



U.S. DEPARTMENT OF ENERGY

Environmental Management

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National Nuclear Security Administration

Los Alamos Field Office
3747 West Jemez Road, MS A316
Los Alamos, New Mexico 87544
(505) 667-5105/Fax (505) 667-5948



Date: JUL 25 2019
Refer To: N3B-19-0196

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 Shipment for Final Disposal, Activity 4.0, Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los Alamos National Laboratory

Dear Ms. Briley:

This letter notifies the New Mexico Environment Department (NMED) that Newport News Nuclear BWXT-Los Alamos, LLC (N3B) has completed required activities at Los Alamos National Laboratory as set forth in the Federal Facility Compliance Order (FFCO), Section 4.0 in the Compliance Plan (CP) of the Site Treatment Plan (STP).

Please note that no activity specific to mixed transuranic waste (MTRU) was identified in either the fiscal year (FY) 2016 or FY 2017 annual STP updates. However, as with shipment of other wastes per activities listed in Section 3.2 of the FFCO, the U.S. Department of Energy (DOE) and N3B must "provide documentation to NMED that waste was received at offsite facility or provide notification of parallel option" and must report "within 45 days of receipt of waste at offsite facility or within 45 days after completion of parallel option."

N3B shipped a total of sixteen (16) containers of MTRU LA-CIN01.001 and two (2) containers of MTRU LA-MHD01.001 on June 20 and June 27, 2019, to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico. The June 20 shipment (LA190012) consisted of nine (9) containers (eight [8] 55-gal. drums and one [1] standard waste box) and was received at WIPP on June 20, 2019. Shipment details for June 20 are provided in Table 1. The June 27 shipment (LA190015) consisted of nine (9) containers (eight [8] 55-gal. drums and [1] standard waste box) and was received at WIPP on June 27, 2019. Shipment details for June 27 are provided in Table 2.

Table 1
STP-Covered MTRU Shipments from June 20, 2019

CP Section	Shipped Container ID	Waste Stream	Acceptable Knowledge ID	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Volume Shipped (m ³)	Shipment Date
4	LA00000068291	LA-MHD01.001	CCP-AK-LANL-006	Combustible-Noncombustible Waste	010505482FLE	1.9	1.9	6/20/2019
4	LASB02270/LA00000053742	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505482FLE	0.208	0.208	6/20/2019
4	LASB02270/LA00000053743	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505482FLE	0.208	0.208	6/20/2019
4	LASB02270/LA00000054035	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505482FLE	0.208	0.208	6/20/2019
4	LASB02270/LA00000054276	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505482FLE	0.208	0.208	6/20/2019
4	LASB02274/LA00000054044	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505482FLE	0.208	0.208	6/20/2019
4	LASB02274/LA00000054069	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505482FLE	0.208	0.208	6/20/2019
4	LASB02274/LA00000054299	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505482FLE	0.208	0.208	6/20/2019
4	LASB02274/LA00000055342	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505482FLE	0.208	0.208	6/20/2019
Totals						3.564	3.564	

Table 2
STP-Covered MTRU Shipments from June 27, 2019

CP Section	Shipped Container ID	Waste Stream	Acceptable Knowledge ID	Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Volume Shipped (m ³)	Shipment Date
4	LA00000068170	LA-MHD01.001	CCP-AK-LANL-006	Combustible-Noncombustible Waste	010505483FLE	1.9	1.9	6/27/2019
4	LASB02276/LA00000054057	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505483FLE	0.208	0.208	6/27/2019
4	LASB02276/LA00000054062	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505483FLE	0.208	0.208	6/27/2019
4	LASB02276/LA00000054095	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505483FLE	0.208	0.208	6/27/2019
4	LASB02276/LA00000055350	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505483FLE	0.208	0.208	6/27/2019
4	LASB02281/LA00000054237	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505483FLE	0.208	0.208	6/27/2019
4	LASB02281/LA00000055380	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505483FLE	0.208	0.208	6/27/2019
4	LASB02281/LA00000055383	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505483FLE	0.208	0.208	6/27/2019
4	LASB02281/LA00000056458	LA-CIN01.001	CCP-AK-LANL-006	Cemented Sludge	010505483FLE	0.208	0.208	6/27/2019
Totals						3.564	3.564	

Copies of the waste manifest forms are provided in Enclosure 1 (Manifest 010505482FLE [June 20, 2019]) and Enclosure 2 (Manifest 010505483FLE [June 27, 2019]).

If you have any questions, please contact Stacie Burke at (505) 695-4257 (stacie.burke@em-la.doe.gov) or Elizabeth Churchill at (505) 667-0999 (elizabeth.churchill@em.doe.gov).

Certification

In accordance with the requirements of Section XX of the FFCO, "Documents, Information, and Reporting Requirements," we certify, as the project managers responsible for overseeing the implementation of the STP for N3B and for DOE's Environmental Management Los Alamos Field Office (EM-LA), that to the best of our knowledge, the information in the document is true, accurate, and complete.

Sincerely,



Stacie Burke
STP Project Manager
Regulatory and Stakeholder Interface
N3B-Los Alamos

Sincerely,



Elizabeth Churchill
STP Project Manager
Environmental Management
Los Alamos Field Office

Enclosure(s): 1. Shipment LA190012, Manifest 010505482FLE
2. Shipment LA190015, Manifest 010505483FLE

Cy: (letter and enclosure[s] emailed)
Laurie King, EPA Region 6, Dallas, TX
Siona Briley, NMED-HWB
Pam Allen, 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
David Rhodes, 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
Carol Anderson, N3B

Victoria Baca, N3B
Lacey Bruaw, N3B
Stacie Burke, N3B
Emily Day, N3B
Ellen Gammon, N3B
Stephanie Q. Griego, N3B
Joseph Legare, N3B
Elizabeth Lowes, N3B
Pamela Maestas, N3B
Glenn Morgan, N3B
Lester Patten, N3B
Ben Roberts, N3B
Randy Sandoval, N3B
emla.docs@em.doe.gov
N3B Records
Public Reading Room (EPRR)
epc-correspondence@lanl.gov
rcra-prr@lanl.gov

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number H3B000010515	2. Page 1 of 1	3. Emergency Response Phone (505) 695-8914	4. Manifest Tracking Number 010505482 FLE					
5. Generator's Name and Mailing Address H3B LLC on Behalf of USDOR 600 5th Street Los Alamos, NM 87544 Generator's Phone: (505) 625-8314					Generator's Site Address (if different than mailing address) H3B LLC on Behalf of USDOR TA-54, Area G Los Alamos, NM 87544					
6. Transporter 1 Company Name					U.S. EPA ID Number 60000000000					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address USDOR In Care of WIPP Nuclear Waste Partnership 30 Miles SE of Carlsbad on Jal Highway Carlsbad, NM 88221 Facility's Phone: (505) 625-8314					U.S. EPA ID Number					
GENERATOR	9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes		
	RQ	1. UH3328, Waste Radioactive Material, Type B(U) package, fissile, 7, HRCQ, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 4.26E+00TBq, Solid, Oxide, Yellow-III, TP-177, 4.0E+00 U.S. 9218/8/1112-05 TP-177		1	CM	2,054	KG	D004 D007	D005 D008	D006 D009
	RQ	2. UH3328, Waste Radioactive Material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 3.69E+00TBq, Solid, Oxide, Yellow-III, TP-177, 4.0E+00 U.S. 9218/8/1112-05 TP-177		1	CM	2,005	KG	D004 D007	D005 D008	D006 D009
	RQ	3. UH3328, Waste Radioactive Material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 3.42E+02TBq, Solid, Oxide, Yellow-III, TP-177, 4.0E+00 U.S. 9218/8/1112-05 TP-177		1	CM	694	KG	D004 D007	D005 D008	D006 D009
		4.								
14. Special Handling Instructions and Additional Information Shipment #LA190012, LAWL POC - Nancy McAllister (505) 695-8914, HRCQ169, Highway Route Control Quantity (HRCQ) Shipment, Tractor#C48, Trailer#C342, Gross Weights in Kilograms: TP-168= 7,921Kg, TP-177= 7,869Kg, TP-182= 6,397Kg. 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/Offeror's Printed/Typed Name Nancy McAllister				Signature <i>Nancy McAllister</i>			Month Day Year 06 20 19			
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S. _____									
	17. Transporter Acknowledgment of Receipt of Materials									
TRANSPORTER	Transporter 1 Printed/Typed Name Bryan Steinman				Signature <i>Bryan Steinman</i>			Month Day Year 06 20 19		
	Transporter 2 Printed/Typed Name				Signature <i>Bryan Steinman</i> BSS 6-29-19			Month Day Year		
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____									
	18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. H1132		2. H1132		3. H1132		4.				
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 John V. ...				Signature <i>John V. ...</i>			Month Day Year 06 20 19			

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number HM000010515	2. Page 1 of 1	3. Emergency Response Phone (875) 885-6883	4. Manifest Tracking Number 010505483 FLE		
5. Generator's Name and Mailing Address H3B LLC on Behalf of USDOR 600 6th Street Los Alamos, NM 87544 Generator's Phone: (505) 695-8514				Generator's Site Address (if different than mailing address) H3B LLC on Behalf of USDOR TA-54, Area G Los Alamos, NM 87544			
6. Transporter 1 Company Name CAST Transportation				U.S. EPA ID Number CO000206722			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address USDOR In Care of WIPP Nuclear Waste Partnership 30 Miles SE of Carlsbad on Jal Highway Carlsbad, NM 88221 Facility's Phone: (575) 234-8125				U.S. EPA ID Number HM000139088			
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, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 4.09E+00TBq, Solid, Oxide, Yellow-II, TI=0.4, CSI=0.0, USA/9218/B(U)F-96, TP-159	1	CM	2,007	KG	D004 D005 D006 D007 D008 D009
	RQ	2. UN3328, Waste Radioactive Material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, Pu-241, 3.71E+00TBq, Solid, Oxide, Yellow-II, TI=0.4, CSI=0.0, USA/9218/B(U)F-96, TP-130	1	CM	1,993	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, 4.95E-03TBq, Solid, Oxide, Yellow-II, TI=0.4, CSI=0.0, USA/9218/B(U)F-96, TP-200	1	CM	746	KG	D004 D005 D006 D007 D008 D009
		4.					
14. Special Handling Instructions and Additional Information Shipment: HLA190018, LABEL POC - Nancy McAllister (505)695-8514, HRS4165, Tractor#C37, Trailer#C368, Gross Weights in Kilograms: TP-159= 7,772KG, TP-138= 7,781KG, TP-200= 6,476KG. Emergency Response Information Provider - WIPP CEM.							
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>Nancy McAllister</i>		Month Day Year 6 27 19	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name Alvario Chavez				Signature <i>Alvario Chavez</i>		Month Day Year 06 27 19
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	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 Darrah				Signature <i>Kyle Darrah</i>		Month Day Year 06 27 19	