



U.S. DEPARTMENT OF
ENERGY

ESHID-603789

National Nuclear Security Administration

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

Environmental Management

Los Alamos Field Office
1200 Trinity Drive, Suite 400P
Los Alamos, New Mexico 87544
(240) 562-1122

Date: August 30, 2023

Mr. Ricardo Maestas, Acting Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6313

Subject: Demolition Notification for Fiscal Year 2024 and Quarter Ending December 31, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions, Hazardous Waste Facility Permit, Los Alamos National Laboratory, EPA ID# NM0890010515

Dear Mr. Maestas:

The United States Department of Energy (DOE) and its field offices, the National Nuclear Security Administration, Los Alamos Field Office (NA-LA) and the Environmental Management, Los Alamos Field Office (EM-LA), together with Triad National Security, LLC (Triad) and Newport News Nuclear BWXT-Los Alamos, LLC (N3B), collectively the Permittees, submit the enclosed report, *Demolition Notification for Fiscal Year 2024 and Quarter Ending December 31, 2023*, to the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB). The report provides notice of demolition activities for the period of October 1, 2023, through December 31, 2023, and notes the structures that were previously reported and not demolished for this fiscal year (Fiscal Year 2024) in accordance with Permit Section 1.17 of the Los Alamos National Laboratory Hazardous Waste Facility Permit (Permit) which are highlighted green in Enclosure 1.

Enclosures 1 and 2, *Demolition Notification for Fiscal Year 2024 and Quarter Ending December 31, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions*, from NA-LA/Triad and EM-LA/N3B respectively, are provided to satisfy the reporting requirements of Permit Section 1.17.1. Each enclosure also provides a signed certification from the responsible Permittee.

The notice regarding the Ion Beam Facility at TA-3 is under the scope of EM-LA; however, Triad is reporting the demolition in Enclosure 1 as the Ion Beam Facility is NA-LA property and Triad is the Maintenance and Operations contractor for NA-LA. EM-LA concurs with the Ion Beam portion of the report.

The Permittees understand that Solid Waste Management Units/Areas of Concern (SWMUs/AOCs) located within 50 feet of the structures proposed for demolition may still require investigation. The Permittees will ensure that the sampling locations and depths proposed in the approved work plans for the SWMUs/AOCs identified are not affected by the demolition activities.

Demolition activities that have the potential for adverse impact to the SWMUs/AOCs identified in this notification will be identified, evaluated, and documented. A demolition completion report will be provided to NMED-HWB within 30 days of report completion for any buildings identified by NMED-HWB in accordance with Permit Section 1.17.3.

If you have questions or comments for Triad concerning this submittal, please contact Robert A. Gallegos (NA-LA) at (505) 901-3824 or Jessica L. Moseley (Triad) at (505) 412-9362.

If you have questions or comments for EM-LA concerning this submittal, please contact Arturo Duran (EM-LA) at (575) 373-5966.

Sincerely,

**Robert A.
Gallegos**

Digitally signed by Robert A. Gallegos
Date: 2023.08.29 12:43:22 -06'00'

Robert A. Gallegos
Permitting and Compliance Program Manager
National Nuclear Security Administration
Los Alamos Field Office
U.S. Department of Energy

Sincerely,



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HARCEK
Date: 2023.08.29
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Brian G. Harcek, Acting Co-Director
Office of Quality and Regulatory Compliance
Environmental Management
Los Alamos Field Office
U.S. Department of Energy

- Enclosures: 1) Demolition Notification for Fiscal Year 2024 and Quarter Ending December 31, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions, U.S. Department of Energy, National Nuclear Security Administration, Los Alamos Field Office and Triad National Security, LLC
- 2) Demolition Notification for Fiscal Year 2024 and Quarter Ending December 31, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions, U.S. Department of Energy, Environmental Management, Los Alamos Field Office and Newport News Nuclear BWXT-Los Alamos, LLC

copy w/enclosures:

Laurie King, USEPA/Region 6, Dallas, TX, king.laurie@epa.gov
 Rick Shean, NMED, Santa Fe, NM, rick.shean@env.nm.gov
 Ricardo Maestas, NMED-HWB, Santa Fe, NM, ricardo.maestas@env.nm.gov
 Neelam Dhawan, NMED-HWB, Santa Fe, NM, neelam.dhawan@env.nm.gov
 Siona Briley, NMED-HWB, Santa Fe, NM, siona.briley@env.nm.gov
 Mitchell Schatz, NMED-HWB, Santa Fe, NM, mitchell.schatz@env.nm.gov
 Theodore A. Wyka, NA-LA, theodore.wyka@nnsa.doe.gov
 Stephen Hoffman, NA-LA, stephen.hoffman@nnsa.doe.gov
 Jason Saenz, NA-LA, jason.saenz@nnsa.doe.gov
 Karen E. Armijo, NA-LA, karen.armijo@nnsa.doe.gov
 Robert A. Gallegos, NA-LA, robert.gallegos@nnsa.doe.gov
 Michael Mikolanis, EM-LA, michael.mikolanis@em.doe.gov
 Brian G. Harcek, EM-LA, brian.harcek@em.doe.gov
 John Evans, EM-LA, john.h.evans@em.doe.gov

Arturo Duran, EM-LA, arturo.duran@em.doe.gov
Cheryl Rodriguez, EM-LA, cheryl.rodriguez@em.doe.gov
Jesse Kahler, EM-LA, jesse.kahler@em.doe.gov
Steven Coleman, Triad, ALDESHQ, scoleman@lanl.gov
Jennifer E. Payne, Triad, ALDESHQ, jpayne@lanl.gov
Jeannette T. Hyatt, Triad, EWP, jhyatt@lanl.gov
Sylvia de la Sancha, Triad, EWP, sdelasancha@lanl.gov
Andie McLaughlin-Kysar, Triad, EPC-DO, andiek@lanl.gov
Deepika Saikrishnan, Triad, EPC-DO, deepika@lanl.gov
Jessica L. Moseley, Triad, EPC-WMP, jmoseley@lanl.gov
Jason S. Hill, Triad, EPC-WMP, jshill@lanl.gov
Cecilia Trujillo, Triad, EPC-WMP, ceciliat@lanl.gov
Catherine Juarez, Triad, EPC-WMP, cjuarez@lanl.gov
Kristen Van Horn, Triad, EPC-WMP, klv@lanl.gov
Bradley Smith, N3B, bradley.smith@em-la.doe.gov
Dana Lindsay, N3B, dana.lindsay@em-la.doe.gov
Erik Loechell, N3B, erik.loechell@em-la.doe.gov
Christian Maupin, N3B, christian.maupin@em-la.doe.gov
William Alexander, N3B, william.alexander@em-la.doe.gov
Joshua Torres, N3B, joshua.torres@em-la.doe.gov
rcra-prr@lanl.gov
eshq-dcrm@lanl.gov
locatsteam@lanl.gov
epccorrespondence@lanl.gov
lasomailbox@nnsa.doe.gov
n3brecords@em-la.doe.gov
emla.docs@em.doe.gov
interface@lanl.gov
N3Binterface@em-la.doe.gov



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COPY

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Date: August 30, 2023

Mr. Ricardo Maestas, Acting Chief
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Subject: Demolition Notification for Fiscal Year 2024 and Quarter Ending December 31, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions, Hazardous Waste Facility Permit, Los Alamos National Laboratory, EPA ID# NM0890010515

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The Permittees understand that Solid Waste Management Units/Areas of Concern (SWMUs/AOCs) located within 50 feet of the structures proposed for demolition may still require investigation. The Permittees will ensure that the sampling locations and depths proposed in the approved work plans for the SWMUs/AOCs identified are not affected by the demolition activities.

ENCLOSURE 1

Demolition Notification for Fiscal Year 2024 and Quarter Ending December 31, 2023 and List of Buildings and Attachment of Hazardous Materials Descriptions

Date: August 30, 2023

U.S. Department of Energy,
National Nuclear Security Administration Los Alamos Field Office, and
Triad National Security, LLC



Demolition Notification Quarter Ending December 30, 2023 and Fiscal Year 2024

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

JESSICA
MOSELEY (Affiliate)

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MOSELEY (Affiliate)
Date: 2023.08.23 14:50:40
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Jessica L. Moseley
Acting Division Leader
Environmental Protection and Compliance Division
Triad National Security, LLC
Los Alamos National Laboratory

Date Signed

Robert A.
Gallegos

Digitally signed by Robert A. Gallegos
Date: 2023.08.29 12:43:49 -06'00'

Robert A. Gallegos
Permitting and Compliance Program Manager
National Nuclear Security Administration
Los Alamos Field Office
U.S. Department of Energy

Date Signed

**Demolition Notification Fiscal Year 2024 and Quarter Ending December 31, 2023, and
List of Buildings and Attachment of Hazardous Materials Descriptions**

FY and Quarter Ending: 2024 and December 31, 2023						
Technical Area-Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) within 50 ft of Footprint (1.17.1(4))	Category/Hazardous Material that May Be Present (1.17.1(5))	FY/Quarter Ending Demolition Expected to Begin (1.17.1(6))	Buildings or Fixed Structures Identified in Previous Fiscal Year that Were Not Demolished (1.17.1(7))
03-0016 ¹	Ion Beam	1953-1999	03-050(g) 03-001(k) 03-001(u) C-03-010 03-054(d) 03-018 03-054(a) 03-003(l) 03-055(a) 03-026(d) 03-019 03-056(g) 03-047(j) C-03-021	ACM, RAD	December 31, 2023	
08-0032	Magazine	1951-2009	C-08-016	ACM	September 30, 2023	This building was identified as to be demolished in FY 2024; it was not demolished
11-0024	Shop/Assembly Building	1957-2009	11-001(b) 11-010(b) 11-011(d)	ACM	September 30, 2023	This building was identified as to be demolished in FY 2024; it was not demolished

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**Demolition Notification Fiscal Year 2024 and Quarter Ending December 31, 2023, and
List of Buildings and Attachment of Hazardous Materials Descriptions**

Technical Area-Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) within 50 ft of Footprint (1.17.1(4))	Category/Hazardous Material that May Be Present (1.17.1(5))	FY/Quarter Ending Demolition Expected to Begin (1.17.1(6))	Buildings or Fixed Structures Identified in Previous Fiscal Year that Were Not Demolished (1.17.1(7))
11-0036	HE Magazine	1966-2009	11-010(a)	ACM, HE	September 30, 2023	This building was identified as to be demolished in FY 2024; it was not demolished
14-0005	Bunker	1944-1994	14-002(c) 14-002(e) 14-002(d)	ACM, HE	December 31, 2023	Initially planned to demolish in FY24, Historians have decided this building will not be demolished and will be retained. It has been removed from the demolition plan.
15-0009	Communications/Control Centers	1948-1992	15-004(g) 15-001	ACM, HE	December 31, 2023	
15-0027	Control Building	1947-1992	15-009(e)	ACM, HE	December 31, 2023	
15-0041	Storage Building	1952-2009	15-005(c)	ACM, HE	December 31, 2023	
15-0044	Control Building	1952-2000	15-006(c) 15-009(c)	ACM, HE	December 31, 2023	
15-0045	Control Building	1952-2009	15-008(g) 15-009(b) 15-014(f)	ACM, HE	December 31, 2023	
15-0202	Cooling Tower	1993-2015	None	ACM, HE	December 31, 2023	
15-0233	Carpenter Shop	1963-2010	C-15-001 15-009(i)	ACM, HE, Be	December 31, 2023	

**Demolition Notification Fiscal Year 2024 and Quarter Ending December 31, 2023, and
List of Buildings and Attachment of Hazardous Materials Descriptions**

Technical Area-Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMU)/ Areas of Concern (AOC) within 50 ft of Footprint (1.17.1(4))	Category/Hazardous Material that May Be Present (1.17.1(5))	FY/Quarter Ending Demolition Expected to Begin (1.17.1(6))	Buildings or Fixed Structures Identified in Previous Fiscal Year that Were Not Demolished (1.17.1(7))
15-0263	Laboratory Building	1971-2008	15-014(f)	ACM, HE	December 31, 2023	
16-0380	HE Powder Inspection	1952-2017	16-030(g) 16-006(d) 16-003(m)	ACM, HE	September 30, 2023	This building was identified as to be demolished in FY 2023 and FY 2024; it was not demolished
36-0019	Instrument Chamber	1951-2011	None	ACM, HE	December 31, 2023	

ACM = Asbestos Containing Material
 HE = High Explosives
 PACM = Presumes Asbestos Containing Material
 VOC = Volatile Organic Carbon
 RAD = Radioactive
 SVOC = Semi-Volatile Organic Carbon
 TPH = Total Petroleum Hydrocarbon
 RCRA = Resource Conservation and Recovery Act
 Be = Beryllium
 PCB = Polychlorinated Biphenyls

Structure reported, but not demolished

ENCLOSURE 2

Demolition Notification for Fiscal Year 2024 and Quarter Ending December 31, 2023, List of Buildings and Attachment of Hazardous Materials Descriptions

Date: August 16, 2023

U.S. Department of Energy,
Environmental Management Los Alamos Field Office and
Newport News Nuclear BWXT-Los Alamos, LLC

CERTIFICATION

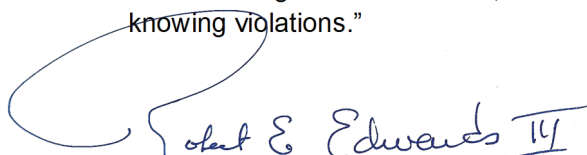
NEWPORT NEWS NUCLEAR BWXT-LOS ALAMOS, LLC

**Demolition Notification for Fiscal Year 2024 and Quarter Ending December 31, 2023,
List of Buildings and Attachment of Hazardous Materials Descriptions**

C E R T I F I C A T I O N S T A T E M E N T O F A U T H O R I Z A T I O N

In accordance with the New Mexico Administrative Code Title 20, Chapter 4, Part 1 (incorporating the Code of Federal Regulations, Title 40 CFR § 270.11):

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”



8/8/23

Robert Edwards III, Acting Program Manager
Environment, Safety, Health and Quality
Newport News Nuclear BWXT-Los Alamos, LLC

Date



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HARCEK
Date: 2023.08.15 10:56:03
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Brian Harcek, Acting Co-Director
Office of Quality and Regulatory Compliance
U.S. Department of Energy
Environmental Management
Los Alamos Field Office

Date

**Demolition Notification Fiscal Year 2024 and Quarter Ending December 31, 2023,
List of Buildings and Attachment of Hazardous Materials Descriptions**

Technical Area (TA) and Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMUs)/Areas of Concern (AOCs) w/in 50 ft of Footprint (1.17.1(4))	Category/Hazardous Material That May Be Present (1.17.1(5))	Date/Quarter Demolition Expected to Begin (1.17.1(6))	Buildings or Fixed Structures Identified in Previous Fiscal Year That Were Not Demolished (1.17.1(7))
TA-21 various misc. structures such as, sumps, utility vaults and cabinets, slabs, etc.	Miscellaneous structures associated with operational facilities at TA-21. TA-21 is currently part of N3B's operational area and is used for waste storage, office space and remedial operations. Historically TA-21 was used for plutonium processing, tritium research, and waste disposal.	1945–2011	AOC 21-002(b), AOC 21-004(a), SWMU 21-010(a), SWMU 21-010(b), SWMU 21-010(g), SWMU 21-010(h), SWMU 21-011(b), SWMU 21-021, SWMU 21-022(b), SWMU 21-022(c), SWMU 21-022(e), SWMU 21-022(g), SWMU 21-022(h), SWMU 21-022(n), SWMU 21-024(d), SWMU 21-024(e), SWMU 21-024(l), SWMU 21-024(n), SWMU 21-027(c), SWMU 21-028(e), AOC C-21-006, AOC C-21-013, AOC C-21-014, AOC C-21-015, AOC C-21-025, AOC C-21-034, AOC C-21-035, AOC C-2-036, AOC C-21-037	Metals, SVOCs, PCBs, isotopic plutonium, gamma-emitting radionuclides	October 2023/ FY24 Q1	
TA-3/drainlines associated with building 03-40 (SWMU 03-033, Twomile Canyon Aggregate Area)	While building 03-40 will not be removed, the remaining containment structures and accessible buried drainline located next to the northwest corner of building 03-40 will be removed and the remaining drainlines entering the facility will be plugged. This building previously served as a circuit board shop and is now used as office space.	1970s– January 1991	SWMU 03-033, AOC 03-014(z), SWMU 03-050(f)	Metals, cyanide, nitrate, perchlorate, VOCs, and SVOCs	November 2023/ FY 2024 Q1	The demolition of these structures was delayed and is now expected to occur during FY 2024 Q1

**Demolition Notification Fiscal Year 2024 and Quarter Ending December 31, 2023,
List of Buildings and Attachment of Hazardous Materials Descriptions**

Technical Area (TA) and Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMUs)/Areas of Concern (AOCs) w/in 50 ft of Footprint (1.17.1(4))	Category/Hazardous Material That May Be Present (1.17.1(5))	Date/Quarter Demolition Expected to Begin (1.17.1(6))	Buildings or Fixed Structures Identified in Previous Fiscal Year That Were Not Demolished (1.17.1(7))
TA-3/drainline associated with former structure 03-1502 [AOC 03-038(f), Twomile Canyon Aggregate Area]	The abandoned section of the former industrial/acid waste line that served former structure 03-1502 will be located, uncovered, removed, and disposed of. Any portion of the waste line that cannot be removed will be filled with grout.	Unknown start date–1986	AOC 03-038(f), AOC 03-038(e)	Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, isotopic uranium, tritium, gamma-emitting radionuclides, and PCBs	November 2023/ FY 2024 Q1	The demolition of these structures was delayed and is now expected to occur during FY 2024 Q1
TA-22/manhole and filter basket of seepage pit [SWMU 22-014(a), Twomile Canyon Aggregate Area] south of building 22-93	Sump receives rinse water from parts and clothing washing facility where explosives compacting operations were conducted in building 22-93.	1985–1995	SWMU 22-014(a), SWMU 22-010(b), SWMU 22-015(a), AOC 22-003(f)	Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, HE, and PCBs	March 15, 2023/ FY 2023 Q2	Demolition of these structures was limited to aboveground infrastructure
TA-22/sump associated with building 22-25 [SWMU 22-015(b), Twomile Canyon Aggregate Area]	The inactive sump received waste from building 22-25, which was used for the recrystallization of PETN.	1949–1960s	SWMU 22-015(b)	Metals, cyanide, nitrate, perchlorate, VOCs, SVOCs, HE, and PCBs	February 15, 2023/ FY 2023 Q2	Due to structural integrity concerns for active facility TA-22-34, these structures will not be removed. The sump will be filled with concrete and abandoned in place.

ACM = Asbestos-containing material
HE = High explosives
PACM = Presumed asbestos-containing material
VOC = Volatile organic compound
SVOC = Semivolatile organic compound
TPH = Total petroleum hydrocarbon
RCRA = Resource Conservation and Recovery Act
PCB = Polychlorinated biphenyls
PETN = Pentaerythritol tetranitrate