

A. M. Johnson, Manager
Transportation Management

RSN:rsn

Attachments (4)

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator ID Number RM0890010815	2 Page 1 of 1	3 Emergency Response Phone (575) 885-6883	4 Manifest Tracking Number 011197686 FLE			
5 Generator's Name and Mailing Address LANL ON BEHALF OF THE US DEPT OF ENERGY BIKINI ATOLL ROAD, BLDG SM-30; LOS ALAMOS, NM 87545 Generator's Phone (505) 667-6211			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 CART Transportation			US EPA ID Number C08000206722					
7 Transporter 2 Company Name			US 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 Facility's Phone (575) 234-8457			US EPA ID Number RM4890139086					
9a HAZ	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, HRCQ Pu-238, Pu-239, Pu-240, Solid Elemental, Activity= 4.644E00 TBq, RADIOACTIVE YELLOW III, TI=0.4 CSI=0.0 USA/9218/8(U)F-96 TP-207	1	CM	2,224	EO	D004	D005	D006
						D007	D008	D009
RQ	2. UN3328, Waste Radioactive material, Type B(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241 Solid Elemental, Activity= 3.041E00 TBq, RADIOACTIVE YELLOW II, TI=0.4 CSI=0.0 USA/9218/8(U)F-96 TP-143	1	CM	2,151	EO	D004	D005	D006
						D007	D008	D009
	3. UN2908, Radioactive material, excepted package-empty TP-178	1	CM	5,737	EO	D004	D005	D006
						D007	D008	D009
14. Special Handling Instructions and Additional Information Shipment# LA190024, LANL SOC: Gabriel Gallegos/Mestor Trujillo 505-412-7949/505-300-6129 Emergency response #163 Tractor#C48, Trailer#C-329 Gross Weights: TP#207= 8,168kg, TP#143= 7,976kg, TP#178= 5,737kg Emergency Response Information Provider: Los Alamos National Laboratory (505)667-2400 AUA-VPA-33.								
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 Gabriel L. Gallegos						Signature  Month Day Year 09 17 19		
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 Brad Steinman						Signature  Month Day Year 19 17 19		
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) Facility's Phone: 18c. Signature of Alternate Facility (or Generator)						U.S. EPA ID Number 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 09 17 19								



CP:19:05016
UFC: 5822.00

October 9, 2019

Mr. G. L. Gallegos, Nuclear Materials Shipper
Los Alamos National Laboratory
P.O. Box 1663
Bikini Atoll Road SM-30
Los Alamos, NM 87545

Subject: MANIFEST FORMS FOR LOS ALAMOS NATIONAL LABORATORY SHIPMENT NUMBERS LA190025
AND LA190027.

Dear Mr. Gallegos:

Enclosed are the manifest copies for Waste Shipment numbers LA190025 and LA190027 received at
the Waste Isolation Pilot Plant September 19, 2019 and October 3, 2019.

If you have any questions or comments, please contact Mr. R. S. Nieman at (575) 234-8184.

Sincerely,

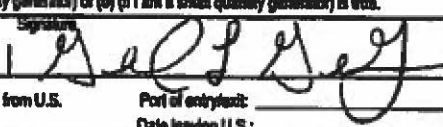
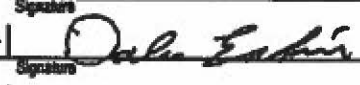
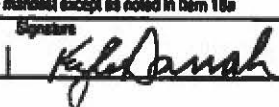
A. M. Johnson, Manager
Transportation Management

RSN:rsn

Attachments (2)

Please print or type. (Form designed for use on 8 1/2 (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IR0090010518	2. Page 1 of 1	3. Emergency Response Phone (575) 663-6883	4. Manifest Tracking Number 011197680 FLE			
5. Generator's Name and Mailing Address LADL ON BEHALF OF THE US DEPT OF ENERGY BIKINI ATOLL ROAD, BLDG 8H-30, LOS ALAMOS, NM 87545								
Generator's Phone: (505) 657-6211								
Generator's Site Address (if different than mailing address) Triad, LLC on Behalf of the US DEPT of Energy BIKINI ATOLL ROAD, BLDG 8H-30, LOS ALAMOS, NM 87545								
6. Transporter 1 Company Name CART Transportation						U.S. EPA ID Number COB000206722		
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						U.S. EPA ID Number IR0090139088		
Facility's Phone: (575) 234-8487								
9a. HA	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					
RG	1. UN3328, Waste Radioactive material, TypeB(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241 Solid Elemental, Activity= 3.459E00 TBq, RADIOACTIVE YELLOWII, TI=0.4 CRI=0.0 UGA/9218/B(U)F-96 TP-127	1	CN	1,279	KG	D004	D005	D006
						D007	D008	D009
RG	2. UN3328, Waste Radioactive material, TypeB(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241 Solid Elemental, Activity= 1.143E00 TBq, RADIOACTIVE YELLOWII, TI=0.4 CRI=0.0 UGA/9218/B(U)F-96 TP-131	1	CN	849	KG	D004	D005	D006
						D007	D008	D009
RG	3. UN3328, Waste Radioactive material, TypeD(U) package, fissile, 7, Pu-238, Pu-239, Pu-240, Am-241 Solid Elemental, Activity= 2.437E-01 TBq, RADIOACTIVE YELLOWII, TI=0.4 CRI=0.0 UGA/9218/B(U)F-96 TP-138	1	CN	776	KG	D004	D005	D006
						D007	D008	D009
14. Special Handling Instructions and Additional Information Shipments: LA196028, LADL POC: Gabriel Gallegos/ Hector Trujillo 505-612-7949/505-880-6129 Emergency response #165 Tractor#0-66, Trailer#C-346 Gross Weights: TP0127= 7,071kg, TP0131= 6,697g, TP0138= 6,657kg Emergency Response Information Provider: Los Alamos National Laboratory (505)657-2400 AEA-VPA-34.								
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 Gabriel L. Gallegos								
Signature 								
Month Day Year 09 19 19								
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 DALE EAKIR								
Signature 								
Month Day Year 09 19 19								
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 Darrach								
Signature 								
Month Day Year 10 09 19								

ENCLOSURE 5

DOE NA-LA/Triad Shipment Tables for MLLW Waste

EPC-DO: 19-406

LA-UR: 19-31171

STP MLLW SHIPMENT August 14, 2019 TO ENERGY SOLUTIONS FROM LANL

Container ID	LABELED _ID	WASTE TYPE	DESTINATION	MANIFEST ID	Ship Date	CONTAIN ER TYPE	VOL CONTAINER M3	TREATABILITY CODE
847760	W847760	MLLW	Energy Solutions	006650214FLE	14-Aug-19	55 gal steel drum	0.208	LA-W921 Activated or Inseparable Lead
845997	W845997	MLLW	Energy Solutions	006650214FLE	14-Aug-19	B-12 steel drum	1.246	LA-W921 Activated or Inseparable
			Manifest #	006650214FLE	14-Aug-19	TOTAL m3	1.454	

STP MLLW SHIPMENT August 19, 2019 TO ENERGY SOLUTIONS FROM LANL

Container ID	LABELED ID	WASTE TYPE	DESTINATION	MANIFEST ID	Ship Date	CONTAINER TYPE	VOL CONTAINER M3	TREATABILITY CODE
845998	W845998	MLLW	Energy Solutions	006650215FLE	19-Aug-19	B-12 Steel box	1.246	LA-W921 Activated or Inseparable Lead
			Manifest #	006650215FLE	19-Aug-19	TOTAL m3	1.246	

ENCLOSURE 6

DOE NA-LA/Triad Shipment Manifests for MLLW Waste

EPC-DO: 19-406

LA-UR: 19-31171



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NH0890010515	2. Page 1 of 1	3. Emergency Response Phone 505-667-2400	4. Manifest Tracking Number 006650214 FLE	
5. Generator's Name and Mailing Address ATTN: LORI SHELTON TRIAD on behalf of US Department of Energy P.O. Box 1663, MS M879 Los Alamos, NM 87545 Generator's Phone: 505-665-58680			Generator's Site Address (if different than mailing address) TRIAD on behalf of US Department of Energy Technical Area 55 Los Alamos, NM 87545			
6. Transporter 1 Company Name HP Environmental Services, Inc. (CA)				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 Facility's Phone: 435-884-0155				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 No. Type		11. Total Quantity	12. Unit Wt./Vol.
	x 1	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 7.45E-04 TBO, FISSILE-EXCEPTED	1	CM	895	K
	x 2	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 8.43E-05 TBO, FISSILE-EXCEPTED	1	DM	173	K
	3					
	4					
13. Waste Codes						
14. Special Handling Instructions and Additional Information 1.1 44317, W845997, 162 1.2 44317, W847760, 162 EnergySolutions Shipment #9334-03-0052 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/Offeror's Printed/Typed Name LORI SHELTON			Signature <i>Lori Shelton</i>		Month Day Year 8 14 19	
TRANSPORTER	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 THOD WHITE Signature <i>Thod White</i> Month Day Year 8 14 19 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____					
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: _____ 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	2	3	4		
	H132	M132				
	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 La Signature <i>Justin La</i> Month Day Year 8 15 19					

HWR # 219350-081419-01

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FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		EnergySolutions, LLC		5 SHIPPER - NAME AND FACILITY TRAD on behalf of US Department of Energy P.O. Box 1643, MS M879 Los Alamos, NM 87545		SHIPPER ID NUMBER 108018 ☐ COLLECTOR ☐ PROCESSOR ☒ GENERATOR TYPE (Specify) G		7 FORM 540 AND 540A PAGE 1 OF 1 PAGE(S) FORM 541 AND 541A 2 PAGE(S) FORM 542 AND 542A None PAGE(S) ADDITIONAL INFORMATION None PAGE(S)		8 MANIFEST NUMBER (Use the number on all continuation pages) 9334-03-0052	
1. EMERGENCY TELEPHONE NUMBER 505-867-2400 (Include Area Code)				Utah Generator Site Access Permit No. 1005095700		SHIPMENT NUMBER 108018		9 CONTACT - Name and Facility Energy Solutions LLC Interstate 80, Exit #6 Clive, UT 84029		CONTACT Shipping & Receiving TELEPHONE (Include Area Code) (801) 649-2109 DATE	
ORGANIZATION EMBR				CONTACT LORI SHELTON		TELEPHONE NUMBER (Include Area Code) 801-600-7383		SIGNATURE - Authorized consignee acknowledging waste receipt 		DATE 8-14-19	
2 IS THIS AN 'EXCLUSIVE USE' SHIPMENT? ☒ YES ☐ NO		3 TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST 2		6 CARRIER - Name and Address MP Environmental Services, Inc. (CA) 3400 Manor Street Bakersfield, CA 93306		CPA ID NUMBER CAT000824247		10 CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the requirements of 10 CFR Parts 20 and 61 or equivalent state regulations.		11 U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number and any additional information)	
4 DOES EPA REGULATED WASTE REQUIRE A MANIFEST TO ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number:		EPA MANIFEST NUMBER 006660214FLE		CONTACT Todd Johnson SIGNATURE: 		TELEPHONE (Include Area Code) 801-717-7183		12 DOT LABEL "RADIOACTIVE" NA		13 TRANSPORT INDEX NA	
11 U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number and any additional information)		12 DOT LABEL "RADIOACTIVE" NA		13 TRANSPORT INDEX NA		14 PHYSICAL AND CHEMICAL FORM SOLID OXIDE		15 INDIVIDUAL RADIOISOTOPES Am-241 Cs-137 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 U-234 U-235 U-238		16 TOTAL PACKAGE ACTIVITY MBq mCi 7.4495E+02 2.0134E+01	
UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, FISSILE-EXCEPTED		NA		NA		SOLID OXIDE		7.4495E+02 2.0134E+01		LSA-II	
UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, FISSILE-EXCEPTED		NA		NA		SOLID OXIDE		8.4314E+01 2.2787E+00		LSA-II	
UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, FISSILE-EXCEPTED		NA		NA		SOLID OXIDE		173.0909 KGS; 0.2082 MBq		W847760	
FOR CONSIGNEE USE ONLY		20. TERMS AND CONDITIONS		A. HAZARDOUS MATERIALS Generator represents & warrants that Waste Material is (or is not) a hazardous waste as defined in 40 CFR 261. Where the material is a hazardous waste, this shipment is also accompanied by a separate and completed hazardous waste manifest along with the appropriate land-disposal restriction notice and/or certification as required by 40 CFR 268.1		B. TITLE Upon acceptance at the disposal site by EnergySolutions, LLC, and all appropriate regulatory authorities, title to the Waste Material which conforms to Generator's representations herein shall thereupon transfer from Generator and be vested in EnergySolutions, LLC.		C. WASTE MATERIAL Generator represents and warrants that all data set forth in this (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) are true and correct in all respects and in accordance with all applicable governmental laws, rules, regulations and EnergySolutions, LLC's facility license.		D. INDEMNIFICATION Generator agrees to indemnify EnergySolutions, LLC, its officers, employees and agents against all losses and liability whatsoever if such losses or liability result from the failure of the Waste Material to conform in all material respects to the data supplied on the (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) or if its shipment fails to meet the standards prescribed by the Department of Transportation or any governmental agency having jurisdiction over such matters.	

FORM 540 (2-2011)

HWR# 219350-081419-01

FORM 541

EnergySolutions, LLC

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

CONTAINER AND WASTE DESCRIPTION

Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste

1. MANIFEST TOTALS

NUMBER OF PACKAGES/ DISPOSAL CONTAINERS	NET WASTE VOLUME		NET WASTE WEIGHT		SPECIAL NUCLEAR MATERIAL (grams)				
	m3	kg	kg	ton	U-233	U-235	Pu	Total	
2	m3	1.30	kg	781.49	NP	1.3469E-01	7.8408E-02	2.1309E-01	
	m3	46.02	ton	0.86		2 Containers	2 Containers		
ACTIVITY									
ALL NUCLIDES		TRITIUM		C-14		Tc-99		I-129	
MBq	8.2927E+02		NP		NP		NP	(kg)	1.8626E-02
mCi	2.2413E+01		NP		NP		NP	(tons)	2.0532E-05

2. MANIFEST NUMBER

9334-03-0052

3. PAGE 1 OF 2 PAGE(S)

4. SHIPPER NAME

TRIAD on behalf of US Department of Energy

SHIPMENT ID NUMBER

108018

5. CONTAINER IDENTIFICATION NUMBER/ GENERATOR ID NUMBER(S)	6. CONTAINER DESCRIPTION (See Note 1 & Note 1A)	7. VOLUME (m3) (N3)	8. WASTE AND CONTAINER WEIGHT (kg) (ton)	9. SURFACE RADIATION LEVEL (mSv/hr) (mrem/hr)	10. SURFACE CONTAMINATION (MBq/100 cm2) (dpm/100cm2)		11. PHYSICAL DESCRIPTION				12. CHEMICAL DESCRIPTION				13. RADIOLOGICAL DESCRIPTION				16. WASTE CLASSIFICATION AS-Class A Stable AU-Class A Unstable B-Class B C-Class C
					ALPHA	BETA-GAMMA	WASTE DESCRIPTOR (See Note 2 & Note 2A)	APPROXIMATE WASTE VOLUME(S) IN CONTAINER (m3) (FT3)	SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3)	CHEMICAL FORM/ CHELATING AGENT	WEIGHT % CHELATING AGENT IF > 0.1%	INDIVIDUAL RADIOISOTOPES AND ACTIVITY (MBq) AND CONTAINER TOTAL OR CONTAINER TOTAL ACTIVITY AND RADIOISOTOPE PERCENT							
W645797/HM0890010615	2	1.25 44.00	894.88 0.99	3.5000E-03 3.5000E-01	<3.3400E-07 <2.0000E+01	<3.3400E-08 <2.0000E+02	28	1.13 40.00	100 100	OXIDE/HP	NP	RADIOISOTOPES				pCi/gm	MBq	mCi	AU
												Am-241							
												Cs-137							
												Pu-238							
												Pu-239							
												Pu-240							
												Pu-241							
												Pu-242							
												Sr-90							
												U-234							
U-235																			
U-238																			
Subtotal																			
Total																			
SNM																			
Source																			
W647762/HM0890010515	4	0.21 7.35	173.08 0.19	<3.5000E-03 <3.5000E-01	<3.3400E-07 <2.0000E+01	<3.3400E-08 <2.0000E+02	28	0.17 0.02	100 100	OXIDE/HP	NP	RADIOISOTOPES				pCi/gm	MBq	mCi	AU
												Am-241							
												Cs-137							
												Pu-238							
												Pu-239							
												Pu-240							
												Pu-241							
												Pu-242							
												Sr-90							
												U-234							

Note 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "-QP."

Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.)

Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

Note 2A: Specific Waste Descriptions (Choose all applicable codes.)

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "-S," and the media vendor and brand name must also be identified.

FORM 541 (03-06)

FORM 541A		UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST										EnergySolutions, LLC		2 MANIFEST NUMBER 9334-03-0052			
CONTAINER AND WASTE DESCRIPTION (CONTINUATION)														3 PAGE 2 OF 2 PAGE(S)			
DISPOSAL CONTAINER DESCRIPTION						WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER										16 WASTE CLASSIFICATION AS-Class A Stable AU-Class A Unstable B-Class B C-Class C	
5 CONTAINER IDENTIFICATION NUMBER/ GENERATOR ID NUMBER(S)	6 CONTAINER DESCRIPTION (See Note 1 & Note 1A)	7 VOLUME (m3) (ft3)	8 WASTE AND CONTAINER WEIGHT (kg) (ton)	9 SURFACE RADIATION LEVEL (mSv/hr) (mrem/hr)	10 SURFACE CONTAMINATION (MBq/100 cm2) (dpm/100cm2)		11 PHYSICAL DESCRIPTION			14 CHEMICAL DESCRIPTION	15 WEIGHT % CHELATING AGENT IF > 0.1%	15 RADIOLOGICAL DESCRIPTION					
					ALPHA	BETA-GAMMA	11 WASTE DESCRIPTOR (See Note 2 & Note 2A)	12 APPROXIMATE WASTE VOLUME(S) IN CONTAINER (m3) (FT3)	13 SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3)			INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT					
												RADIONUCLIDES		pCi/gm	MBq		mCi
													U-235	[1.9056E-02 g]	2.85090E-01	1.5244E-03	4.1200E-05
													U-238	[2.6311E-03 kg]	6.12400E+00	3.2745E-02	8.8500E-04
													Subtotal			8.4314E+01	2.2787E+00
													Total			8.4314E+01	2.2787E+00
													SNM	[2.7028E-02 g]			
													Source	[2.6313E-03 kg]			
Shipment Totals		1.46 51.35	1088.07 1.18										SNM	[2.1309E-01 g]		8.2927E+02	2.2413E+01

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST ISOTOPES REPORT

For Manifest # 9334-03-0052
EnergySolutions, LLC

<u>Isotope</u>	Total Activity		
	<u>(MBq)</u>	<u>(mCi)</u>	<u>(Ci)</u>
Am-241	1.9869E+01	5.3699E-01	5.3699E-04
Ce-137	1.2607E-02	3.4074E-04	3.4074E-07
Pu-238	4.9510E+00	1.3381E-01	1.3381E-04
Pu-239	1.6887E+02	4.5640E+00	4.5640E-03
Pu-240	3.9509E+01	1.0678E+00	1.0678E-03
Pu-241	5.9555E+02	1.6096E+01	1.6096E-02
Pu-242	2.2731E-03	6.1436E-05	6.1436E-08
Sr-90	1.2607E-02	3.4074E-04	3.4074E-07
U-234	2.4775E-01	6.6960E-03	6.6960E-06
U-235	1.0774E-02	2.9120E-04	2.9120E-07
U-238	2.3181E-01	6.2650E-03	6.2650E-06

Please print or type. (Form designed for use on electric (12-point) 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 006650215 FLE
5 Generator Name and Mailing Address ATTN: LORI SHELTON TRIAD on behalf of US Department of Energy P.O. Box 1663, MS M879 Los Alamos, NM 87545 Generator Phone 5056658600			Generator EPA ID Number (Enter the manifest address) TRIAD on behalf of US Department of Energy Technical Area 55 Los Alamos, NM 87545		
6 Transporter Company Name MP Environmental Services, Inc. (CA)			US EPA ID Number CAT00062427		
7 Designated Facility Name and Site Address Energy Solutions LLC Interstate 80, Exit 49 Clive, UT 84029 Facility Phone 4358840155			US EPA ID Number UTD982598898		
GENERATOR	8a	8b US DOT Description (including Proper Shipping Name, Hazard Class ID Number, and Packing Group (if any))	9 Containers	10 Total Quantity	11 Unit of Measure
	x	RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, PU-239, PU-240, AM-241, PU-241, SOLID OXIDE, 1 435-03 TRQ, FISSILE-EXCEPTED	1 Type CN	1856	K 0908
14 Special Handling Instructions and Additional Information 1.1 44317, W845998, 162 EnergySolutions Shipment 43334-04-0055 VFA Shipment 43334-03-0033 Exclusive Use Shipment 11/14/19					
15 GENERATOR'S OFFICER'S CERTIFICATION: I hereby declare that the contents of this shipment are fully and accurately described above by a printed 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. I warrant that the above information conforms to the terms of the attached EPA Acknowledgment of Consent. I warrant that the above information is true and correct to the best of my knowledge and belief. I am a small quantity generator.					
Generator's Officer Printed Name LORI SHELTON Signature Lori Shelton Month Day Year 18 11 19					
TRANSPORTER	16 International Shipments ☐ Import to U.S. ☐ Export to U.S. ☐ Port of entry, exit, date leaving U.S.				
	17 Transporter Acknowledgment of Receipt of Materials Transporter Signature THAD WHITE Signature Thad White Month Day Year 8 19 19				
DESIGNATED FACILITY	18a Discrepancy 18a Discrepancy Indication (Circle) ☐ Quantity ☐ Type ☐ Residue ☐ Waste Receipt ☐ Full Receipt				
	18b Alternate Facility (or Generator) Manifest Reference Number US EPA ID Number				
	Facility Phone				
	18c Signature of Alternate Facility (or Generator) Month Day Year				
	19 Hazardous Waste Report Management Method Codes (see codes for hazardous waste treatment, storage, and recycling systems)				
20 Designated Facility Owner/Operator Certification: I warrant that the hazardous materials covered by the manifest except as noted in Item 18a are properly managed. Printed Name J. Gardner Signature J. Gardner Month Day Year 8 10 19					

FORM 540		EnergySolutions, LLC	
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER			
1. EMERGENCY TELEPHONE NUMBER 505-667-2400 (Include Area Code)		5. SHIPPER - Name and Facility TRIAD on behalf of US Department of Energy P.O. Box 1663, MS M879 Los Alamos, NM 87545	
ORGANIZATION EM&R		SHIPMENT NUMBER 108019	SHIPMENT NUMBER 108019
2. IS THIS AN "EXCLUSIVE USE" SHIPMENT? ☒ YES ☐ NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST 1	6. CARRIER - Name and Address MP Environmental Services, Inc. (CA) 3400 Manor Street Bakersfield, CA 93308
4. DOES EPA REGULATE WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? ☒ YES ☐ NO If "Yes" provide Manifest Number #00000		EPA MANIFEST NUMBER 006650213FLE	
CONTACT Todd Johnson		CONTACT Lori Shelton	
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number and any additional information)		12. DOT LABEL "RADIOACTIVE"	
RQ, UN 3321, Waste Radioactive material, low specific activity (LSA-II), 7, Fissile- Excepted		NA	
13. TRANSPORT INDEX		14. PHYSICAL AND CHEMICAL FORM	
NA		SOLID OXIDE	
15. INDIVIDUAL RADIONUCLIDES		16. TOTAL PACKAGE ACTIVITY MBq mCi	
Am-241 Cs-137 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 U-234 U-235 U-238		1.4334E+03 3.8743E+01	
17. LSA/SCO CLASS		18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	
LSA-II		1856.0094 KGS; 1.2459 M3	
19. IDENTIFICATION NUMBER OF PACKAGE		WB45998	
FOR CONSIGNEE USE ONLY			
Record Waste Description Inadequate Contamination or Leakage Detected Unexpected Exposure Rates Detected Labels, Markings, etc. Inadequate Container Integrity Inadequate Other No Violations Detected on this Shipment		20. TERMS AND CONDITIONS A. HAZARDOUS MATERIALS: Generator represents & warrants that Waste Material is not a hazardous waste as defined in 40 CFR 261. Where the material is a hazardous waste, this shipment is accompanied by a separate and completed hazardous waste manifest, along with the appropriate land disposal restriction notice and/or certification as required by 40 CFR 261.1. B. TITLE: Upon acceptance at the disposal site by EnergySolutions, LLC, and all appropriate regulatory authorities, title to the Waste Material which conforms to Generator's representations herein shall thereupon transfer from Generator and be vested in EnergySolutions, LLC. C. WASTE MATERIAL: Generator represents and warrants that all data set forth in this (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) are true and correct in all respects and in accordance with all applicable governmental laws, rules, regulations and EnergySolutions LLC's facility license. D. INDEMNIFICATION: Generator agrees to indemnify EnergySolutions, LLC, its officers, employees and agents against all losses and liability whatsoever if such losses or liability result from the failure of the Waste Material to conform in all material respects to the data supplied on the (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) or if the shipment fails to meet the standards prescribed by the Department of Transportation or any governmental agency having jurisdiction over such matters.	

FORM 540 (03-06)

HWR# 212350-081411-02

Notes: 1. Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "-S." and the media vendor and brand name must also be identified.

In Item 13, Code 100=NONE REQUIRED.

Solidification

90 Cement	94 Vinyl Ester Styrene
91 Concrete	99 Other Describe
(encapsulation)	in item 13, or
92 Slurries	additional page
93 Vinyl Chloride	100 None Required.

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST
ISOTOPES REPORT

For Manifest # 9334-03-0053
EnergySolutions, LLC

<u>Isotope</u>	<u>Total Activity</u>		
	<u>(MBq)</u>	<u>(mCi)</u>	<u>(Ci)</u>
Aa-241	3.4347E+01	9.2830E-01	9.2830E-04
Cs-137	2.1793E-02	5.8900E-04	5.8900E-07
Pu-238	8.5618E+00	2.3140E-01	2.3140E-04
Pu-239	2.9193E+02	7.8900E+00	7.8900E-03
Pu-240	6.8302E+01	1.8460E+00	1.8460E-03
Pu-241	1.0293E+03	2.7820E+01	2.7820E-02
Pu-242	3.9294E-03	1.0620E-04	1.0620E-07
Sc-90	2.1793E-02	5.8900E-04	5.8900E-07
U-234	4.7730E-01	1.2900E-02	1.2900E-05
U-235	2.0831E-02	5.6300E-04	5.6300E-07
U-238	4.4770E-01	1.2100E-02	1.2100E-05

