

Environmental Management Los Alamos Field Office 1200 Trinity Drive, Suite 400 Los Alamos, New Mexico 87544

(240) 562-1122

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



Date: August 31, 2023 *Refer To:* N3B-2023-0304

Ms. Siona Briley, STP Project Manager Hazardous Waste Bureau New Mexico Environment Department 2905 Rodeo Park Drive East, Building 1 Santa Fe, NM 87505-6313

Subject:Notice of Completion of Off-Site Waste Shipment for Final Disposal, Activities 3.1.2,
3.1.3, 3.1.5, 3.2, 3.3.4, and 4.0 Compliance Plan, Site Treatment Plan, Federal
Facility Compliance Order, Los Alamos National Laboratory

Dear Ms. Briley:

This letter notifies the New Mexico Environment Department (NMED) that Newport News Nuclear BWXT-Los Alamos, LLC (N3B) has completed required activities at Los Alamos National Laboratory (LANL), as set forth in the Federal Facility Compliance Order (FFCO), Sections 3.1.2, 3.1.3, 3.1.5, 3.2, 3.3.4, and 4.0 in the Part III Compliance Plan (CP) of the Site Treatment Plan (STP).

Activities 3.1.2, 3.1.3, 3.1.5, 3.2, 3.3.4, and 4.0 in the Part III CP of the STP require that "within 45 working days of receipt of the waste at treatment facility or within 45 working days after completion of parallel option," the U.S. Department of Energy (DOE) and N3B shall "provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."

On July 13, 2023, N3B shipped twelve (12) 55-gal. drums of mixed transuranic (MTRU) waste (shipment LA230031) to the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico. WIPP received the shipment on July 13, 2023. Shipment details are provided in Table 1.

On July 10, 2023, N3B shipped one (1) 30-gal. drum, eight (8) 55-gal. drums, two (2) 85-gal. drums, and one (1) 110-gal. drum of mixed low-level waste (MLLW) (shipment PF1946659) to Perma-Fix of Florida (PFF) in Gainesville, Florida. PFF received the shipment on July 13, 2023. Shipment details are provided in Table 2.

Section					Volume Removed	
Sec	Shinned	Mixed Waste		Shinmont	from STP Inventory	Shipment
CP	Shipped Container ID	Inventory Report	Treatability Group	Shipment Manifest	(m ³)	Date
4.0	LA00000066957	LA-MHD01.001	Combustible - Noncombustible Waste	014834264FLE	0.208	7/13/2023
4.0	LA00000067208	LA-MHD01.001	Combustible - Noncombustible Waste	014834264FLE	0.208	7/13/2023
4.0	LA00000067390 LA-MHD01.001 Combustible - Noncombustible Waste		014834264FLE	0.208	7/13/2023	
4.0	.0 LA00000067697 LA-MHD01.001		Combustible - Noncombustible 014834264FLE Waste		0.208	7/13/2023
4.0	LASB02549 /LA00000064208	LA-MHD01.001	Combustible - Noncombustible Waste	014834264FLE	0.208	7/13/2023
4.0	LASB02549 /LA00000067652	LA-MHD01.001	Combustible - Noncombustible Waste	014834264FLE	0.208	7/13/2023
4.0	LASB02549 /LA00000072039	LA-MIN06-NS.001	Solidified Inorganic and Organic Waste	014834264FLE	0.208	7/13/2023
4.0	LASB02549 /LA00000085072	LA-MHD03.001	Combustible - Noncombustible Waste	014834264FLE	0.208	7/13/2023
4.0	LASB02551 /LA00000064714	LA-MHD03.001	Combustible - Noncombustible 014834264FI Waste		0.208	7/13/2023
4.0	LASB02551 /LA00000070117	LA-MIN06-NS.001	Solidified Inorganic and Organic Waste	014834264FLE	0.208	7/13/2023
4.0	LASB02551 /LA0000070223	LA-MIN06-NS.001	Solidified Inorganic and Organic Waste	014834264FLE	0.208	7/13/2023
4.0	LASB02551 /LA00000093192	LA-MHD01.001	Combustible - Noncombustible Waste	014834264FLE	0.208	7/13/2023
Tota	l	•		·	2.496	

Table 1STP-Covered MTRU Shipment July 13, 2023,Shipped to WIPP, Sorted by Treatability Group

Note: The container volume reference in the LANL waste management database is the following: a 55-gal. drum is 0.208 m³, a standard waste box (SWB) container is 1.9 m³. Prior to 2008, SWBs were noted as 1.9 m³ in a system called the Stored Waste Operations Oracle Network (SWOON). When the Waste Compliance and Tracking System (WCATS) was introduced as the new system being used, it was automatically populated with SWOON data. The current WCATS system automatically populates SWBs as 1.878 m³.

Shipped to PFF, Sorted by Treatability Group											
CP Section			Treatability Group	Shipment Manifest	Volume Removed from STP Inventory (m ³)	Shipment Date					
3.3.4	W12766	LA-W935	10–100 nCi/g Waste	014574024FLE	0.208	7/10/2023					
3.3.4	W13154	LA-W935	10–100 nCi/g Waste	014574024FLE	0.208	7/10/2023					
3.1.3	W750322	LA-W906	Aqueous Organic Liquids	014574024FLE	0.208	7/10/2023					
3.1.3	W757718	LA-W906	Aqueous Organic Liquids	014574024FLE	0.208	7/10/2023					
3.3.4	W771105	LA-W935	10–100 nCi/g Waste	014574024FLE	0.322	7/10/2023					
3.3.4	W790384	LA-W935	10–100 nCi/g Waste	014574024FLE	0.322	7/10/2023					
3.3.4	W794967	LA-W935	10–100 nCi/g Waste	014574024FLE	0.416	7/10/2023					
3.1.5	W835868	LA-W922	Noncombustible Debris	014574024FLE	0.114	7/10/2023					
3.1.2	W838099	LA-W904	Soil With Heavy Metals	014574024FLE	0.208	7/10/2023					
3.2	W838344	LA-W926	Compressed Gases - TBD	014574024FLE	0.208	7/10/2023					
3.3.4	W838346	LA-W935	10–100 nCi/g Waste	014574024FLE	0.208	7/10/2023					
3.1.5	W842526	LA-W922	Noncombustible Debris	014574024FLE	0.208	7/10/2023					
Total					2.838						

Table 2STP-Covered MLLW Shipment July 10, 2023,Shipped to PFF, Sorted by Treatability Group

Note: The container volume reference in the LANL waste management database is the following: a 30-gal. drum is 0.114 m³, a 55-gal. drum is 0.208 m³, an 85-gal. drum is 0.322 m³, and a 110-gal. drum is 0.416 m³.

Copies of the waste manifests are enclosed (manifest 014574024FLE and 014834264FLE).

If you have any questions, please contact Anthony Stone at (505) 690-9505 (anthony.stone@emla.doe.gov) or Arturo Duran at (575) 373-5966 (arturo.duran@em.doe.gov).

Certification

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

Sincerely,

Anthony Stone STP Project Manager CH-TRU N3B-Los Alamos

Sincerely,

ARTURO DURAN

Digitally signed by ARTURO DURAN Date: 2023.08.31 07:06:01 -06'00'

Arturo Duran STP Project Manager U.S. Department of Energy Environmental Management Los Alamos Field Office Enclosure(s): 1. Manifests 014574024FLE and 014834264FLE

cc (letter and enclosure[s] emailed): Laurie King, EPA Region 6, Dallas, TX Neelam Dhawan, NMED-HWB Ricardo Maestas, NMED-HWB Mitchell Schatz, NMED-HWB Rick Shean, NMED-RPD/HWB M. Lee Bishop, NA-LA Stephen Hoffman, NA-LA Diego Archuleta, LANL Sandra Story-Hughes, LANL Jeanette Hyatt, LANL Avril Millensted, LANL Jessica Moseley, LANL Brian Harcek, EM-LA John Evans, EM-LA Jesse Kahler, EM-LA Michael Mikolanis, EM-LA Cheryl Rodriguez, EM-LA William Alexander, N3B Carol Anderson, N3B Gwen Bechtel, N3B Brian Clayman, N3B Robert Edwards III, N3B Ellen Gammon, N3B Christian Maupin, N3B Ovide Morin, N3B Angel Sanchez, N3B Bradley Smith, N3B Jeffrey Stevens, N3B Jennifer von Rohr, N3B emla.docs@em.doe.gov epc-correspondence@lanl.gov eshqss-dcrm@lanl.gov interface@lanl.gov locatesteam@lanl.gov n3binterface@lem-la.doe.gov n3brecords@em-la.doe.gov Public Reading Room (EPRR) rcra-prr@lanl.gov

	0014204	S means							1			I. OMB No.	2050-0039			
Plea		t or type.	1. Generator ID Number		2. Page 1 of	3. Emerg	gency Response	Phone		Tracking Nu		1 0	ELE			
Î		OTT MANUETOT	NNO 890010515		1	(57	5) 885-68	83		483	420	94 r				
		erator's Name and Mailin				Generato	r's Site Address	(if different tr	nan mailing addre	55)						
	LAML ON BEHALF OF THE US DEPT OF EMERGY Triad, LLC on Sabali							of the Us	e depe	of Ener	97					
	79]a 108	rito Rd.: ALAMOS, DM 37			i i		LAMOS, M		LDC SM-30	ų.						
		ator's Phone: (505 sporter 1 Company Nam							U.S. EPA ID	Number						
		anspore Company Name							COROOOZ							
		ST Specially Transportation, Inc. Fransporter 2 Company Name								U.S. EPA ID Number						
									U.S. EPA ID	Number						
		gnated Facility Name an							010. 211110							
	55 M	TTE PERSON OF	MINING CONTRACTORS CAPLSEAD ON JAL HN	Y	dert or 1	PENDERGE E										
	Eddy	County, NM S S Phone:	8221 (575) 234-845	1					M43301	39088						
	Í		on (including Proper Shipping Nan	ne, Hazard Class, ID Number,	2		10. Conta	iners	11. Total	12. Unit	13	. Waste Code	es			
	9a, HM	and Packing Group (if a					No.	Туре	Quantity	Wt./Vol.		1	1			
		1. UN3328, Waata	a <u>Radioactive</u> Maies	्रावरील'		<u>1</u>	C'H	2,133	RC .	D004	DOOS	D006				
ATO	FQ fissils.7.HECQ. Pg-239.Pu-240.Am-241.Zolid. Elemental.Activity= 1.007E01 TEg.FADIOACTIVE YELLOWIII.TI=0.4.CEI=0.0 UEA/S218/E(U) F-96 TP-190										D097	D008	DQQS			
GENERATOR	\vdash	2 1122220 12222	- Radinactive Mate	Xaqe.					12/1	D004	D005	D006				
B	2 UN3328, Waste Radioactive material, TypeE(U) package, fissile,7, PE-238, PU-239, PU-240, Am-241, Solid, Elemental, Activity= 2,701E00 TEG, RADIOACTIVE						L	CH	1,038	XG	0007	D008	0003			
		YELLOWIT, TI-	-0.4,C8I-0.0 USA/9	-747							1	1				
	282	3. UN13228 . Wast	a Fadioactive Mate) 1-239, Pu-240, Am-243	(1al, TypeE (D) pad	kaqe,	3	12	Cré	1,120	10.75 72.25	D004	LOGS	2005			
		27 - 21 A - 41 - 377 7 - 20 - 20 - 20 - 20 - 20 - 20 - 20	ntal.Activity- 1.5 -0.4.CEI-0.0 USA/3	ISRAG TEG RADIOA	CTIVE						D907	D908	D003			
	\vdash	VELLOWIL, TA	-U.4.CB1-0.0 00A/3	219/2/014 34 44												
			and Additional Information									-				
		14. Special Handling Instructions and Additional Information Shipstant# IA230031, LAML POC: Rick Romero/Mastor Trujillo 505-412-0271/505-500-6129 Emergency response #165, Tractor#C54, Trailor#C-364, Gross Neights: TP#190- 7988kg, TP#142- 6870kg, TP#136- 7222kg Tractor#C54, Trailor#C-364, Gross Neights: TP#190- 7988kg, TP#142- 6870kg, TP#136- 7222kg														
	Tra	tor#654 Tr	aller#C-364, Gross	Neights: TP#19 Vider: Los Alamo	0= 7988k 2 Nation	ig, TP; Nal Ial	142= 687 Dozatory	(SQS) 66	7-2400, A	0, ADA-VPA-212/VDA-VPA-235						
		A Description of the second s second second sec	DR'S CERTIFICATION: I hereby or rded, and are in all respects in pro	nor condition for transpool au	COLUMN 10 ADD	ILable little		tional govern	mental regulation	s. If export sh	ipment and	I am the Prin	nary			
			contents of this consignment confi imization statement identified in 4													
		ator's/Offeror's Printed/Ty	mod Nama		Si	gnature	6	-	0		N	lonth Da	y Year			
11	_!		Kevin K. M	TAGGAR	$F \perp$	7	107		×	_		17 13	23			
INT'L	16. Inte	ernational Shipments	Import to U.S.		Export from	U.S.	Port of e Date leav									
		porter signature (for expo					Date lear	ning 0.0.								
TRANSPORTER	17. Ira	ansporter Acknowledgmer orter 1 Printed/Typed Na		2/	Si	gnature	11	2	/		N	Ionth Da	y Year 3 2,3			
l S	17	Bobby To	autor Delly	1 Auglor		to	WyC	ray	っ			fonth Da				
ANS	Transp	orter 2 Printed/Typed Na	inne /		Si	ignature	V	1			Ĩ	1				
TR										_		1				
1		screpancy				Г	Touridue		Partial R	ejection		Full Re	ejection			
	18a. D	iscrepancy Indication Sp	Quantity	Туре			Residue			6,601.011			.).			
						M	anifest Reference	e Number:		Number						
È	18b. A	Iternate Facility (or Gene	rator)						U.S. EPA IC	Number						
峎												G.				
DF	Facility	y's Phone: ignature of Alternate Fac	ility (or Generator)									Month D	ay Year			
A																
DESIGNATED FACILITY	19. Ha	azardous Waste Report N	lanagement Method Codes (i.e., o	odes for hazardous waste tre	eatment, dispos	sal, and rec	cycling systems)		4.		_					
١ ط	1. L	+127	2. H	132	3	113	2		10							
	20.0-	100	or Operator: Certification of receip	t of hazardous materials cove	ered by the ma	nifest exce	pt as noted in Ite	em 18a								
.	-	d/Typed Name				ignature	XF	2			I	Month Da	3 ZZ			
14	K	uben E	Decerra			4	ule	Child Th		V TO ED	A's p.M	ANIFEST	SYSTE			

	pres.	0700 0	00 (0	40 471	Previous	oditione	770	obeoloro
$-D\Delta$	Form	8/101-2	// IKAV	1/-188	FIEVIOUS	euluons	are	00301010.

DESIGNATED FAC

Please print or type. * 1 1 3 3 4	11.11.11.11.11.11.11.11.11.11.11.11.11.		Forr	n Approved	I. OMB No	. 2050-0039			
	nergency Response Phone	4. Manifest			27				
	ator's Site Address (if different			740	<u> </u>	FLE			
N3B LLC on behalf of USDOE N3 1200 Trinity Drive, Suite 150, MS G735 Te	N3B LLC on behalf of USDOEN3B LLC on behalf of USDOE1200 Trinity Drive, Suite 150, MS G735Technical Area 54 - Area LLos Alamos, NM 87544Los Alamos, NM 87544								
MP Environmental Services, Inc. (AZ)			00062	24247					
7. Transporter 2 Company Name U.S. EPA ID Number									
ga. 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 Coo	les			
	71	73	K	D004	D005	b006			
X 1 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, AM-241, PU-239, PU-240, SOLID OXIDE, 7.03E 05 TBQ X 2 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE FYSTER					D008	p009			
W X 2 UN3321, WASTE RADIOACTIVE MATERIAL, LOW	1 DM	51	K	D001-	2007 2002	1000 V			
SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, PU-238, SOLID OXIDE, 2.99E-05 TBQ					D005				
× 3 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED,	1 DM	49	K	D001	000 -	- Deos			
7, PU-239, PU-240, AM-241, PU-241, PU-238, SOLID OXIDE, 2,615-04 TBO				D004	D005	Þ 006			
X 4 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED.	1 DM	79	K	D006	DØØ7	0008			
7, PU-239, PU-240, AM-241, PU-241, SOLID 14. Special Handhing Instructions and Additional Information				D009	DØ10	Þ011			
1.3 48415, W757718, 162 Wood 3.1 1.4 40909, W842526, 162 Wood 3.1 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable interpreter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) of Generator's/Offeror's Printed/Typed Name NANCY MCALLISTER	ternational and national govern nt of Consent.	mental regulations.	ipping name If export sh	ipment and I	assified, pace arm the Print onth Da	mary y Year			
16. International Shipments Import to U.S. Transporter signature (for exports only): Export from U.S.	Port of entry/exit:	11 ~	<u> </u>						
	Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Transporter 2 Printed/Typed Name Signature	al Harkerty	1		Mo	nth Day 7 / / C nth Day	> 23			
LE Is. Discrepancy									
18a. Discrepancy Indication Space Quantity Type	Residue Manifest Reference Number:	Partial Rej	ection		Full Re	ejection			
18b. Alternate Facility (or Generator)		U.S. EPA ID N	lumber						
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 re	ecycling systems)	1,			I				
18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and re 1. 2. HI31 3.	H131	4.	ł	1131					
18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and re 1. 2. 4 1. 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest exce Printed/Typed Name Signature	H131	4. 	ł		onth Da	y Year 3 23			

G	ase pi	int or type. (Form designed for use on elite (1	2-pitch) typewriter.)					Forr	n Annrover	1 OMB No	. 2050-0039	
Î	T		21. Generator ID Number NM0890010515		22. Page 2 of 2	and the second second	fest Tracking Nur 574024FL	nber	in provoc	. OND NO.	2000 0000	
G	24. 0	^{ienerator's Name} N3B LLC on beh Technical Area N3B LLC on beh	54 - Area L. Los	Alamos,	NM 87544	1						
25. Transporter Company Name U.S. EPA ID Number												
11.S. EPA ID Number												
26. Transporter Company Name												
	HM	and Packing Group (if any))			28. Containe No.	ers Type	29. Total Quantity	30. Unit Wt./Vol.		Waste Code		
	х	SPECIFIC ACTIVITY	(LSA-II) FISSILE-	EXCEPTED.	1	DM	54	K	alarangkanan kalananangkaya	D005		
	X	7, PU-239, PU-240, OXIDE, 1.47E-04 TB 6 UN3321, WASTE RADI	2		1	DM	96	K	D007 D001	D008	W 6114-21	
		SPECIFIC ACTIVITY 7, PU-239, PU-240, 0XIDE, 1,52E-04 TB	(LSA-II) FISSILE- AM-241, PU-241,	EXCEPTED.	-	UII	20	17		1008		
	X		DACTIVE MATERIAL, (LSA-II) FISSILE-	LOW EXCEPTED, SOLID	1	DM	166	K	D004 D007	leseconser	D006 D009	
OR -	X	8 UN3321, WASTE RADIO SPECIFIC ACTIVITY	DACTIVE MATERIAL.	LOW	1	DM	29	K	D006	D007	D008	
GENERATOR		7, PU-239, PU-240, OXIDE, 4,87E-05 TB	AM-241, PU-241,	SOLID					D009	DØ10	D011	
GEN-	х	SPECIFIC ACTIVITY	DACTIVE MATERIAL, (LSA-II) FISSILE-	LOW EXCEPTED,	1	DM	323	K			D006	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u>OXIDE, 7.37E-04 TB</u>	AM-241, PU-241, DACTIVE MATERIAL,	LOW	1	DM	101	K			D009	
		SPECIFIC ACTIVITY 7, PU-239, PU-240,	(LSA-II) FISSILE-	EXCEPTED.	1	DH	101	ĸ	D003	D006		
	X	OXIDE, 9.93E-05 TB 11 UN3321. WASTE RADI	DACTIVE MATERIAL.	LOW	1	DM	38	K		D005	D006	
		SPECIFÍC ACTIVITY 7, PU-239, PU-240, OXIDE, 9,94E-05 TB(	AM-241, PU-241.	EXCEPTED, SOLID					D007	D008	D009	
	x	12 UN3321, WASTE RADIO SPECIFIC ACTIVITY	DACTIVE MATERIAL, (LSA-II) FISSILE-	LOW EXCEPTED,	1	DM	111	K			D006	
		7, PU-239, PU-240, OXIDE, 1.15E-04 TB	PU-241, AM-241,	SOLID					D007	D008	D009	
									-felt/blowladgester			
	-											
*	-	48548, W838344, 162 46967, W838346, 162	1002 d.4		.9 48843 .10 4396 .11 4696 .12 4696	W77 3, W8 7, W1 7, W7	1105, 16 38099, 1 2766, 16 94967, 1	PB	200 200 200 200 200 200	4.1 2.8 1.4 2.6		
23. Transporter Acknowledgement of Depoint of Methodel								Mo	onth Day	y Year		
TRANSPORTER												
TRAN	Print	ansporterAcknowledgment of Receipt of N d/Typed Name	aterials	Signature					Mo	onth Day	y Year	
λĽ	35. E	iscrepancy							I	l		
DESIGNATED FACILITY												
GNAT	36. H	azardous Waste Report Management Method Code	s (i.e., codes for hazardous waste treatm HI3 /	nent, disposal, and re H 13 I	cycling systems)	1	1131		Ц	131		
DESI		H131	H131 1	Ц13	(		•					
EP/	Form	8700-22A (Rev. 3-05) Previous editions are		<u>[4.0</u>	And the second	NATED	FACILITY TO	DESTIN/	TION ST	ATE (IF R	EQUIRED	