

# LA-UR-23-21734

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**Title:** IDEA ID No. 856 - Los Alamos National Laboratory, Permit #2195,  
Exemption Notice for Fifty-Seven Small Fuel-Burning Units

**Author(s):** Carretti, Vincent Anthony

**Intended for:** Environmental Regulatory Document  
**Issued:** 2023-03-09 (rev.1)



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Los Alamos National Laboratory  
PO Box 1663, K491  
Los Alamos, NM 87545  
505-667-4218

**Environmental Protection & Compliance Division  
Compliance Programs Group**

**Symbol:** EPC-DO: 23-064  
**LA-UR:** 23-21734  
**Locates Action No.:** N/A  
**Date:** Mar 09 2023

James Nellessen, PhD  
Permitting Section  
New Mexico Environment Department, Air Quality Bureau  
525 Camino de los Marquez, Suite 1  
Santa Fe, NM 87505-1816

**Subject: IDEA ID No. 856 – Los Alamos National Laboratory, Permit #2195, Exemption  
Notice for Fifty-Seven Small Fuel-Burning Units**

Dear Mr. Nellessen:

In accordance with the requirements of 20.2.72 NMAC Section 219 A.1.e for administrative permit revisions, Los Alamos National Laboratory (LANL) is providing notification to incorporate fifty-seven (57) exempt sources as defined in Section 202.B.1.a.

The applicable exemption is Section 202.B.1(a) which states:

*Fuel burning equipment which is used solely for heating buildings for personal comfort or for producing hot water for personal use and which:*

*(a) Uses gaseous fuel and has a design rate less than or equal to five (5) million BTU per hour.*

We request these exempt units be placed on the Air Quality Permit #2195 as an administrative revision (2195 R-92). If you have any questions, please feel free to contact Marjorie Stockton (Triad) at (505) 695-4508.

These small boilers and heaters will be included in our small boiler pool, and emissions from these units will be included in our emissions reporting for small boilers, and subject to emission limits in Table 802.A of our Title V Operating Permit P100-R2M4.

The exempt units are listed in the following table. The listed units all use pipeline quality natural gas as fuel and have a design rate of less than five (5) million BTU per hour.

New Exempt Fuel Burning Units at Los Alamos National Laboratory

Description	Make	Model No.	Capacity (MMbtu/hr)	Serial No.	Location	Replacement
Gas-Fired Boiler	Aerco Benchmark	BMK 5000	5	G-21-1211	TA-48-0045	Yes
Gas-Fired Boiler	Aerco Benchmark	BMK 5000	5	G-21-1212	TA-48-0045	Yes
Gas-Fired Heater	Modine	HD30AS011 1FBAN	0.03	30010017090 3219256	TA-48-0001	Yes
Gas-Fired Heater	Modine	HD30AS011 1FBAN	0.03	30010017090 3219257	TA-48-0001	Yes
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2204INRA22 5890 0001	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2204INRA22 5890 0002	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2204INRA22 5890 0003	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2204INRA22 5890 0004	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2204INRA22 5890 0005	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0001	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0002	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0003	TA-03-0038	No

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Description	Make	Model No.	Capacity (MMbtu/h r)	Serial No.	Location	Replacement
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0004	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0005	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0006	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0007	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0008	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0009	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0010	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0011	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0012	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0013	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0014	TA-03-0038	No

Description	Make	Model No.	Capacity (MMbtu/hr)	Serial No.	Location	Replacement
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0015	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0016	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH2 24796 0017	TA-03-0038	No
Gas-Fired Boiler	Parker	T490LR	0.49	64872	TA-53-0006	Yes
Gas-Fired Heater	Space-Ray	PTS/U175/1 10-N7A2	0.175	14181G9	TA-15-0699	No
Gas-Fired HVAC	Trane	YHH150G4 R	0.35	223310686D	TA-08-0022	No
Gas-Fired HVAC	Trane	YZC120F3R HA	0.1417	223711468L	TA-16-0054	Yes
Gas-Fired HVAC	Trane	YZC072F3R HA	0.0859	223110911L	TA-16-0054	Yes
Gas-Fired Heater	Reznor	XL-75	0.075	BUB306201 6120	TA-46-0077	Yes
Gas-Fired Heater	Reznor	XL-75	0.075	BUB306201 6121	TA-46-0077	Yes
Gas-Fired Water Heater	Lochinvar	GTN040-40B	0.04	21451268874 59	TA-03-0514	Yes
Gas-Fired HVAC	Trane	YZC048F4R MA	0.08	224413023L	TA-16-0969	Yes
Gas-Fired HVAC	Trane	YZC048F4R MA	0.08	224413024L	TA-16-0969	Yes
Gas-Fired HVAC	Trane	YZC048F4R MA	0.08	224413025L	TA-16-0969	Yes
Gas-Fired HVAC	Trane	YZC048F4R MA	0.08	224413026L	TA-16-0969	Yes
Gas-Fired HVAC	Trane	YZC048F4R MA	0.08	224413027L	TA-16-0969	Yes
Gas-Fired Boiler	Aerco Benchmark	BMK 2000 GWBF9	2	G-22-1763	TA-35-0086	Yes

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Description	Make	Model No.	Capacity (MMbtu/hr)	Serial No.	Location	Replacement
Gas-Fired Boiler	Aerco Benchmark	MLX450	0.45	21H-00005	TA-35-0068	Yes
Gas-Fired HVAC	Trane	YSC060G3R HB	0.15	213813068L	TA-03-0142	No
Gas-Fired Water Heater	Lochinvar	GTN05040 WR	0.04	22101286341 06	TA-60-0002	Yes
Gas-Fired HVAC	Trane	YZH150F4R VE	0.35	223210982D	TA-03-2002	Yes
Gas-Fired HVAC	Trane	YSC060G4R HB	0.15	230213337L	TA-35-0002	Yes
Gas-Fired Heater	Reznor	UDX-75	0.075	BVE3062071 357	TA-35-0034	Yes
Gas-Fired Heater	Reznor	UDX-75	0.075	BVE3062071 350	TA-35-0034	Yes
Gas-Fired Heater	Reznor	UBX-225	0.225	BVL3062146 791	TA-46-0075	Yes
Gas-Fired Heater	Reznor	UDX-200	0.2	BVH306212 2230	TA-53-0022	Yes
Gas-Fired Heater	Reznor	UDX-225	0.225	BVD306205 1433	TA-46-0208	Yes
Gas-Fired Heater	Reznor	UDX-225	0.225	BVD306205 1427	TA-46-0208	Yes
Gas-Fired Furnace	Rheem	R801CB075 317ZSA	0.075	W522113569	TA-46-0179	Yes
Gas-Fired Furnace	Rheem	R801CB075 317ZSA	0.075	W182276781	TA-53-0408	Yes
Gas-Fired Heater	Reznor	UDX100	0.1	BVB306202 6035	TA-03-0322	Yes
Gas-Fired Heater	Reznor	UDX100	0.1	BVB306202 6028	TA-03-0322	Yes
Gas-Fired HVAC	Trane	GBC060A4E MB	0.115	22434503PA	TA-40-0090	Yes
Gas-Fired Water Heater	Rheem	RTGH-RH11DVLN	0.199	1021KC0004 45	TA-50-0001	Yes

In accordance with Section 203.A.12, I hereby certify on behalf of LANL that the information submitted in this notification is as complete, true, and accurate as possible, to the best of my personal knowledge.

Mar 09 2023

Sincerely,



Steven L. Story  
Group Leader

Attachment(s): Attachment 1 Air Quality Administrative Revision for Fifty-Seven Small Fuel-Burning Units

Copy: Karen E. Armijo, NA-LA, [karen.armijo@nnsa.doe.gov](mailto:karen.armijo@nnsa.doe.gov)  
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**ATTACHMENT 1**  
**Air Quality Administrative Revision for Fifty-  
Seven Small Fuel-Burning Units**

EPC-DO: 23-064

LA-UR-23-21734

Date: Mar 09 2023

## Permitting Administrative Multi-Form

Use for NSR administrative permit revisions (including GCPs), TV administrative amendments, TV responsible official notifications, and other submittals required by a permit condition. Refer to Section 4 for instructions, acronyms, and mailing addresses.

Mail Application To: New Mexico Environment Department Air Quality Bureau 525 Camino de los Marquez, Suite 1 Santa Fe, New Mexico, 87505  Phone (505) 476-4300 Fax (505) 476-4375 <a href="http://www.env.nm.gov/aqb">www.env.nm.gov/aqb</a>		For Department use only – Received Date:  <div style="border: 1px solid black; padding: 2px;"> <input type="checkbox"/> Approved    <input type="checkbox"/> Completed    <input type="checkbox"/> Denied         </div> Permit revision number:  Reviewed by & date:
--	---	---

### Section 1: General Information – Required for All Submittals

1	Facility Name: Los Alamos National Laboratory								
2	Preparer/Consultant Name: Vincent A. Carretti	Title: Environmental Professional – Air Quality							
3	Email: vcarretti@lanl.gov	Phone: (505) 665-1658							
4	Address: P.O. Box 1663, MS J978, Los Alamos, NM 87545								
5	Air Permit Contact: Marjorie B. Stockton	Title: Meteorology & Air Quality Team Leader							
6	Email: mstockton@lanl.gov	Phone: (505) 695-4508							
7	Address: P.O. Box 1663, MS J978, Los Alamos, NM 87545								
8	Check all boxes below for which this submittal applies:	AI #: 856	Permit #: 2195						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; border: 1px solid black; padding: 2px;"> <input checked="" type="checkbox"/> NSR Construction Permit (20.2.72 NMAC)         </td> <td style="width: 33%; border: 1px solid black; padding: 2px;"> <input type="checkbox"/> NOI (20.2.73 NMAC) (Sections 2-B, 2-D)         </td> <td style="width: 33%; border: 1px solid black; padding: 2px;"> <input type="checkbox"/> PSD Permit (20.2.74 NMAC)         </td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;"> <input type="checkbox"/> TV Operating Permit (20.2.70 NMAC)         </td> <td style="border: 1px solid black; padding: 2px;"> <input checked="" type="checkbox"/> Notice of Exemption (20.2.72.202.B NMAC) (Section 2-F)         </td> <td style="border: 1px solid black; padding: 2px;"> <input type="checkbox"/> Nonattainment Permit (20.2.79 NMAC)         </td> </tr> </table>				<input checked="" type="checkbox"/> NSR Construction Permit (20.2.72 NMAC)	<input type="checkbox"/> NOI (20.2.73 NMAC) (Sections 2-B, 2-D)	<input type="checkbox"/> PSD Permit (20.2.74 NMAC)	<input type="checkbox"/> TV Operating Permit (20.2.70 NMAC)	<input checked="" type="checkbox"/> Notice of Exemption (20.2.72.202.B NMAC) (Section 2-F)	<input type="checkbox"/> Nonattainment Permit (20.2.79 NMAC)
<input checked="" type="checkbox"/> NSR Construction Permit (20.2.72 NMAC)	<input type="checkbox"/> NOI (20.2.73 NMAC) (Sections 2-B, 2-D)	<input type="checkbox"/> PSD Permit (20.2.74 NMAC)							
<input type="checkbox"/> TV Operating Permit (20.2.70 NMAC)	<input checked="" type="checkbox"/> Notice of Exemption (20.2.72.202.B NMAC) (Section 2-F)	<input type="checkbox"/> Nonattainment Permit (20.2.79 NMAC)							

### Section 2: Details of Submittal

**Only print and submit the pages necessary for your submittal.** Print double sided head-to-toe, flip on short end (tablet). The Permit Section responds to all TV Administrative amendments and responds only to denials of NSR administrative revisions. Courier proof of delivery is required if you want confirmation that the Department received this submittal. Check the box(es) applicable to this submittal:

- |   |  |
|---|--|
| <input type="checkbox"/> <a href="#">2-A(i) &amp; 2-A(ii): Identical Engine or Turbine Replacements</a><br><input type="checkbox"/> <a href="#">2-B: Owner, Operator, and Name Changes to NOIs or Construction Permits</a><br><input type="checkbox"/> <a href="#">2-C: Ownership or Operational Control Changes for Title V Permits</a><br><input type="checkbox"/> <a href="#">2-D: Closing a Facility or Removing Units from a Permit or Canceling an NOI</a><br><input type="checkbox"/> <a href="#">2-E: Correct Typographical Error</a> | <input checked="" type="checkbox"/> <a href="#">2-F: Reporting Exempt Equipment for Minor Construction Permits or for No Permit Required (NPR) Facilities</a><br><input type="checkbox"/> <a href="#">2-G: Add Minor NSR Exempt Equipment to Construction Permits for PSD or Nonattainment Sources</a><br><input type="checkbox"/> <a href="#">2-H: Title V Responsible Official Designations</a><br><input type="checkbox"/> <a href="#">2-I: Submittals to the Permit Programs Manager</a> |
|---|--|

[Section 3: Certification – Required for All Changes](#)

## Section 4: Form Instructions

### ***Section 2-F: Reporting Exempt Equipment for Minor Construction Permits or for No Permit Required (NPR) Facilities***

Certain equipment can be added to minor construction permits as exempt equipment under 20.2.72.202.B NMAC as an administrative permit revision. (This exemption does not apply to facilities subject to 20.2.70 NMAC (TV), 20.2.74 NMAC (PSD), or 20.2.79 NMAC Nonattainment Sources. In those cases, use Section 2-G of this form.)

Construction permit Part 72 exemptions are not the same as operating permit TV insignificant activities (20.2.70.7.Q NMAC). If you have a TV permit and want to claim [Title V insignificant activities](#), they may be required to have authorization through a construction permit. Only the insignificant activities that meet the requirements of 20.2.72.202.B NMAC may be added using this form for an administrative permit revision.

The Potential to Emit (PTE) of regulated air contaminants from minor permit exempt equipment count toward the facility's total emissions under the PSD, nonattainment, and TV regulations therefore, the addition of equipment using this form could possibly result in the facility becoming PSD, Nonattainment, or TV major.

Check the box(es) to indicate if your facility has a permit or is a no permit required (NPR) facility, check the box(es) for the equipment being added, and complete the table(s), if applicable. Include attachments as required.

☒ Administrative Revision: This facility has a minor construction permit as designated in Section 1 of this application. This form is being submitted to add a piece(s) of equipment that qualifies as exempt under 20.2.72.202.B NMAC.

**or**

☐ Notice of Exemption: This facility does not require a 20.2.72 NMAC permit, so it is designated as a no permit required (NPR) facility. This exemption form is being submitted to record that this equipment qualifies as exempt under 20.2.72.202.B NMAC. (This exemption does not apply to (cannot be added to) NOI (20.2.73 NMAC), TV (20.2.70 NMAC), PSD (20.2.74 NMAC), or nonattainment (20.2.79 NMAC) facilities.)

AQB used to require either the Notice of Exemption Form or Exemption Application Form for these facilities. This form replaces both of those forms.

**Only fill out the information in this table if your facility is an NPR facility, we already have the information for permitted sites.**

Facility Name:	Plant primary SIC Code (4 digits):
	Plant NAICS code (6 digits):
Facility Street Address (If no facility street address, provide directions from a prominent landmark):	
Company Name:	Phone:
Company Mailing Address:	
Air Contact:	Title:
Email:	Phone:

The facility is: <input type="text"/> (distance) miles <input type="text"/> (direction) of <input type="text"/> (nearest New Mexico town or tribal community).	Zip Code:	County:
Status of land (check one): <input type="checkbox"/> Private <input type="checkbox"/> Indian/Pueblo <input type="checkbox"/> Federal BLM <input type="checkbox"/> Federal Forest Service <input type="checkbox"/> State Land <input type="checkbox"/> Bernalillo County		

## ***Section 2-F: Reporting Exempt Equipment for Minor Construction Permits or for No Permit Required (NPR) Facilities, continued***

### **Minor Construction Permit (Part 72) or NPR Exempt Equipment**

The equipment checked in this section meets the requirements of the exemption in 20.2.72.202 NMAC, will comply with all applicable federal requirements in 40 CFR Part 60 (NSPS) or 40 CFR Part 63 (MACT), and appropriate records will be created and retained for two (2) years (or five (5) years if a TV source):

#### **Standby Generators**

☐ Standby generators which are operated only during the unavoidable loss of commercial utility power and less than 500 hours per year. (20.2.72.202.B(3) NMAC). Potentially applicable federal regulations: 40 CFR 63 Subpart ZZZZ and 40 CFR 60 Subparts JJJJ or IIII. Emission rates from emergency standby generators should be calculated assuming operation throughout the year (i.e., 8760 hours per year) to verify that it does not make your facility PSD, Nonattainment, or TV major.

<b>Standby Generator Manufacturer</b>	<b>Serial Number</b>	<b>Date of Manufacture</b>	<b>Date of Installation<sup>1</sup></b>	<b>Capacity (hp)</b>
Name of commercial power provider <sup>2</sup> :				

<sup>1</sup> Date of installation is the date the engine is placed and secured at the location where it is intended to be operated.

<sup>2</sup> Commercial power is purchased from a utility company, which specifically does not include power generated on-site for the sole purpose of the user.

#### **Abrasive Blasting**

☐ Enclosed abrasive blasting operations; if no visible emissions from the building. (20.2.72.202.B(7) NMAC). Potentially applicable federal regulations: 40 CFR 63 Subpart XXXXXX - National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories. More information: [www.env.nm.gov/air-quality/ind-sector-info/](http://www.env.nm.gov/air-quality/ind-sector-info/).

#### **Surface Coating**

☐ Surface coating of equipment, including spray painting, roll coating, and painting with aerosol spray cans and all coating and clean-up solvent; if VOCs from paints and solvents do not exceed ten (10) pounds per hour and two (2) tons per year. (20.2.72.202.B(6) NMAC). Potentially applicable federal regulations (more information: [www.env.nm.gov/air-quality/ind-sector-info/](http://www.env.nm.gov/air-quality/ind-sector-info/)):

40 CFR 63 Subpart HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources or

40 CFR 63 Subpart XXXXXX - National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories.

#### **Volatile Organic Compound (VOC) Handling and or Storage**

☐ VOC emissions resulting from the handling or storing of any VOC emission source; if vapor pressure is less than two tenths (0.2) PSI at the storage and handling temperatures. (20.2.72.202.B(2) NMAC).

## Fuel Burning Equipment

☑ Fuel burning equipment used solely for heating buildings for personal comfort or producing hot water for personal use; if gaseous or liquid fuel and rated 5 MMBtu or less, or if distillate oil and 1 MMBtu or less. (20.2.72.202.B(1) NMAC).

See table below:

Description	Make	Model No.	Capacity (MMBtu/hr)	Serial No.	Location	Replacement
Gas-Fired Boiler	Aerco Benchmark	BMK 5000	5	G-21-1211	TA-48-0045	Yes
Gas-Fired Boiler	Aerco Benchmark	BMK 5000	5	G-21-1212	TA-48-0045	Yes
Gas-Fired Heater	Modine	HD30AS0111FBAN	0.03	30010017090321 9256	TA-48-0001	Yes
Gas-Fired Heater	Modine	HD30AS0111FBAN	0.03	30010017090321 9257	TA-48-0001	Yes
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2204INRA225890 0001	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2204INRA225890 0002	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2204INRA225890 0003	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2204INRA225890 0004	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2204INRA225890 0005	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0001	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0002	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0003	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0004	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0005	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0006	TA-03-0038	No

Description	Make	Model No.	Capacity (MMbtu/hr)	Serial No.	Location	Replacement
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0007	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0008	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0009	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0010	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0011	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0012	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0013	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0014	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0015	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0016	TA-03-0038	No
Gas-Fired Heater	Detroit Radiant Re-Verber Ray	DR60-NFS-2 120V	0.06	2203MECH22479 6 0017	TA-03-0038	No
Gas-Fired Boiler	Parker	T490LR	0.49	64872	TA-53-0006	Yes
Gas-Fired Heater	Space-Ray	PTS/U175/110-N7A2	0.175	14181G9	TA-15-0699	No
Gas-Fired HVAC	Trane	YHH150G4R	0.35	223310686D	TA-08-0022	No
Gas-Fired HVAC	Trane	YZC120F3RHA	0.1417	223711468L	TA-16-0054	Yes
Gas-Fired HVAC	Trane	YZC072F3RHA	0.0859	223110911L	TA-16-0054	Yes
Gas-Fired Heater	Reznor	XL-75	0.075	BUB3062016120	TA-46-0077	Yes
Gas-Fired Heater	Reznor	XL-75	0.075	BUB3062016121	TA-46-0077	Yes
Gas-Fired Water Heater	Lochinvar	GTN040-40B	0.04	2145126887459	TA-03-0514	Yes

<b>Description</b>	<b>Make</b>	<b>Model No.</b>	<b>Capacity (MMbtu/hr)</b>	<b>Serial No.</b>	<b>Location</b>	<b>Replacement</b>
Gas-Fired HVAC	Trane	YZC048F4RMA	0.08	224413023L	TA-16-0969	Yes
Gas-Fired HVAC	Trane	YZC048F4RMA	0.08	224413024L	TA-16-0969	Yes
Gas-Fired HVAC	Trane	YZC048F4RMA	0.08	224413025L	TA-16-0969	Yes
Gas-Fired HVAC	Trane	YZC048F4RMA	0.08	224413026L	TA-16-0969	Yes
Gas-Fired HVAC	Trane	YZC048F4RMA	0.08	224413027L	TA-16-0969	Yes
Gas-Fired Boiler	Aerco Benchmark	BMK 2000 GWBF9	2	G-22-1763	TA-35-0086	Yes
Gas-Fired Boiler	Aerco Benchmark	MLX450	0.45	21H-00005	TA-35-0068	Yes
Gas-Fired HVAC	Trane	YSC060G3RHB	0.15	213813068L	TA-03-0142	No
Gas-Fired Water Heater	Lochinvar	GTN05040WR	0.04	2210128634106	TA-60-0002	Yes
Gas-Fired HVAC	Trane	YZH150F4RVE	0.35	223210982D	TA-03-2002	Yes
Gas-Fired HVAC	Trane	YSC060G4RHB	0.15	230213337L	TA-35-0002	Yes
Gas-Fired Heater	Reznor	UDX-75	0.075	BVE3062071357	TA-35-0034	Yes
Gas-Fired Heater	Reznor	UDX-75	0.075	BVE3062071350	TA-35-0034	Yes
Gas-Fired Heater	Reznor	UBX-225	0.225	BVL3062146791	TA-46-0075	Yes
Gas-Fired Heater	Reznor	UDX-200	0.2	BVH3062122230	TA-53-0022	Yes
Gas-Fired Heater	Reznor	UDX-225	0.225	BVD3062051433	TA-46-0208	Yes
Gas-Fired Heater	Reznor	UDX-225	0.225	BVD3062051427	TA-46-0208	Yes
Gas-Fired Furnace	Rheem	R801CB075317ZSA	0.075	W522113569	TA-46-0179	Yes
Gas-Fired Furnace	Rheem	R801CB075317ZSA	0.075	W182276781	TA-53-0408	Yes
Gas-Fired Heater	Reznor	UDX100	0.1	BVB3062026035	TA-03-0322	Yes
Gas-Fired Heater	Reznor	UDX100	0.1	BVB3062026028	TA-03-0322	Yes
Gas-Fired HVAC	Trane	GBC060A4EMB	0.115	22434503PA	TA-40-0090	Yes
Gas-Fired Water Heater	Rheem	RTGH-RH11DVLN	0.199	1021KC000445	TA-50-0001	Yes



## Repositioning Sources at Plant

☐ Repositioning or relocating sources of air emissions or emissions points within the plant site, but only when such change in physical configuration does not increase air emissions or the ambient impacts. (20.2.72.B(4) NMAC). Attach an updated plot plan. Permittees must ensure that relocation of any emissions source within the plant site does **not** increase the ambient impact and will not result in an exceedance of any National Ambient Air Quality Standard (NAAQS), New Mexico Ambient Air Quality Standard (NMAAQs), or PSD Increment. If not sure, please contact the Modeling Section Manager (505-476-4300).

## Emissions Exempted Based on Quantity

☐ Any emissions unit, operation, or activity that has the potential emission rate no more than one-half (1/2) ton per year of any regulated new source review pollutant. Units, operations, or activities of similar function shall be combined when calculating the emission rate. (20.2.72.202.B(5) NMAC).

Unit Description	Serial Number	Capacity (size)	Regulated Pollutants Emitted <sup>3</sup>	PER <sup>4</sup> tpy

<sup>3</sup> Particulate Matter (PM, PM<sub>10</sub>, PM<sub>2.5</sub>); Sulfur Dioxide (SO<sub>2</sub>); Carbon Monoxide (CO); Nitrogen Dioxide (NO<sub>2</sub>); Hydrogen Sulfide (H<sub>2</sub>S); Lead (Pb); Total Reduced Sulfur; and Volatile Organic Compounds (VOC).

<sup>4</sup> Potential emission rate, as defined in 20.2.72 NMAC. The PER is the worst-case emission rate of the facility without controls or other limitations (unless the controls or limitations are enforceable) and as if the facility were operating continuously 8760 hours per year (24 hour/day, 365 days/year).

### Section 3: Certification – Required for All Submittals

Company Name: Triad National Security, LLC

I, Steven L. Story, hereby certify that the information and data submitted in this application are true and as accurate as possible, to the best of my knowledge and professional expertise and experience.

Signed this 9 day of March, 2023, upon my oath or affirmation, before a

notary of the State of New Mexico.

Stl Story

Signature<sup>1</sup>

3/9/2023

Date

Steven L. Story

Printed Name

Group Leader

Title

Scribed and sworn before me on this 9 day of March, 2023.

My authorization as a notary of the State of New Mexico expires on the

12 day of June, 2023.

Barbara J. Bushong

Notary's Signature

March 9, 2023

Date

Barbara J. Bushong

Notary's Printed Name

<sup>1</sup> For Title V applications, the signature must be of the Responsible Official as defined in 20.2.70.7.AE NMAC:

