

APPENDIX A. LLCHD CONSTRUCTION PERMIT APPLICATION FORMS

Application Forms

Process Flow Diagram

Princeton Road Station Plot Plan – As of 12/17/2025 (Subject to Change)



Air Quality Construction Permit Application Form
 Lincoln-Lancaster County Health Department
 Environmental Public Health Division - Air Quality Program
 Lincoln, NE 68510
 ph: (402) 441-8040 fax: (402) 441-3890
<http://www.lincoln.ne.gov/city/health/enviro/air.htm>

Purpose of Application: Initial Construction Permit Construction Permit Modification
 Establish Facility-Wide Limits Revise Previously Submitted Application

SECTION 1: ADMINISTRATIVE INFORMATION AND RESPONSIBLE OFFICIAL CERTIFICATION

Part A: Company Information

Company Name:	Nebraska Public Power District				
Company Address:	1414 15th St				
Company City:	Columbus	Company State:	Nebraska	Company ZIP:	68602
Is the business incorporated?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

Part B: General Facility Information

Facility Name:	Princeton Road Station				
LLCHD Facility ID #:	31-109-00005				
Facility Physical Address:	North of Sheldon Power Station at 4500 W Pella Rd				
Facility City:	Hallam	Facility State:	Nebraska	Facility ZIP:	68368
Facility NAICS Code(s):	221112	Fossil Fuel Electric Power Generation			
	221122	Electric Power Distribution			
Is the facility located within 50 miles of another state?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If so, which state(s)?	<input type="checkbox"/> Iowa <input checked="" type="checkbox"/> Kansas <input type="checkbox"/> Missouri		
Is the facility located on leased property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

SECTION 1: ADMINISTRATIVE INFORMATION AND RESPONSIBLE OFFICIAL CERTIFICATION

Part C: Contact Information			
Facility Contact Person:	Tim Rogers		
Facility Contact Person Title or Responsibility:	Corporate Environmental Manager		
Phone Number:	402-563-5355	E-Mail:	tfroger@nppd.com
Alternate Phone Number: <i>(optional)</i>		Fax Number: <i>(optional)</i>	
Who is the primary contact for questions regarding this application?	<input checked="" type="checkbox"/> Facility Contact Person <input type="checkbox"/> Other		
Part D: Permit Information			
Does this facility currently hold an operating permit issued by the LLCHD?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If so, what type of operating permit does the facility hold?	<input checked="" type="checkbox"/> Class I (Title V) - Major Source <input type="checkbox"/> Class II - Synthetic Minor Source	<input type="checkbox"/> Class II - Minor Source	
What is the expiration date of the operating permit you currently hold?	9/1/2022		
Does this facility currently hold one or more construction permits issued by the LLCHD?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If so, list the numbers for all currently effective construction permits. Do not include superceded permits.	136A		
	158A		
If you know what type of permit you are applying for, check the appropriate box:	<input checked="" type="checkbox"/> PSD Construction Permit <input type="checkbox"/> Non-PSD (Minor NSR) Permit	<input type="checkbox"/> PSD Avoidance Permit <input type="checkbox"/> I do not know permit type.	

SECTION 1: ADMINISTRATIVE INFORMATION AND RESPONSIBLE OFFICIAL CERTIFICATION

Part E: Responsible Official Certification

<p>Compliance Certification</p> <p><input checked="" type="checkbox"/> Agree</p> <p><input type="checkbox"/> Disagree</p>	<p>I hereby certify that, based on information and belief formed after reasonable inquiry, the facility that emits air pollutants, which is identified in this application and that is subject to the applicable requirements identified in Section 9:</p> <p>1. Is in compliance with all applicable requirements, except as described in Section 9;</p> <p>2. Will continue to comply with all applicable requirements for which compliance has been achieved; and,</p> <p>3. Will comply with all applicable requirements for which compliance is not currently achieved</p>
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<p>Truth and Accuracy Certification</p> <p><input checked="" type="checkbox"/> Agree</p> <p><input type="checkbox"/> Disagree</p>	<p>I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this Air Quality Construction Permit application are true, complete, and accurate. I certify that all hard copies of this application are identical in content.</p>
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<p>Electronic Copy Certification</p> <p><input checked="" type="checkbox"/> Agree</p> <p><input type="checkbox"/> Disagree</p> <p><input type="checkbox"/> Not Applicable</p>	<p>I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in the electronic copy of the Air Quality Construction Permit application are identical in content to the hard copy submittal.</p>
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<p>Citizenship Attestation</p> <p><input checked="" type="checkbox"/> Agree</p> <p><input type="checkbox"/> Disagree</p>	<p>For the purpose of complying with Neb. Rev. Stat. §§4-108 through 4-114, I attest as follows (<u>check one</u>):</p> <p><input checked="" type="checkbox"/> I am a citizen of the United States.</p> <p>OR</p> <p><input type="checkbox"/> I am a qualified alien under the federal Immigration and Nationality Act, and will provide my immigration status, alien number, and USCIS documentation upon request.</p> <p>I hereby attest that my responses and the information provided on this form and any related application for public benefits are true, complete, and accurate, and I understand that this information may be used to verify my lawful presence in the United States.</p>
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<p>Responsible Official Name: (printed or typed)</p>	<p>Arthur Wiese</p>
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<p>Responsible Official Title:</p>	<p>Vice President of Energy Production</p>
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<p>Responsible Official Signature:</p>	
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<p>Date:</p>	<p>May 22, 2025</p>	<p>Ver. 01/2025</p>
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SECTION 2: DETAILED SOURCE INFORMATION

Part A: Operating Schedule

Is this source operated seasonally, or year-round?	<input type="checkbox"/> Seasonal	<input checked="" type="checkbox"/> Year-Round				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provide the normal operating schedule:	Hours per Day:		24			
	Days per Week:		7			
	Weeks per Year:		52			
Does the source operate under an alternative schedule on a regular basis?	<input type="checkbox"/> Yes					
	<input checked="" type="checkbox"/> No					

Part B: New Process Description

On separate sheet(s) of paper, provide a detailed narrative description of the process or equipment you are planning to construct/reconstruct/modify. Explain the stages in each process that may result in the discharge of an air pollutant. Include all emission points, emission units, pollution control equipment, and identification numbers. The narrative should complement the facility layout and process flow diagrams.

Is a New Process Description attached to your application?	<input checked="" type="checkbox"/> Yes	
	<input type="checkbox"/> No	

Part C: Process Layout Diagram

On a separate sheet(s) of paper, provide a detailed diagram or drawing that includes all processes and/or equipment identified in this application. Make sure all elements in the drawing are properly identified, drawn to scale, and consistent with other sections of this application. The diagram should show the location of all new/modified buildings, structures, stacks, and property boundaries. Fences or other public access restrictions should be shown or identified and described. Be sure to identify adjacent roads and include a north arrow. Include an effective date for the diagram.

Is a Process Layout Diagram included with your application?	<input checked="" type="checkbox"/> Yes	
	<input type="checkbox"/> No	

Part D: Facility Description

On separate sheet(s) of paper, provide a brief narrative description of the facility. Explain the stages in each process that may result in the discharge of an air pollutant. Include all emission points, emission units, pollution control equipment, and identification numbers. The narrative should complement the facility layout and process flow diagrams.

Is a Facility Description included with your application?	<input checked="" type="checkbox"/> Yes	
	<input type="checkbox"/> No	



SECTION 2: DETAILED SOURCE INFORMATION

Part E: Emission Calculations

Indicate which method(s) will be used to calculate emissions: (check all that apply)

<input checked="" type="checkbox"/> AP-42 or WebFIRE Emission Factors	
<input checked="" type="checkbox"/> Emission Factors from Stack Testing *	
<input checked="" type="checkbox"/> Material Mass-Balance Calculations *	
<input checked="" type="checkbox"/> Other (specify >>>>) *	Vendor Data
<input type="checkbox"/> Other (specify >>>>) *	
<input type="checkbox"/> Other (specify >>>>) *	

If using emission factors or calculation methods other than those provided in AP-42 or WebFIRE, attach a copy of any alternate emission factors (including stack test results) and/or emission calculations as an attachment to this application.

Indicate how material and/or fuel use will be substantiated:

<input checked="" type="checkbox"/> Material / Fuel Supplier Record(s)	
<input type="checkbox"/> Material / Fuel Use Logbook(s)	
<input type="checkbox"/> Receiving / Load-Out Scale Tickets	
<input type="checkbox"/> Other (specify >>>>)	
<input type="checkbox"/> Other (specify >>>>)	
<input type="checkbox"/> Other (specify >>>>)	



SECTION 3 – EMISSION UNIT SUMMARY

Table 3-A: New/Modified/Reconstructed Emission Unit Identification

Point #	Emission Unit #		Source Classification Code # (SCC)	Emission Point Description	Emission Segment Description
	Segment #				
RICE1	RICE1NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE2	RICE2NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE3	RICE3NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE4	RICE4NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE5	RICE5NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE6	RICE6NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE7	RICE7NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE8	RICE8NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE9	RICE9NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE10	RICE10NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE11	RICE11NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE12	RICE12NG		2-01-002-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	Natural Gas
RICE1	RICE1FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE2	RICE2FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE3	RICE3FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE4	RICE4FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE5	RICE5FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE6	RICE6FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE7	RICE7FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE8	RICE8FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE9	RICE9FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE10	RICE10FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE11	RICE11FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil
RICE12	RICE12FO		2-01-001-02	18 MW Wartsila 50DF Reciprocating Internal Combustion Engine	#2 Fuel Oil



SECTION 3 – EMISSION UNIT SUMMARY

Table 3-A: New/Modified/Reconstructed Emission Unit Identification

Point #	Emission Unit #		Source Classification Code # (SCC)	Emission Point Description	Emission Segment Description
	Segment #				
SCT1	CT1NG		2-01-002-01	260 MW Siemens SGT6-5000F Combustion Turbine	Simple Cycle - Natural Gas
SCT2	CT2NG		2-01-002-01	260 MW Siemens SGT6-5000F Combustion Turbine	Simple Cycle - Natural Gas
SCT3	CT3NG		2-01-002-01	260 MW Siemens SGT6-5000F Combustion Turbine	Simple Cycle - Natural Gas
SCT4	CT4NG		2-01-002-01	260 MW Siemens SGT6-5000F Combustion Turbine	Simple Cycle - Natural Gas
SCT1	CT1FO		2-01-001-01	260 MW Siemens SGT6-5000F Combustion Turbine	Simple Cycle - #2 Fuel Oil
SCT2	CT2FO		2-01-001-01	260 MW Siemens SGT6-5000F Combustion Turbine	Simple Cycle - #2 Fuel Oil
SCT3	CT3FO		2-01-001-01	260 MW Siemens SGT6-5000F Combustion Turbine	Simple Cycle - #2 Fuel Oil
SCT4	CT4FO		2-01-001-01	260 MW Siemens SGT6-5000F Combustion Turbine	Simple Cycle - #2 Fuel Oil
CCCT1	CT1NG		2-01-002-01	260 MW Siemens SGT6-5000F Combustion Turbine	Combined Cycle - Natural Gas
CCCT2	CT2NG		2-01-002-01	260 MW Siemens SGT6-5000F Combustion Turbine	Combined Cycle - Natural Gas
CCCT3	CT3NG		2-01-002-01	260 MW Siemens SGT6-5000F Combustion Turbine	Combined Cycle - Natural Gas
CCCT1	CT1FO		2-01-001-01	260 MW Siemens SGT6-5000F Combustion Turbine	Combined Cycle - Fuel Oil
CCCT2	CT2FO		2-01-001-01	260 MW Siemens SGT6-5000F Combustion Turbine	Combined Cycle - Fuel Oil
CCCT3	CT3FO		2-01-001-01	260 MW Siemens SGT6-5000F Combustion Turbine	Combined Cycle - Fuel Oil
AUXBOIL	AUXBOIL		1-03-006-02	99.8 MMBtu/hr Auxiliary Boiler	Natural Gas
RICEHT1	RICEHT1		3-13-900-03	4.6 MMBtu/hr Dew Point Heater	Natural Gas
RICEHT2	RICEHT2		3-13-900-03	4.6 MMBtu/hr Dew Point Heater	Natural Gas
CTHT1	CTHT1		3-13-900-03	4.6 MMBtu/hr Dew Point Heater	Natural Gas
CTHT2	CTHT2		3-13-900-03	4.6 MMBtu/hr Dew Point Heater	Natural Gas
CTHT3	CTHT3		3-13-900-03	3.8 MMBtu/hr Dew Point Heater	Natural Gas
CTHT4	CTHT4		3-13-900-03	3.8 MMBtu/hr Dew Point Heater	Natural Gas
PPBH	PPBH		3-13-900-03	Power Block Building Space Heaters	Natural Gas
WTBH	WTBH		3-13-900-03	Water Treatment Building Space Heaters	Natural Gas
UBH	UBH		3-13-900-03	Urea Building Space Heaters	Natural Gas
MBH	MBH		3-13-900-03	Multipurpose Building Space Heaters	Natural Gas
NEWEMER1	NEWEMER1		2-01-001-02	1183 hp Diesel-Fired Emergency Generator	Diesel
NEWEMER2	NEWEMER2		2-01-001-02	1183 hp Diesel-Fired Emergency Generator	Diesel
NEWEMER3	NEWEMER3		2-01-001-02	3374 hp Diesel-Fired Emergency Generator	Diesel
NEWEMER4	NEWEMER4		2-01-001-02	3374 hp Diesel-Fired Emergency Generator	Diesel
NEWFIRE	NEWFIRE		2-01-001-02	315 hp Diesel-Fired Fire Water Pump	Diesel
TRANSFORMERS	TRANSFORMERS		2-01-004-03	Transformers	Transformers



SECTION 3 – EMISSION UNIT SUMMARY

Table 3-B: New/Modified/Reconstructed Stack / Release Point Information

** Stack information not required for fugitive sources.*

Emission Unit #	Associated Emission Unit	Latitude (decimal deg.)	Longitude (decimal deg.)	Elevation (feet a.s.l.)	Stack Height (feet)	Stack Inside Diameter (feet)	Exhaust Temp. (°F)	Exhaust Exit Velocity (feet/sec)	Exhaust Flow Rate (cu. feet/sec)	Vertical, Horizontal, or Fugitive	Raincap Present?
See Model Input Tables in Appendix C and Provided Modeling Files											



SECTION 4 – INSIGNIFICANT ACTIVITIES

Table 4-A: Insignificant Activities List

Insignificant Activity Type	Description of Insignificant Activity
Diesel Storage Tank	2,000,000-gallon Diesel Storage Tank
Diesel Storage Tank	2,000,000-gallon Diesel Storage Tank
Diesel Storage Tank	2,000,000-gallon Diesel Storage Tank
Diesel Storage Tank	2,000,000-gallon Diesel Storage Tank



SECTION 4 – INSIGNIFICANT ACTIVITIES

Table 4-B: Insignificant Lubricating and Heavy Oil Storage Information

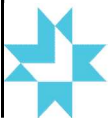
Storage ID	Installation Date	Tank/Vessel Contents	Maximum Capacity (gallons)	Vapor Pressure @ Standard Conditions (psi)
Tank1	TBD	#2 Fuel Oil	2,000,000	TBD
Tank2	TBD	#2 Fuel Oil	2,000,000	TBD
Tank3	TBD	#2 Fuel Oil	2,000,000	TBD
Tank4	TBD	#2 Fuel Oil	2,000,000	TBD



SECTION 4 – INSIGNIFICANT ACTIVITIES

Table 4-C: Insignificant Cooling Towers

Cooling Tower ID	Installation Date	Induced Draft or Natural Draft?	Maximum Circulating H ₂ O Flow Rate (gpm)	Total Dissolved Solids Conc. (ppmv)	Estimated Drift Loss (%)	Average Days in Service / Year
Not Applicable						

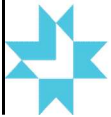


SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-A: New/Modified/Reconstructed Emission Units MPTE – Regulated Air Pollutant Emissions

Please list maximum potential emissions of all pollutants for each emission unit in pounds per year.

Emission Unit #	SCC Code	Hourly Process Rate	Process Rate Units	Max Annual Throughput	Emission Factor Source	PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Total HAP
RICE1-RICE1NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE2-RICE2NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE3-RICE3NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE4-RICE4NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE5-RICE5NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE6-RICE6NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE7-RICE7NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE8-RICE8NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE9-RICE9NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE10-RICE10NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE11-RICE11NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE12-RICE12NG	2-01-002-02	See Narrative and Appendix C Tables		Tables	Other	34,164	34,164	153,611	6,627	42,924	188,029	1.4E+08	-	4,483
RICE1-RICE1FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE2-RICE2FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE3-RICE3FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE4-RICE4FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE5-RICE5FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE6-RICE6FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE7-RICE7FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE8-RICE8FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE9-RICE9FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE10-RICE10FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE11-RICE11FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03
RICE12-RICE12FO	2-01-001-02	See Narrative and Appendix C Tables		Tables	Other	49,056	49,056	329,121	1,839	70,956	68,830	2.0E+08	-	211.03



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-A: New/Modified/Reconstructed Emission Units MPTE – Regulated Air Pollutant Emissions

Please list maximum potential emissions of all pollutants for each emission unit in pounds per year.

Emission Unit #	SCC Code	Hourly Process Rate	Process Rate Units	Max Annual Throughput	Emission Factor Source	PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Total HAP
SCCT1-CT1NG	2-01-002-01	See Narrative and Appendix C Tables			Other	107,224	107,224	769,845	32,412	894,010	8.9E+06	2.6E+09	-	2,259
SCCT2-CT2NG	2-01-002-01	See Narrative and Appendix C Tables			Other	107,224	107,224	769,845	32,412	894,010	8.9E+06	2.6E+09	-	2,259
SCCT3-CT3NG	2-01-002-01	See Narrative and Appendix C Tables			Other	107,224	107,224	769,845	32,412	894,010	8.9E+06	2.6E+09	-	2,259
SCCT4-CT4NG	2-01-002-01	See Narrative and Appendix C Tables			Other	107,224	107,224	769,845	32,412	894,010	8.9E+06	2.6E+09	-	2,259
SCCT1-CT1FO	2-01-001-01	See Narrative and Appendix C Tables			Other	270,786	270,786	532,264	31,536	439,533	2.7E+06	3.1E+09	261.59	16,901
SCCT2-CT2FO	2-01-001-01	See Narrative and Appendix C Tables			Other	270,786	270,786	532,264	31,536	439,533	2.7E+06	3.1E+09	261.59	16,901
SCCT3-CT3FO	2-01-001-01	See Narrative and Appendix C Tables			Other	270,786	270,786	532,264	31,536	439,533	2.7E+06	3.1E+09	261.59	16,901
SCCT4-CT4FO	2-01-001-01	See Narrative and Appendix C Tables			Other	270,786	270,786	532,264	31,536	439,533	2.7E+06	3.1E+09	261.59	16,901
CCCT1-CT1NG	2-01-002-01	See Narrative and Appendix C Tables			Other	92,856	92,856	571,131	31,536	811,681	4.0E+06	2.6E+09	-	2,241
CCCT2-CT2NG	2-01-002-01	See Narrative and Appendix C Tables			Other	92,856	92,856	571,131	31,536	811,681	4.0E+06	2.6E+09	-	2,241
CCCT3-CT3NG	2-01-002-01	See Narrative and Appendix C Tables			Other	92,856	92,856	571,131	31,536	811,681	4.0E+06	2.6E+09	-	2,241
CCCT1-CT1FO	2-01-001-01	See Narrative and Appendix C Tables			Other	263,601	263,601	509,994	47,451	351,526	1.6E+06	3.2E+09	278.12	17,969
CCCT2-CT2FO	2-01-001-01	See Narrative and Appendix C Tables			Other	263,601	263,601	509,994	47,451	351,526	1.6E+06	3.2E+09	278.12	17,969
CCCT3-CT3FO	2-01-001-01	See Narrative and Appendix C Tables			Other	263,601	263,601	509,994	47,451	351,526	1.6E+06	3.2E+09	278.12	17,969
AUXBOIL-AUXBOIL	1-03-006-02	See Narrative and Appendix C Tables			Other	6,513	6,513	42,850	514.20	4,714	71,988	1.0E+08	0.43	1,619
RICEHT1-RICEHT1	3-13-900-03	See Narrative and Appendix C Tables			Other	250.80	250.80	1,650	19.80	181.50	2,772	4.0E+06	0.02	62.34
RICEHT2-RICEHT2	3-13-900-03	See Narrative and Appendix C Tables			Other	250.80	250.80	1,650	19.80	181.50	2,772	4.0E+06	0.02	62.34
CTHT1-CTHT1	3-13-900-03	See Narrative and Appendix C Tables			Other	304.00	304.00	2,000	24.00	220.00	3,360	4.8E+06	0.02	75.57
CTHT2-CTHT2	3-13-900-03	See Narrative and Appendix C Tables			Other	304.00	304.00	2,000	24.00	220.00	3,360	4.8E+06	0.02	75.57
CTHT3-CTHT3	3-13-900-03	See Narrative and Appendix C Tables			Other	304.00	304.00	2,000	24.00	220.00	3,360	4.8E+06	0.02	75.57
CTHT4-CTHT4	3-13-900-03	See Narrative and Appendix C Tables			Other	304.00	304.00	2,000	24.00	220.00	3,360	4.8E+06	0.02	75.57
PPBH-PPBH	3-13-900-03	See Narrative and Appendix C Tables			Other	524.40	524.40	6,900	41.40	379.50	5,796	8.3E+06	0.03	130.39
WTBH-WTBH	3-13-900-03	See Narrative and Appendix C Tables			Other	798.00	798.00	10,500	63.00	577.50	8,820	1.3E+07	0.05	198.37
UBH-UBH	3-13-900-03	See Narrative and Appendix C Tables			Other	136.80	136.80	1,800	10.80	99.00	1,512	2.2E+06	0.01	34.01
MBH-MBH	3-13-900-03	See Narrative and Appendix C Tables			Other	296.40	296.40	3,900	23.40	214.50	3,276	4.7E+06	0.02	73.68
NEWEMER1-NEWEMER1	2-01-001-02	See Narrative and Appendix C Tables			Other	65.20	65.20	8,489	5.54	130.40	430.33	697,816	-	7.06
NEWEMER2-NEWEMER2	2-01-001-02	See Narrative and Appendix C Tables			Other	65.20	65.20	8,489	5.54	130.40	430.33	697,816	-	7.06
NEWEMER3-NEWEMER3	2-01-001-02	See Narrative and Appendix C Tables			Other	148.77	148.77	22,576	20.47	521.28	2,232	2.0E+06	-	20.12
NEWEMER4-NEWEMER4	2-01-001-02	See Narrative and Appendix C Tables			Other	148.77	148.77	22,576	20.47	521.28	2,232	2.0E+06	-	20.12
NEWFIRE-NEWFIRE	2-01-001-02	See Narrative and Appendix C Tables			Other	25.89	25.89	857.07	1.91	28.48	155.36	181,405	-	4.36
TRANSFORMERS-TRANSFORMERS	2-01-004-03	N/A			Other	-	-	-	-	-	-	902,400	-	-



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-B: New/Modified/Reconstructed Emission Units MPTE – VOC Emissions from VOC-Containing Materials

Please list the maximum throughput of all materials used that contain Volatile Organic Compounds, and show amount of VOC emitted.

Material Name	Manufacturer	Emission Unit #s)	Material Purpose	Material Throughput (gallons)	Product Density (lbs/gallon)	VOC Content (select one) (weight %) (lbs/gallon)	Total VOC (pounds)	Release Factor (% release)	Total VOC Emissions (pounds)
Not Applicable									



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

For a complete list of EPA regulated Hazardous Air Pollutants, including CAS Numbers, click [here](#).

Table 5-C: New/Modified/Reconstructed Emission Units - HAP Emissions from HAP-Containing Materials

Please list the maximum throughput of all materials used that contain Hazardous Air Pollutants (HAP) and show amount of HAP emitted.

Material Name	HAP Name	HAP CAS #	Emission Unit #(s)	Material Throughput	Throughput Units	Individual HAP Content	HAP Content Units	Product Density (lbs/gallon)	Individual HAP Throughput (pounds)	Release Factor (% release)	Total HAP Emissions (pounds)
Not Applicable											



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-D: New/Modified/Reconstructed Emission Units MPTE – PSD-Specific Pollutant Emissions

Please list maximum potential emissions of all pollutants for each emission unit in pounds per year.

Emission Unit #	SCC Code	Hourly Process Rate	Process Rate Units	Max Annual Throughput	PM	Fluorides	H ₂ SO ₄	H ₂ S	TRS (inc. H ₂ S)	MWC Organics	MWC Metals	MWC Acid Gas	MSWL Emissions
RICE1-RICE1NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE2-RICE2NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE3-RICE3NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE4-RICE4NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE5-RICE5NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE6-RICE6NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE7-RICE7NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE8-RICE8NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE9-RICE9NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE10-RICE10NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE11-RICE11NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE12-RICE12NG	2-01-002-02	See Narrative and Appendix C Tables			34,164	-	1,015	-	-	-	-	-	-
RICE1-RICE1FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE2-RICE2FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE3-RICE3FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE4-RICE4FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE5-RICE5FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE6-RICE6FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE7-RICE7FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE8-RICE8FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE9-RICE9FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE10-RICE10FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE11-RICE11FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-
RICE12-RICE12FO	2-01-001-02	See Narrative and Appendix C Tables			49,056	-	281.59	-	-	-	-	-	-



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-D: New/Modified/Reconstructed Emission Units MPTE – PSD-Specific Pollutant Emissions

Please list maximum potential emissions of all pollutants for each emission unit in pounds per year.

Emission Unit #	SCC Code	Hourly Process Rate	Process Rate Units	Max Annual Throughput	PM	Fluorides	H ₂ SO ₄	H ₂ S	TRS (inc. H ₂ S)	MWC Organics	MWC Metals	MWC Acid Gas	MSWL Emissions
SCCT1-CT1NG	2-01-002-01	See Narrative and Appendix C Tables			107,224	-	18,839	-	-	-	-	-	-
SCCT2-CT2NG	2-01-002-01	See Narrative and Appendix C Tables			107,224	-	18,839	-	-	-	-	-	-
SCCT3-CT3NG	2-01-002-01	See Narrative and Appendix C Tables			107,224	-	18,839	-	-	-	-	-	-
SCCT4-CT4NG	2-01-002-01	See Narrative and Appendix C Tables			107,224	-	18,839	-	-	-	-	-	-
SCCT1-CT1FO	2-01-001-01	See Narrative and Appendix C Tables			270,786	-	4,249	-	-	-	-	-	-
SCCT2-CT2FO	2-01-001-01	See Narrative and Appendix C Tables			270,786	-	4,249	-	-	-	-	-	-
SCCT3-CT3FO	2-01-001-01	See Narrative and Appendix C Tables			270,786	-	4,249	-	-	-	-	-	-
SCCT4-CT4FO	2-01-001-01	See Narrative and Appendix C Tables			270,786	-	4,249	-	-	-	-	-	-
CCCT1-CT1NG	2-01-002-01	See Narrative and Appendix C Tables			92,856	-	18,688	-	-	-	-	-	-
CCCT2-CT2NG	2-01-002-01	See Narrative and Appendix C Tables			92,856	-	18,688	-	-	-	-	-	-
CCCT3-CT3NG	2-01-002-01	See Narrative and Appendix C Tables			92,856	-	18,688	-	-	-	-	-	-
CCCT1-CT1FO	2-01-001-01	See Narrative and Appendix C Tables			263,601	-	4,517	-	-	-	-	-	-
CCCT2-CT2FO	2-01-001-01	See Narrative and Appendix C Tables			263,601	-	4,517	-	-	-	-	-	-
CCCT3-CT3FO	2-01-001-01	See Narrative and Appendix C Tables			263,601	-	4,517	-	-	-	-	-	-
AUXBOIL-AUXBOIL	1-03-006-02	See Narrative and Appendix C Tables			6,513	-	-	-	-	-	-	-	-
RICEHT1-RICEHT1	3-13-900-03	See Narrative and Appendix C Tables			250,80	-	-	-	-	-	-	-	-
RICEHT2-RICEHT2	3-13-900-03	See Narrative and Appendix C Tables			250,80	-	-	-	-	-	-	-	-
CTHT1-CTHT1	3-13-900-03	See Narrative and Appendix C Tables			304,00	-	-	-	-	-	-	-	-
CTHT2-CTHT2	3-13-900-03	See Narrative and Appendix C Tables			304,00	-	-	-	-	-	-	-	-
CTHT3-CTHT3	3-13-900-03	See Narrative and Appendix C Tables			304,00	-	-	-	-	-	-	-	-
CTHT4-CTHT4	3-13-900-03	See Narrative and Appendix C Tables			304,00	-	-	-	-	-	-	-	-
PPBH-PPBH	3-13-900-03	See Narrative and Appendix C Tables			524,40	-	-	-	-	-	-	-	-
WTBH-WTBH	3-13-900-03	See Narrative and Appendix C Tables			798,00	-	-	-	-	-	-	-	-
UBH-UBH	3-13-900-03	See Narrative and Appendix C Tables			136,80	-	-	-	-	-	-	-	-
MBH-MBH	3-13-900-03	See Narrative and Appendix C Tables			296,40	-	-	-	-	-	-	-	-
NEWEMER1-NEWEMER1	2-01-001-02	See Narrative and Appendix C Tables			65,20	-	-	-	-	-	-	-	-
NEWEMER2-NEWEMER2	2-01-001-02	See Narrative and Appendix C Tables			65,20	-	-	-	-	-	-	-	-
NEWEMER3-NEWEMER3	2-01-001-02	See Narrative and Appendix C Tables			148,77	-	-	-	-	-	-	-	-
NEWEMER4-NEWEMER4	2-01-001-02	See Narrative and Appendix C Tables			148,77	-	-	-	-	-	-	-	-
NEWFIRE-NEWFIRE	2-01-001-02	See Narrative and Appendix C Tables			25,89	-	-	-	-	-	-	-	-
TRANSFORMERS-TRANSFORMERS	2-01-004-03	N/A			-	-	-	-	-	-	-	-	-



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-E: Maximum Potential to Emit and Construction Permit Thresholds

Criteria Air Pollutants	Emissions (tons per year)	Construction Permit Threshold (tons per year)	Meet or Exceed?	PSD Permit Threshold (tons per year)	Meet or Exceed?
PM ₁₀	841.13	15.0	Yes	15.0	Yes
PM _{2.5}	841.13	10.0	Yes	10.0	Yes
NOx	3,109.37	40.0	Yes	40.0	Yes
SOx	105.01	40.0	Yes	40.0	Yes
VOC	2,049.84	40.0	Yes	40.0	Yes
CO	19,054.81	50.0	Yes	100.0	Yes
Lead	0.55	0.6	No	0.6	No
Hazardous Air Pollutants	Emissions (tons per year)	Const. Permit & Toxic BACT Threshold (tons per year)	Meet or Exceed?	Toxic MACT Threshold (tons per year)	Meet or Exceed?
Greatest Single HAP	30.92	2.5	Yes	10.0	Yes
Total Combined HAP	37.94	10.0	Yes	25.0	Yes



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-E: Maximum Potential to Emit and Construction Permit Thresholds

PSD-Only Pollutants	Emissions (tons per year)	Construction Permit Threshold (tons per year)	Meet or Exceed?	PSD Permit Threshold (tons per year)	Meet or Exceed?
PM	841.13			25.0	Yes
Fluorides	0.00			3.0	No
Sulfuric Acid Mist (H ₂ SO ₄)	43.77			7.0	Yes
Hydrogen Sulfide (H ₂ S)	0.00			10.0	No
Total Reduced Sulfur Compounds (including H ₂ S)	0.00			10.0	No
GHGs	7,700,680.57				
PSD-Only Pollutants	Emissions (megagrams per year)	Construction Permit Threshold (tons per year)	Meet or Exceed?	PSD Permit Threshold (megagrams per year)	Meet or Exceed?
Municipal Waste Combustor Organics	0.00E+00			3.20E-06	No
Municipal Waste Combustor Metals	0.00			14.0	No
Municipal Waste Combustor Acid Gases	0.00			36.0	No
Municipal Solid Waste Landfill Emissions	0.00			45.0	No



SECTION 6: CONSTRUCTION PERMIT DETERMINATION

Part A: Current Source Classification

The potential to emit (PTE) exceeds both minor 'New Source Review' (NSR) and Prevention of Significant Deterioration (PSD) permit thresholds. Proceed with the following.

Is your source currently a 'major source' for the purpose of Prevention of Significant Deterioration (PSD) of Air Quality? Yes No

Is your source included in any of the source categories in Article 2, Section 2, paragraph (H)(1) of the LLCAPCPRS? Yes No

Part B: Construction Permit Determination

This modification triggers PSD thresholds, and may require a PSD construction permit unless you agree to limits.

Do you wish to take enforceable permit requirements to limit emissions to levels that are lower than PSD permit thresholds? Yes No

By not accepting emission limits maintaining actual emissions below PSD thresholds, you will be subject to PSD requirements for this modification.

Proceed to Part C below.

Part C: Toxic 'Best Available Control Technology' (T-BACT) Determination

The PTE for hazardous air pollutants is in excess of the thresholds set forth for air toxics 'Best Available Control Technology' (BACT) requirements, and you may be required to install additional controls unless you accept limits.

Do you wish to take enforceable permit requirements to limit emissions to levels that are lower than T-BACT thresholds? Yes No

By not accepting emission limits maintaining actual emissions below toxics-BACT thresholds, you will be subject to those requirements for this modification.

The PTE for hazardous air pollutants (HAP) is in excess of the HAP major source thresholds. Proceed to Part D below.

Part D: Toxic 'Maximum Achievable Control Technology' (MACT) Determination

The PTE for HAP is in excess of the major source thresholds for air toxics, and you may be subject to 'Maximum Achievable Control Technology' (MACT) requirements, which may require you to install additional controls unless you accept limits.

Do you wish to take enforceable permit requirements to limit emissions to levels that are lower than HAP major source thresholds? Yes No

By not accepting emission limits maintaining actual emissions below MACT thresholds, you will be subject to those requirements for this modification.

In addition to this construction permit, you may be required to obtain a Title V operating permit. Contact the Department to find out what permitting and MACT requirements will apply to your source.

Part E: Source Elected Requirements for Actual Emission Reductions

All sources that are required to hold a construction permit are required to pay an annual emission fee based on actual pollutant emissions.

You may agree to control requirements in order to reduce actual emissions of pollutants to the atmosphere, thereby reducing the annual emission fees. Check the following, as applicable.

Do you agree to accept control requirements to reduce actual pollutant emissions? Yes No

Complete Table 6-A by indicating which emission units will AND will not be equipped with emission controls.

Also complete Table 6-B by indicating which emission units will AND will not be subject to emission limits, as indicated in Parts B, C, and D above (as applicable).



SECTION 6 – CONSTRUCTION PERMIT DETERMINATION

Table 6-A: Source-Elected Throughput Limits and Emission Control Requirements

In the table below, indicate which emission units you will either accept throughput limits on, or to which you will agree to apply control equipment.

Emission Unit #	SCC Code	Agree to Throughput Limit?	Maximum Annual Throughput	Annual Throughput Limit	Throughput Units	Agree to Emission Controls?	Control Device ID	Control Type	If 'Other', Specify Type
RICE1-RICE1NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE1a and CE RICE1b	Other	SCR and Oxidation Catalyst
RICE2-RICE2NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE2a and CE RICE2b	Other	SCR and Oxidation Catalyst
RICE3-RICE3NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE3a and CE RICE3b	Other	SCR and Oxidation Catalyst
RICE4-RICE4NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE4a and CE RICE4b	Other	SCR and Oxidation Catalyst
RICE5-RICE5NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE5a and CE RICE5b	Other	SCR and Oxidation Catalyst
RICE6-RICE6NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE6a and CE RICE6b	Other	SCR and Oxidation Catalyst
RICE7-RICE7NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE7a and CE RICE7b	Other	SCR and Oxidation Catalyst
RICE8-RICE8NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE8a and CE RICE8b	Other	SCR and Oxidation Catalyst
RICE9-RICE9NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE9a and CE RICE9b	Other	SCR and Oxidation Catalyst
RICE10-RICE10NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE10a and CE RICE10b	Other	SCR and Oxidation Catalyst
RICE11-RICE11NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE11a and CE RICE11b	Other	SCR and Oxidation Catalyst
RICE12-RICE12NG	2-01-002-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE12a and CE RICE12b	Other	SCR and Oxidation Catalyst
RICE1-RICE1FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE1a and CE RICE1b	Other	SCR and Oxidation Catalyst
RICE2-RICE2FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE2a and CE RICE2b	Other	SCR and Oxidation Catalyst
RICE3-RICE3FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE3a and CE RICE3b	Other	SCR and Oxidation Catalyst
RICE4-RICE4FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE4a and CE RICE4b	Other	SCR and Oxidation Catalyst
RICE5-RICE5FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE5a and CE RICE5b	Other	SCR and Oxidation Catalyst
RICE6-RICE6FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE6a and CE RICE6b	Other	SCR and Oxidation Catalyst
RICE7-RICE7FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE7a and CE RICE7b	Other	SCR and Oxidation Catalyst
RICE8-RICE8FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE8a and CE RICE8b	Other	SCR and Oxidation Catalyst
RICE9-RICE9FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE9a and CE RICE9b	Other	SCR and Oxidation Catalyst
RICE10-RICE10FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE10a and CE RICE10b	Other	SCR and Oxidation Catalyst
RICE11-RICE11FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE11a and CE RICE11b	Other	SCR and Oxidation Catalyst
RICE12-RICE12FO	2-01-001-02	No	See Narrative and Appendix C Tables		Tables	Yes	CE RICE12a and CE RICE12b	Other	SCR and Oxidation Catalyst

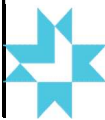


SECTION 6 – CONSTRUCTION PERMIT DETERMINATION

Table 6-A: Source-Elected Throughput Limits and Emission Control Requirements

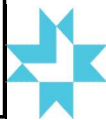
In the table below, indicate which emission units you will either accept throughput limits on, or to which you will agree to apply control equipment.

Emission Unit #	SCC Code	Agree to Throughput Limit?	Maximum Annual Throughput	Annual Throughput Limit	Throughput Units	Agree to Emission Controls?	Control Device ID	Control Type	If 'Other', Specify Type
SCCT1-CT1NG	2-01-002-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE SCCT1a and CE SCCT1b	Other	SCR and Oxidation Catalyst
SCCT2-CT2NG	2-01-002-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE SCCT2a and CE SCCT2b	Other	SCR and Oxidation Catalyst
SCCT3-CT3NG	2-01-002-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE SCCT3a and CE SCCT3b	Other	SCR and Oxidation Catalyst
SCCT4-CT4NG	2-01-002-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE SCCT4a and CE SCCT4b	Other	SCR and Oxidation Catalyst
SCCT1-CT1FO	2-01-001-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE SCCT1a and CE SCCT1b	Other	SCR and Oxidation Catalyst
SCCT2-CT2FO	2-01-001-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE SCCT2a and CE SCCT2b	Other	SCR and Oxidation Catalyst
SCCT3-CT3FO	2-01-001-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE SCCT3a and CE SCCT3b	Other	SCR and Oxidation Catalyst
SCCT4-CT4FO	2-01-001-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE SCCT4a and CE SCCT4b	Other	SCR and Oxidation Catalyst
CCCT1-CT1NG	2-01-002-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE CCCT1a and CE CCCT1b	Other	SCR and Oxidation Catalyst
CCCT2-CT2NG	2-01-002-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE CCCT2a and CE CCCT2b	Other	SCR and Oxidation Catalyst
CCCT3-CT3NG	2-01-002-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE CCCT3a and CE CCCT3b	Other	SCR and Oxidation Catalyst
CCCT1-CT1FO	2-01-001-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE CCCT1a and CE CCCT1b	Other	SCR and Oxidation Catalyst
CCCT2-CT2FO	2-01-001-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE CCCT2a and CE CCCT2b	Other	SCR and Oxidation Catalyst
CCCT3-CT3FO	2-01-001-01	No	See Narrative and Appendix C Tables		C Tables	Yes	CE CCCT3a and CE CCCT3b	Other	SCR and Oxidation Catalyst
AUXBOIL-AUXBOIL	1-03-006-02	No	See Narrative and Appendix C Tables		C Tables	No			
RICEHT1-RICEHT1	3-13-900-03	No	See Narrative and Appendix C Tables		C Tables	No			
RICEHT2-RICEHT2	3-13-900-03	No	See Narrative and Appendix C Tables		C Tables	No			
CTHT1-CTHT1	3-13-900-03	No	See Narrative and Appendix C Tables		C Tables	No			
CTHT2-CTHT2	3-13-900-03	No	See Narrative and Appendix C Tables		C Tables	No			
CTHT3-CTHT3	3-13-900-03	No	See Narrative and Appendix C Tables		C Tables	No			
CTHT4-CTHT4	3-13-900-03	No	See Narrative and Appendix C Tables		C Tables	No			
PPBH-PPBH	3-13-900-03	No	See Narrative and Appendix C Tables		C Tables	No			
WTBH-WTBH	3-13-900-03	No	See Narrative and Appendix C Tables		C Tables	No			
UBH-UBH	3-13-900-03	No	See Narrative and Appendix C Tables		C Tables	No			
MBH-MBH	3-13-900-03	No	See Narrative and Appendix C Tables		C Tables	No			
NEWEMER1-NEWEMER1	2-01-001-02	No	See Narrative and Appendix C Tables		C Tables	No			
NEWEMER2-NEWEMER2	2-01-001-02	No	See Narrative and Appendix C Tables		C Tables	No			
NEWEMER3-NEWEMER3	2-01-001-02	No	See Narrative and Appendix C Tables		C Tables	No			
NEWEMER4-NEWEMER4	2-01-001-02	No	See Narrative and Appendix C Tables		C Tables	No			
NEWFIRE-NEWFIRE	2-01-001-02	No	See Narrative and Appendix C Tables		C Tables	No			
TRANSFORMERS-TRANSFORMERS	2-01-004-03	No	See Narrative and Appendix C Tables		C Tables	No			



SECTION 6 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Do you wish to accept facility-wide emission limits as part of this construction permit? If "Yes", enter the limit(s) in units of pounds. For pollutants with no limit, enter zero (0).	Yes		PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Individual HAP	Total HAP
	<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Do you wish to accept emission limits that will apply to all of the emission units listed in Table 3-A as part of this construction permit? If "Yes", enter the limit(s) in units of pounds. For pollutants with no limit, enter zero (0).	<input type="checkbox"/>	<input checked="" type="checkbox"/>										



SECTION 6 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 6-B: Source-Elected Emission Limits

If you would like to accept unit-specific emission limits as part of your construction permit, check the box for "Yes" for every unit you wish to apply unit-specific limits, and enter the limit you agree to accept in units of pounds. For pollutants with no limit, enter zero (0).

Emission Unit #	SCC Code	Agreed to throughput limits or controls?	Agree to emission limit?	PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Individual HAP	Total HAP
RICE1-RICE1NG	2-01-002-02	Yes	Yes										
RICE2-RICE2NG	2-01-002-02	Yes	Yes										
RICE3-RICE3NG	2-01-002-02	Yes	Yes										
RICE4-RICE4NG	2-01-002-02	Yes	Yes										
RICE5-RICE5NG	2-01-002-02	Yes	Yes										
RICE6-RICE6NG	2-01-002-02	Yes	Yes										
RICE7-RICE7NG	2-01-002-02	Yes	Yes										
RICE8-RICE8NG	2-01-002-02	Yes	Yes										
RICE9-RICE9NG	2-01-002-02	Yes	Yes										
RICE10-RICE10NG	2-01-002-02	Yes	Yes										
RICE11-RICE11NG	2-01-002-02	Yes	Yes										
RICE12-RICE12NG	2-01-002-02	Yes	Yes										
RICE1-RICE1FO	2-01-001-02	Yes	Yes										
RICE2-RICE2FO	2-01-001-02	Yes	Yes										
RICE3-RICE3FO	2-01-001-02	Yes	Yes										
RICE4-RICE4FO	2-01-001-02	Yes	Yes										
RICE5-RICE5FO	2-01-001-02	Yes	Yes										
RICE6-RICE6FO	2-01-001-02	Yes	Yes										



SECTION 6 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 6-B: Source-Elected Emission Limits

If you would like to accept unit-specific emission limits as part of your construction permit, check the box for "Yes" for every unit you wish to apply unit-specific limits, and enter the limit you agree to accept in units of pounds. For pollutants with no limit, enter zero (0).

Emission Unit #	SCC Code	Agreed to throughput limits or controls?	Agree to emission limit?	PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Individual HAP	Total HAP
RICE7-RICE7FO	2-01-001-02	Yes	Yes					See Proposed Limits in Application					
RICE8-RICE8FO	2-01-001-02	Yes	Yes					See Proposed Limits in Application					
RICE9-RICE9FO	2-01-001-02	Yes	Yes					See Proposed Limits in Application					
RICE10-RICE10FO	2-01-001-02	Yes	Yes					See Proposed Limits in Application					
RICE11-RICE11FO	2-01-001-02	Yes	Yes					See Proposed Limits in Application					
RICE12-RICE12FO	2-01-001-02	Yes	Yes					See Proposed Limits in Application					
SCCT1-CT1NG	2-01-002-01	Yes	Yes					See Proposed Limits in Application					
SCCT2-CT2NG	2-01-002-01	Yes	Yes					See Proposed Limits in Application					
SCCT3-CT3NG	2-01-002-01	Yes	Yes					See Proposed Limits in Application					
SCCT4-CT4NG	2-01-002-01	Yes	Yes					See Proposed Limits in Application					
SCCT1-CT1FO	2-01-001-01	Yes	Yes					See Proposed Limits in Application					
SCCT2-CT2FO	2-01-001-01	Yes	Yes					See Proposed Limits in Application					
SCCT3-CT3FO	2-01-001-01	Yes	Yes					See Proposed Limits in Application					
SCCT4-CT4FO	2-01-001-01	Yes	Yes					See Proposed Limits in Application					
CCCT1-CT1NG	2-01-002-01	Yes	Yes					See Proposed Limits in Application					
CCCT2-CT2NG	2-01-002-01	Yes	Yes					See Proposed Limits in Application					
CCCT3-CT3NG	2-01-002-01	Yes	Yes					See Proposed Limits in Application					
CCCT1-CT1FO	2-01-001-01	Yes	Yes					See Proposed Limits in Application					
CCCT2-CT2FO	2-01-001-01	Yes	Yes					See Proposed Limits in Application					
CCCT3-CT3FO	2-01-001-01	Yes	Yes					See Proposed Limits in Application					



SECTION 6 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 6-B: Source-Elected Emission Limits

If you would like to accept unit-specific emission limits as part of your construction permit, check the box for "Yes" for every unit you wish to apply unit-specific limits, and enter the limit you agree to accept in units of pounds. For pollutants with no limit, enter zero (0).

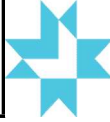
Emission Unit #	SCC Code	Agreed to throughput limits or controls?	Agree to emission limit?	PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Individual HAP	Total HAP
AUXBOIL-AUXBOIL	1-03-006-02	No	Yes										
RICEHT1-RICEHT1	3-13-900-03	No	Yes										
RICEHT2-RICEHT2	3-13-900-03	No	Yes										
CTHT1-CTHT1	3-13-900-03	No	Yes										
CTHT2-CTHT2	3-13-900-03	No	Yes										
CTHT3-CTHT3	3-13-900-03	No	Yes										
CTHT4-CTHT4	3-13-900-03	No	Yes										
PPBH-PPBH	3-13-900-03	No	Yes										
WTBH-WTBH	3-13-900-03	No	Yes										
UBH-UBH	3-13-900-03	No	Yes										
MBH-MBH	3-13-900-03	No	Yes										
NEWEMER1-NEWEMER1	2-01-001-02	No	Yes										
NEWEMER2-NEWEMER2	2-01-001-02	No	Yes										
NEWEMER3-NEWEMER3	2-01-001-02	No	Yes										
NEWEMER4-NEWEMER4	2-01-001-02	No	Yes										
NEWFIRE-NEWFIRE	2-01-001-02	No	Yes										
TRANSFORMERS-TRANSFORMERS	2-01-004-03	No	Yes										



SECTION 6 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Do you wish to accept emission limits that will apply to all of the emission units listed in Table 3-A as part of this construction permit? If "Yes", enter the limit(s) in units of pounds. For pollutants with no limit, enter zero (0).

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PM	Fluorides	H ₂ SO ₄	H ₂ S	TRS (inc. H ₂ S)	MWC Organics	MWC Metals	MWC Acid Gas	MSWL Emissions



SECTION 6 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 6-C: Source-Elected Emission Limits for PSD Pollutants

If you would like to accept unit-specific emission limits as part of your construction permit, check the box for "Yes" for every unit you wish to apply unit-specific limits, and enter the limit you agree to accept in units of pounds. For pollutants with no limit, enter zero (0).

Emission Unit #	SCC Code	Agreed to throughput limits or controls?	Agree to emission limit?	PM	Fluorides	H ₂ SO ₄	H ₂ S	TRS (inc. H ₂ S)	MWC Organics	MWC Metals	MWC Acid Gas	MSWL Emissions
RICE1-RICE1NG	2-01-002-02	Yes	Yes									
RICE2-RICE2NG	2-01-002-02	Yes	Yes									
RICE3-RICE3NG	2-01-002-02	Yes	Yes									
RICE4-RICE4NG	2-01-002-02	Yes	Yes									
RICE5-RICE5NG	2-01-002-02	Yes	Yes									
RICE6-RICE6NG	2-01-002-02	Yes	Yes									
RICE7-RICE7NG	2-01-002-02	Yes	Yes									
RICE8-RICE8NG	2-01-002-02	Yes	Yes									
RICE9-RICE9NG	2-01-002-02	Yes	Yes									
RICE10-RICE10NG	2-01-002-02	Yes	Yes									
RICE11-RICE11NG	2-01-002-02	Yes	Yes									
RICE12-RICE12NG	2-01-002-02	Yes	Yes									
RICE1-RICE1FO	2-01-001-02	Yes	Yes									
RICE2-RICE2FO	2-01-001-02	Yes	Yes									
RICE3-RICE3FO	2-01-001-02	Yes	Yes									
RICE4-RICE4FO	2-01-001-02	Yes	Yes									
RICE5-RICE5FO	2-01-001-02	Yes	Yes									
RICE6-RICE6FO	2-01-001-02	Yes	Yes									
RICE7-RICE7FO	2-01-001-02	Yes	Yes									
RICE8-RICE8FO	2-01-001-02	Yes	Yes									



SECTION 6 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 6-C: Source-Elected Emission Limits for PSD Pollutants

If you would like to accept unit-specific emission limits as part of your construction permit, check the box for "Yes" for every unit you wish to apply unit-specific limits, and enter the limit you agree to accept in units of pounds. For pollutants with no limit, enter zero (0).

Emission Unit #	SCC Code	Agreed to throughput limits or controls?	Agree to emission limit?	PM	Fluorides	H ₂ SO ₄	H ₂ S	TRS (inc. H ₂ S)	MWC Organics	MWC Metals	MWC Acid Gas	MSWL Emissions
RICE9-RICE9FO	2-01-001-02	Yes	Yes				See Proposed Limits in Application					
RICE10-RICE10FO	2-01-001-02	Yes	Yes				See Proposed Limits in Application					
RICE11-RICE11FO	2-01-001-02	Yes	Yes				See Proposed Limits in Application					
RICE12-RICE12FO	2-01-001-02	Yes	Yes				See Proposed Limits in Application					
SCCT1-CT1NG	2-01-002-01	Yes	Yes				See Proposed Limits in Application					
SCCT2-CT2NG	2-01-002-01	Yes	Yes				See Proposed Limits in Application					
SCCT3-CT3NG	2-01-002-01	Yes	Yes				See Proposed Limits in Application					
SCCT4-CT4NG	2-01-002-01	Yes	Yes				See Proposed Limits in Application					
SCCT1-CT1FO	2-01-001-01	Yes	Yes				See Proposed Limits in Application					
SCCT2-CT2FO	2-01-001-01	Yes	Yes				See Proposed Limits in Application					
SCCT3-CT3FO	2-01-001-01	Yes	Yes				See Proposed Limits in Application					
SCCT4-CT4FO	2-01-001-01	Yes	Yes				See Proposed Limits in Application					
CCCT1-CT1NG	2-01-002-01	Yes	Yes				See Proposed Limits in Application					
CCCT2-CT2NG	2-01-002-01	Yes	Yes				See Proposed Limits in Application					
CCCT3-CT3NG	2-01-002-01	Yes	Yes				See Proposed Limits in Application					
CCCT1-CT1FO	2-01-001-01	Yes	Yes				See Proposed Limits in Application					
CCCT2-CT2FO	2-01-001-01	Yes	Yes				See Proposed Limits in Application					
CCCT3-CT3FO	2-01-001-01	Yes	Yes				See Proposed Limits in Application					



SECTION 6 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 6-C: Source-Elected Emission Limits for PSD Pollutants

If you would like to accept unit-specific emission limits as part of your construction permit, check the box for "Yes" for every unit you wish to apply unit-specific limits, and enter the limit you agree to accept in units of pounds. For pollutants with no limit, enter zero (0).

Emission Unit #	SCC Code	Agreed to throughput limits or controls?	Agree to emission limit?	PM	Fluorides	H ₂ SO ₄	H ₂ S	TRS (inc. H ₂ S)	MWC Organics	MWC Metals	MWC Acid Gas	MSWL Emissions
AUXBOIL-AUXBOIL	1-03-006-02	No	Yes						See Proposed Limits in Application			
RICEHT1-RICEHT1	3-13-900-03	No	Yes						See Proposed Limits in Application			
RICEHT2-RICEHT2	3-13-900-03	No	Yes						See Proposed Limits in Application			
CTHT1-CTHT1	3-13-900-03	No	Yes						See Proposed Limits in Application			
CTHT2-CTHT2	3-13-900-03	No	Yes						See Proposed Limits in Application			
CTHT3-CTHT3	3-13-900-03	No	Yes						See Proposed Limits in Application			
CTHT4-CTHT4	3-13-900-03	No	Yes						See Proposed Limits in Application			
PPBH-PPBH	3-13-900-03	No	Yes						See Proposed Limits in Application			
WTBH-WTBH	3-13-900-03	No	Yes						See Proposed Limits in Application			
UBH-UBH	3-13-900-03	No	Yes						See Proposed Limits in Application			
MBH-MBH	3-13-900-03	No	Yes						See Proposed Limits in Application			
NEWEMER1-NEWEMER1	2-01-001-02	No	Yes						See Proposed Limits in Application			
NEWEMER2-NEWEMER2	2-01-001-02	No	Yes						See Proposed Limits in Application			
NEWEMER3-NEWEMER3	2-01-001-02	No	Yes						See Proposed Limits in Application			
NEWEMER4-NEWEMER4	2-01-001-02	No	Yes						See Proposed Limits in Application			
NEWFIRE-NEWFIRE	2-01-001-02	No	Yes						See Proposed Limits in Application			
TRANSFORMERS-TRANSFORMERS	2-01-004-03	No	Yes						See Proposed Limits in Application			



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

Table 7-A: Facility-Wide APTE – Regulated Air Pollutant Emissions

Shown below is your source's potential emissions after applying any operational limits or control equipment you elected in Section 6. Emissions are in units of pounds.

Emission Unit #	SCC Code	Annual Throughput	Throughput Units	PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Total HAP
RICE1-RICE1NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE2-RICE2NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE3-RICE3NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE4-RICE4NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE5-RICE5NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE6-RICE6NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE7-RICE7NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE8-RICE8NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE9-RICE9NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE10-RICE10NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE11-RICE11NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE12-RICE12NG	2-01-002-02	See Application		34,164	34,164	153,611	6,627	42,924	188,029	1.39E+08	-	4,483
RICE1-RICE1FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE2-RICE2FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE3-RICE3FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE4-RICE4FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE5-RICE5FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE6-RICE6FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE7-RICE7FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE8-RICE8FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE9-RICE9FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE10-RICE10FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE11-RICE11FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03
RICE12-RICE12FO	2-01-001-02	See Application		49,056	49,056	329,121	1,839	70,956	68,830	2.03E+08	-	211.03



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

Table 7-A: Facility-Wide APTE – Regulated Air Pollutant Emissions

Shown below is your source's potential emissions after applying any operational limits or control equipment you elected in Section 6. Emissions are in units of pounds.

Emission Unit #	SCC Code	Annual Throughput	Throughput Units	PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Total HAP
SCCT1-CT1NG	2-01-002-01	See Application		107,224	107,224	769,845	32,412	894,010	8,93E+06	2,57E+09	-	2,259
SCCT2-CT2NG	2-01-002-01	See Application		107,224	107,224	769,845	32,412	894,010	8,93E+06	2,57E+09	-	2,259
SCCT3-CT3NG	2-01-002-01	See Application		107,224	107,224	769,845	32,412	894,010	8,93E+06	2,57E+09	-	2,259
SCCT4-CT4NG	2-01-002-01	See Application		107,224	107,224	769,845	32,412	894,010	8,93E+06	2,57E+09	-	2,259
SCCT1-CT1FO	2-01-001-01	See Application		270,786	270,786	532,264	31,536	439,533	2,75E+06	3,06E+09	261.59	16,901
SCCT2-CT2FO	2-01-001-01	See Application		270,786	270,786	532,264	31,536	439,533	2,75E+06	3,06E+09	261.59	16,901
SCCT3-CT3FO	2-01-001-01	See Application		270,786	270,786	532,264	31,536	439,533	2,75E+06	3,06E+09	261.59	16,901
SCCT4-CT4FO	2-01-001-01	See Application		270,786	270,786	532,264	31,536	439,533	2,75E+06	3,06E+09	261.59	16,901
CCCT1-CT1NG	2-01-002-01	See Application		92,856	92,856	571,131	31,536	811,681	4,01E+06	2,55E+09	-	2,241
CCCT2-CT2NG	2-01-002-01	See Application		92,856	92,856	571,131	31,536	811,681	4,01E+06	2,55E+09	-	2,241
CCCT3-CT3NG	2-01-002-01	See Application		92,856	92,856	571,131	31,536	811,681	4,01E+06	2,55E+09	-	2,241
CCCT1-CT1FO	2-01-001-01	See Application		263,601	263,601	509,994	47,451	351,526	1,63E+06	3,25E+09	278.12	17,969
CCCT2-CT2FO	2-01-001-01	See Application		263,601	263,601	509,994	47,451	351,526	1,63E+06	3,25E+09	278.12	17,969
CCCT3-CT3FO	2-01-001-01	See Application		263,601	263,601	509,994	47,451	351,526	1,63E+06	3,25E+09	278.12	17,969
AUXBOIL-AUXBOIL	1-03-006-02	See Application		6,513	6,513	42,850	514.20	4,714	71,988	1,03E+08	0.43	1,619
RICEHT1-RICEHT1	3-13-900-03	See Application		250,80	250,80	1,650	19.80	181.50	2,772	3,98E+06	0.02	62.34
RICEHT2-RICEHT2	3-13-900-03	See Application		250,80	250,80	1,650	19.80	181.50	2,772	3,98E+06	0.02	62.34
CTHT1-CTHT1	3-13-900-03	See Application		304,00	304,00	2,000	24.00	220.00	3,360	4,83E+06	0.02	75.57
CTHT2-CTHT2	3-13-900-03	See Application		304,00	304,00	2,000	24.00	220.00	3,360	4,83E+06	0.02	75.57
CTHT3-CTHT3	3-13-900-03	See Application		304,00	304,00	2,000	24.00	220.00	3,360	4,83E+06	0.02	75.57
CTHT4-CTHT4	3-13-900-03	See Application		304,00	304,00	2,000	24.00	220.00	3,360	4,83E+06	0.02	75.57
PPBH-PPBH	3-13-900-03	See Application		524,40	524,40	6,900	41.40	379.50	5,796	8,32E+06	0.03	130.39
WTBH-WTBH	3-13-900-03	See Application		798,00	798,00	10,500	63.00	577.50	8,820	1,27E+07	0.05	198.37
UBH-UBH	3-13-900-03	See Application		136,80	136,80	1,800	10.80	99.00	1,512	2,17E+06	0.01	34.01
MBH-MBH	3-13-900-03	See Application		296,40	296,40	3,900	23.40	214.50	3,276	4,71E+06	0.02	73.68
NEWEMER1-NEWEMER1	2-01-001-02	See Application		65,20	65,20	8,489	5.54	130.40	430.33	697,816	-	7.06
NEWEMER2-NEWEMER2	2-01-001-02	See Application		65,20	65,20	8,489	5.54	130.40	430.33	697,816	-	7.06
NEWEMER3-NEWEMER3	2-01-001-02	See Application		148,77	148,77	22,576	20.47	521.28	2,232	1,99E+06	-	20.12
NEWEMER4-NEWEMER4	2-01-001-02	See Application		148,77	148,77	22,576	20.47	521.28	2,232	1,99E+06	-	20.12
NEWFIRE-NEWFIRE	2-01-001-02	See Application		25,89	25,89	857.07	1.91	28.48	155.36	181,405	-	4.36
TRANSFORMERS-TRANSFORMERS	2-01-004-03	N/A		-	-	-	-	-	-	902,400	-	-



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

Table 7-B: Facility-Wide APTE – VOC Emissions from VOC-Containing Materials

Please indicate whether you are accepting throughput limits or emission control requirements for VOC-containing materials. Emissions will be calculated in units of pounds.

Material Name – Manufacturer: Purpose	Emission Unit #(s)	Maximum Annual Throughput (gallons)	Agree to Throughput Limit? (Yes or No)	Annual Throughput Limit (gallons)	Total VOC (pounds)	Release Factor (% release)	Agree to Control Emissions? (Yes or No)	Control Device Type	Total VOC Emissions (pounds)
Not Applicable									



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

Table 7-C: Facility-Wide APTE – HAP Emissions from HAP-Containing Materials

Please indicate whether you are accepting throughput limits or emission control requirements for HAP-containing materials. Emissions will be calculated in units of pounds.

Material Name	HAP Name	CAS #	Emission Unit #(s)	Agree to Throughput Limit? (Yes or No)	Agree to Control Emissions? (Yes or No)	Maximum Annual Material Throughput	Material Throughput Units	Annual Throughput Limit	Control Device Type	Release Factor (% release)	Individual HAP Emissions (pounds)
Not Applicable											



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

Table 7-D: New/Modified/Reconstructed Emission Units APTE – PSD-Specific Pollutant Emissions

Please list maximum potential emissions of all pollutants for each emission unit in pounds per year.

Emission Unit #	SCC Code	Annual Throughput	Throughput Units	PM	Fluorides	H ₂ SO ₄	H ₂ S	TRS (inc. H ₂ S)	MWC Organics	MWC Metals	MWC Acid Gas	MSWL Emissions
RICE1-RICE1NG	2-01-002-02	See Narrative and Appendix C Tables		34,164	-	1,015	-	-	-	-	-	-
RICE2-RICE2NG	2-01-002-02	See Narrative and Appendix C Tables		34,164	-	1,015	-	-	-	-	-	-
RICE3-RICE3NG	2-01-002-02	See Narrative and Appendix C Tables		34,164	-	1,015	-	-	-	-	-	-
RICE4-RICE4NG	2-01-002-02	See Narrative and Appendix C Tables		34,164	-	1,015	-	-	-	-	-	-
RICE5-RICE5NG	2-01-002-02	See Narrative and Appendix C Tables		34,164	-	1,015	-	-	-	-	-	-
RICE6-RICE6NG	2-01-002-02	See Narrative and Appendix C Tables		34,164	-	1,015	-	-	-	-	-	-
RICE7-RICE7NG	2-01-002-02	See Narrative and Appendix C Tables		34,164	-	1,015	-	-	-	-	-	-
RICE8-RICE8NG	2-01-002-02	See Narrative and Appendix C Tables		34,164	-	1,015	-	-	-	-	-	-



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

Table 7-D: New/Modified/Reconstructed Emission Units APTE – PSD-Specific Pollutant Emissions

Please list maximum potential emissions of all pollutants for each emission unit in pounds per year.

Emission Unit #	SCC Code	Annual Throughput	Throughput Units	PM	Fluorides	H ₂ SO ₄	H ₂ S	TRS (inc. H ₂ S)	MWC Organics	MWC Metals	MWC Acid Gas	MSWL Emissions
RICE9-RICE9NG	2-01-002-02	See Narrative and Appendix C Tables	Appendix C Tables	34,164	-	1,015	-	-	-	-	-	-
RICE10-RICE10NG	2-01-002-02	See Narrative and Appendix C Tables	Appendix C Tables	34,164	-	1,015	-	-	-	-	-	-
RICE11-RICE11NG	2-01-002-02	See Narrative and Appendix C Tables	Appendix C Tables	34,164	-	1,015	-	-	-	-	-	-
RICE12-RICE12NG	2-01-002-02	See Narrative and Appendix C Tables	Appendix C Tables	34,164	-	1,015	-	-	-	-	-	-
RICE1-RICE1FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE2-RICE2FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE3-RICE3FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE4-RICE4FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE5-RICE5FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE6-RICE6FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE7-RICE7FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE8-RICE8FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE9-RICE9FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE10-RICE10FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE11-RICE11FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-
RICE12-RICE12FO	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	49,056	-	281.59	-	-	-	-	-	-



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

Table 7-D: New/Modified/Reconstructed Emission Units APTE – PSD-Specific Pollutant Emissions

Please list maximum potential emissions of all pollutants for each emission unit in pounds per year.

Emission Unit #	SCC Code	Annual Throughput	Throughput Units	PM	Fluorides	H ₂ SO ₄	H ₂ S	TRS (inc. H ₂ S)	MWC Organics	MWC Metals	MWC Acid Gas	MSWL Emissions
SCCT1-CT1NG	2-01-002-01	See Narrative and Appendix C Tables	Appendix C Tables	107,224	-	18,839	-	-	-	-	-	-
SCCT2-CT2NG	2-01-002-01	See Narrative and Appendix C Tables	Appendix C Tables	107,224	-	18,839	-	-	-	-	-	-
SCCT3-CT3NG	2-01-002-01	See Narrative and Appendix C Tables	Appendix C Tables	107,224	-	18,839	-	-	-	-	-	-
SCCT4-CT4NG	2-01-002-01	See Narrative and Appendix C Tables	Appendix C Tables	107,224	-	18,839	-	-	-	-	-	-
SCCT1-CT1FO	2-01-001-01	See Narrative and Appendix C Tables	Appendix C Tables	270,786	-	4,249	-	-	-	-	-	-
SCCT2-CT2FO	2-01-001-01	See Narrative and Appendix C Tables	Appendix C Tables	270,786	-	4,249	-	-	-	-	-	-
SCCT3-CT3FO	2-01-001-01	See Narrative and Appendix C Tables	Appendix C Tables	270,786	-	4,249	-	-	-	-	-	-
SCCT4-CT4FO	2-01-001-01	See Narrative and Appendix C Tables	Appendix C Tables	270,786	-	4,249	-	-	-	-	-	-
CCCT1-CT1NG	2-01-002-01	See Narrative and Appendix C Tables	Appendix C Tables	92,856	-	18,688	-	-	-	-	-	-
CCCT2-CT2NG	2-01-002-01	See Narrative and Appendix C Tables	Appendix C Tables	92,856	-	18,688	-	-	-	-	-	-
CCCT3-CT3NG	2-01-002-01	See Narrative and Appendix C Tables	Appendix C Tables	92,856	-	18,688	-	-	-	-	-	-
CCCT1-CT1FO	2-01-001-01	See Narrative and Appendix C Tables	Appendix C Tables	263,601	-	4,517	-	-	-	-	-	-
CCCT2-CT2FO	2-01-001-01	See Narrative and Appendix C Tables	Appendix C Tables	263,601	-	4,517	-	-	-	-	-	-
CCCT3-CT3FO	2-01-001-01	See Narrative and Appendix C Tables	Appendix C Tables	263,601	-	4,517	-	-	-	-	-	-
AUXBOIL-AUXBOIL	1-03-006-02	See Narrative and Appendix C Tables	Appendix C Tables	6,513	-	-	-	-	-	-	-	-



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

Table 7-D: New/Modified/Reconstructed Emission Units APTE – PSD-Specific Pollutant Emissions

Please list maximum potential emissions of all pollutants for each emission unit in pounds per year.

Emission Unit #	SCC Code	Annual Throughput	Throughput Units	PM	Fluorides	H ₂ SO ₄	H ₂ S	TRS (inc. H ₂ S)	MWC Organics	MWC Metals	MWC Acid Gas	MSWL Emissions
RICEHT1-RICEHT1	3-13-900-03	See Narrative and Appendix C Tables	Appendix C Tables	250.80	-	-	-	-	-	-	-	-
RICEHT2-RICEHT2	3-13-900-03	See Narrative and Appendix C Tables	Appendix C Tables	250.80	-	-	-	-	-	-	-	-
CTHT1-CTHT1	3-13-900-03	See Narrative and Appendix C Tables	Appendix C Tables	304.00	-	-	-	-	-	-	-	-
CTHT2-CTHT2	3-13-900-03	See Narrative and Appendix C Tables	Appendix C Tables	304.00	-	-	-	-	-	-	-	-
CTHT3-CTHT3	3-13-900-03	See Narrative and Appendix C Tables	Appendix C Tables	304.00	-	-	-	-	-	-	-	-
CTHT4-CTHT4	3-13-900-03	See Narrative and Appendix C Tables	Appendix C Tables	304.00	-	-	-	-	-	-	-	-
PPBH-PPBH	3-13-900-03	See Narrative and Appendix C Tables	Appendix C Tables	524.40	-	-	-	-	-	-	-	-
WTBH-WTBH	3-13-900-03	See Narrative and Appendix C Tables	Appendix C Tables	798.00	-	-	-	-	-	-	-	-
UBH-UBH	3-13-900-03	See Narrative and Appendix C Tables	Appendix C Tables	136.80	-	-	-	-	-	-	-	-
MBH-MBH	3-13-900-03	See Narrative and Appendix C Tables	Appendix C Tables	296.40	-	-	-	-	-	-	-	-
NEWEMER1-NEWEMER1	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	65.20	-	-	-	-	-	-	-	-
NEWEMER2-NEWEMER2	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	65.20	-	-	-	-	-	-	-	-
NEWEMER3-NEWEMER3	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	148.77	-	-	-	-	-	-	-	-
NEWEMER4-NEWEMER4	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	148.77	-	-	-	-	-	-	-	-
NEWFIRE-NEWFIRE	2-01-001-02	See Narrative and Appendix C Tables	Appendix C Tables	25.89	-	-	-	-	-	-	-	-
TRANSFORMERS-TRANSFORMERS	2-01-004-03	See Narrative and Appendix C Tables	Appendix C Tables	-	-	-	-	-	-	-	-	-



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

Table 7-E: Actual Potential to Emit and Construction Permit Thresholds

Criteria Air Pollutants	Emissions (tons per year)	Construction Permit Threshold (tons per year)	Meet or Exceed?	PSD Permit Threshold (tons per year)	Meet or Exceed?
PM ₁₀	841.13	15.0	Yes	15.0	Yes
PM _{2.5}	841.13	10.0	Yes	10.0	Yes
NOx	3,109.37	40.0	Yes	40.0	Yes
SOx	105.01	40.0	Yes	40.0	Yes
VOC	2,049.84	40.0	Yes	40.0	Yes
CO	19,054.81	50.0	Yes	100.0	Yes
Lead	0.55	0.6	No	0.6	No
Hazardous Air Pollutants	Emissions (tons per year)	Const. Permit & Toxic BACT Threshold (tons per year)	Meet or Exceed?	Toxic MACT Threshold (tons per year)	Meet or Exceed?
Greatest Single HAP	30.92	2.5	Yes	10.0	Yes
Total Combined HAP	37.94	10.0	Yes	25.0	Yes

PSD-Only Pollutants	Emissions (tons per year)	Construction Permit Threshold (tons per year)	Meet or Exceed?	PSD Permit Threshold (tons per year)	Meet or Exceed?
PM	841.13			25.0	Yes
Fluorides	0.00			3.0	No
Sulfuric Acid Mist (H ₂ SO ₄)	43.77			7.0	Yes
Hydrogen Sulfide (H ₂ S)	0.00			10.0	No
Total Reduced Sulfur Compounds (including H ₂ S)	0.00			10.0	No
GHGs	7,700,680.57				
PSD-Only Pollutants	Emissions (megagrams per year)	Construction Permit Threshold (tons per year)	Meet or Exceed?	PSD Permit Threshold (megagrams per year)	Meet or Exceed?
Municipal Waste Combustor Organics	0.00E+00			3.20E-06	No
Municipal Waste Combustor Metals	0.00			14.0	No
Municipal Waste Combustor Acid Gases	0.00			36.0	No
Municipal Solid Waste Landfill Emissions	0.00			45.0	No



SECTION 8: APPLICABLE RULES AND REQUIREMENTS

PART A: Applicable Requirements of the LLCAPCRS

Applicable requirements for your source may include maintaining allowable stack opacity, maintaining allowable particulate emissions for the total given heat input, adhering to fugitive dust regulations, adhering to the process weight/particulate emissions rates, adhering to all construction permit conditions, etc. In the boxes below, check all of those requirements in the LLCAPCRS that may apply to your source, and identify the method by which you intend to demonstrate compliance with the requirement. If a requirement does not apply to your source, briefly explain the reason it does not apply.

Requirement Citation & Name	Does standard apply?	If "Yes", describe compliance method. If "No", explain reason it does not apply.
LLCAPCRS Article 2, Section 18: New Source Performance Standards (40 CFR Part 60)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Describe compliance with each applicable NSPS in Part B, below.
LLCAPCRS Article 2, Section 19: Prevention of Significant Deterioration (PSD) of Air Quality	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Application
LLCAPCRS Article 2, Section 20, paragraph (A) & Table 20-2: Process Weight Rate Particulate Emission Stds.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Application
LLCAPCRS Article 2, Section 20, paragraph (B) & Table 20-1: Heat Input Rate Particulate Emission Stds.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Application
LLCAPCRS Article 2, Section 20, paragraph (E): <20% Opacity of Visible Emissions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Application
LLCAPCRS Article 2, Section 22, paragraph (B): Particulate Emission Stds. for Incinerators & Burn-Ovens	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Application
LLCAPCRS Article 2, Section 22, paragraph (H): Standards for Air Curtain Incinerators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Application
LLCAPCRS Article 2, Section 22, paragraph (I): Standards for Pathological Material Incinerators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Application
LLCAPCRS Article 2, Section 23: Hazardous Air Pollutants - Emission Standards (40 CFR Part 61)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Describe compliance with each applicable HAP standard in Part B, below.
LLCAPCRS Article 2, Section 24: Sulfur Compound Emissions - Existing Sources - Emission Standards	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Application
LLCAPCRS Article 2, Section 25: Nitrogen Oxides - Emission Standards for Existing Stationary Sources	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Application
LLCAPCRS Article 2, Section 26: Acid Rain (40 CFR Parts 72 through 78)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Describe compliance with each applicable Acid Rain standard in Part B, below.
LLCAPCRS Article 2, Section 27: Hazardous Air Pollutants - Maximum Achievable Control Technology (MACT)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Describe compliance with each applicable standard in Part B, below.
LLCAPCRS Article 2, Section 28: MACT Emission Standards (40 CFR Part 63)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Describe compliance with each applicable MACT standard in Part B, below.
LLCAPCRS Article 2, Section 32: Dust - Duty to Prevent the Escape Of	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Application



APPLICATION COMPLETENESS CHECKLIST

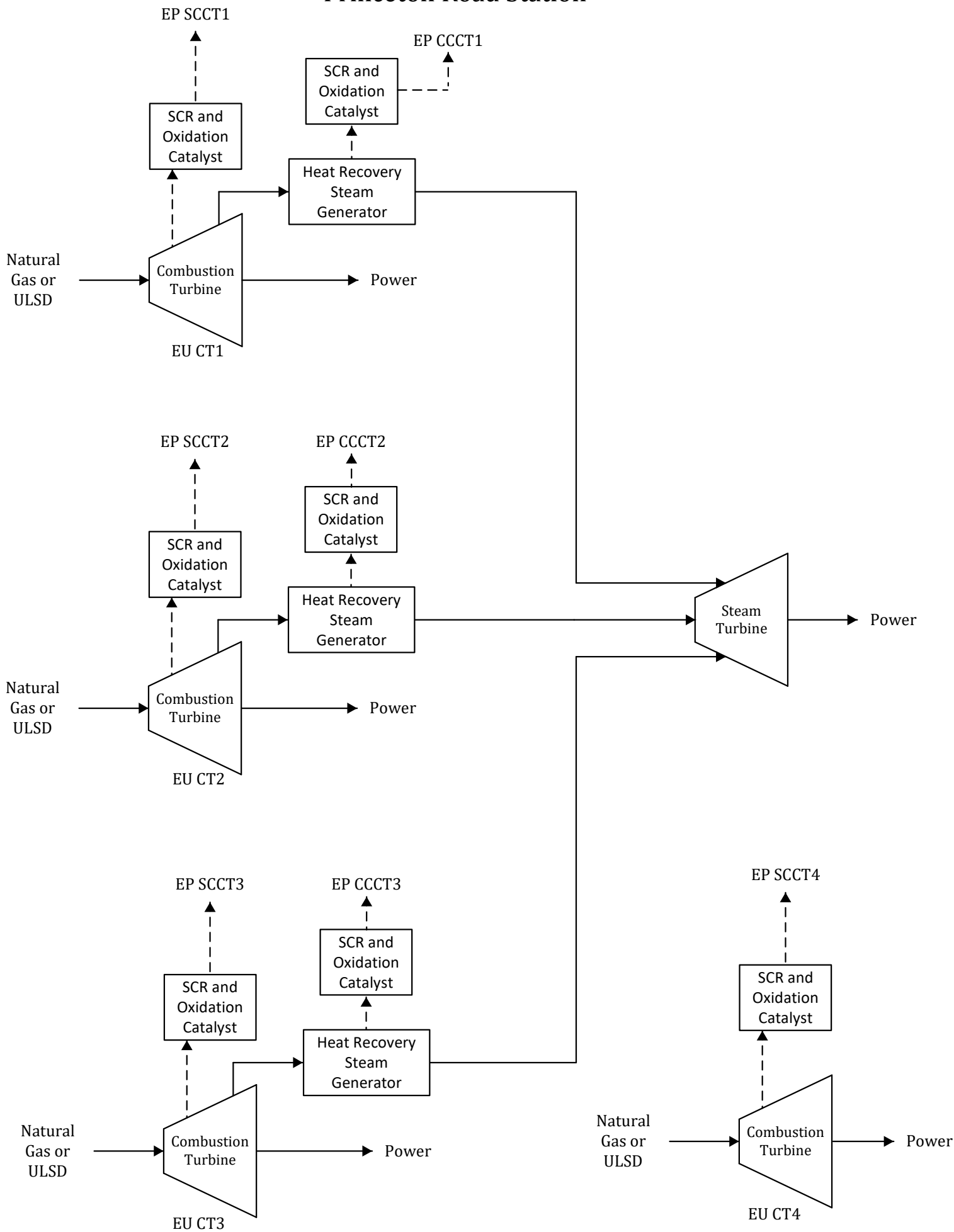
Does this application contain confidential information?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If "Yes" are application pages containing confidential data clearly marked?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or N/A
Continue with the remainder of the checklist.			
Will your source require a PSD construction permit?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
You must submit the original signed operating permit application, as well as two (2) additional signed copies of the permit application.			
Section Number & Name	Included With Application?	If not included, provide reason.	
Section 1: Administrative Information And Responsible Official Certification	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Section 2: Detailed Source Information	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Table 3-A: New/Modified/Reconstructed Emission Unit Identification	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Table 3-B: New/Modified/Reconstructed Stack / Release Point Information	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Table 4-A: Insignificant Activities List	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Table 4-B: Insignificant Lubricating and Heavy Oil Storage Information	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Table 4-C: Insignificant Cooling Towers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable	
Table 5-A: New/Modified/Reconstructed Emission Units MPTE – Regulated Air Pollutant Emissions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		



APPLICATION COMPLETENESS CHECKLIST

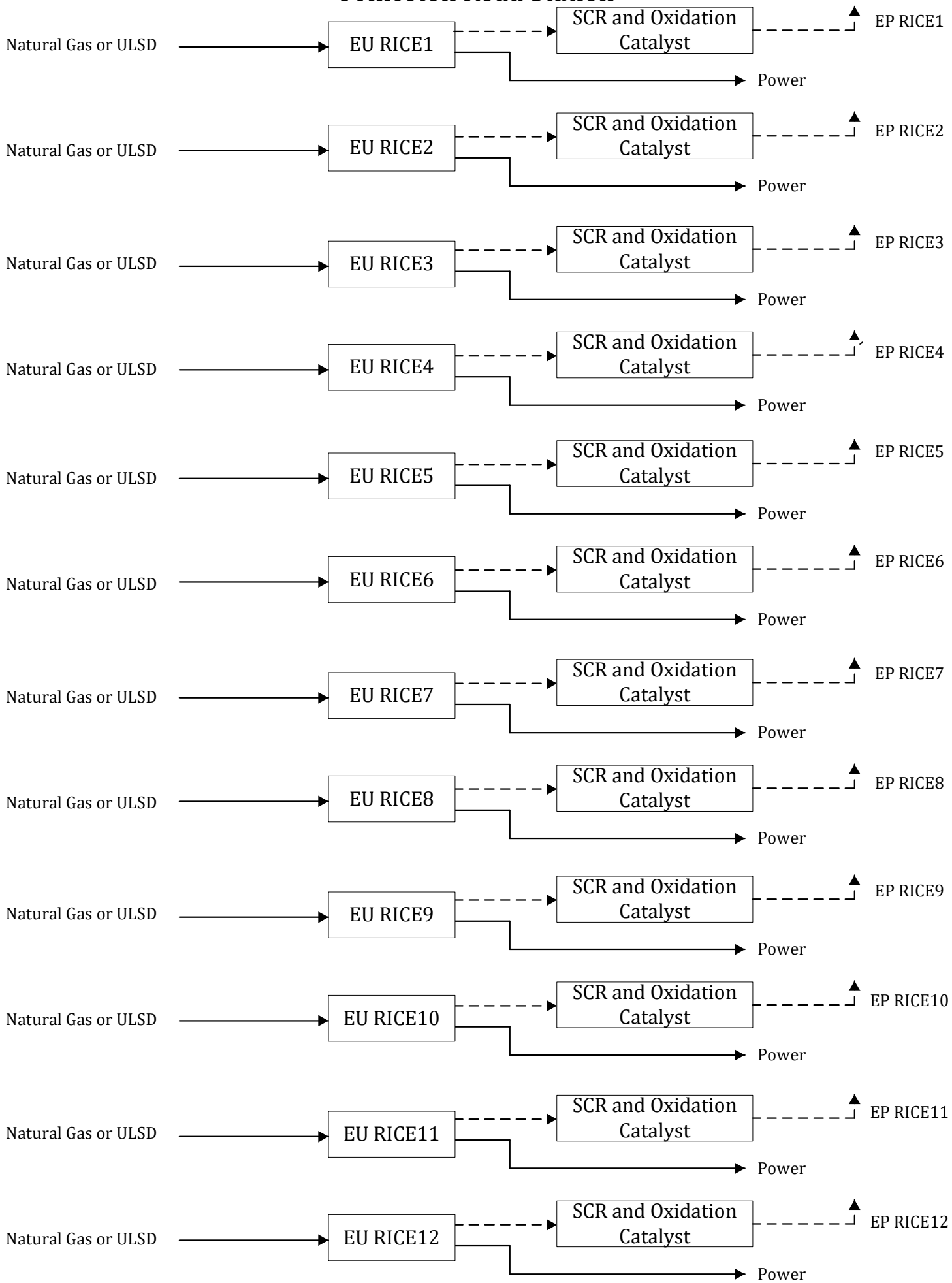
Table 5-B: New/Modified/Reconstructed Emission Units MPTE – VOC Emissions from VOC-Containing Materials	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable
Table 5-C: New/Modified/Reconstructed Emission Units - HAP Emissions from HAP-Containing Materials	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable
Table 5-D: New/Modified/Reconstructed Emission Units MPTE – PSD-Specific Pollutant Emissions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 5-E: Maximum Potential to Emit and Construction Permit Thresholds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Section 6: Construction Permit Determination	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 6-A: Source-Elected Throughput Limits and Emission Control Requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 6-B: Source-Elected Emission Limits	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 6-C: Source-Elected Emission Limits for PSD Pollutants	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 7-A: Facility-Wide APTE – Regulated Air Pollutant Emissions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 7-B: Facility-Wide APTE – VOC Emissions from VOC-Containing Materials	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 7-C: Facility-Wide APTE – HAP Emissions from HAP-Containing Materials	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 7-D: New/Modified/Reconstructed Emission Units APTE – PSD-Specific Pollutant Emissions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 7-E: Actual Potential to Emit and Construction Permit Thresholds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Section 8: Applicable Rules And Requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Section 9: Compliance Plan	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable
Table 9-A: Compliance Schedule	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable

Nebraska Public Power District Princeton Road Station



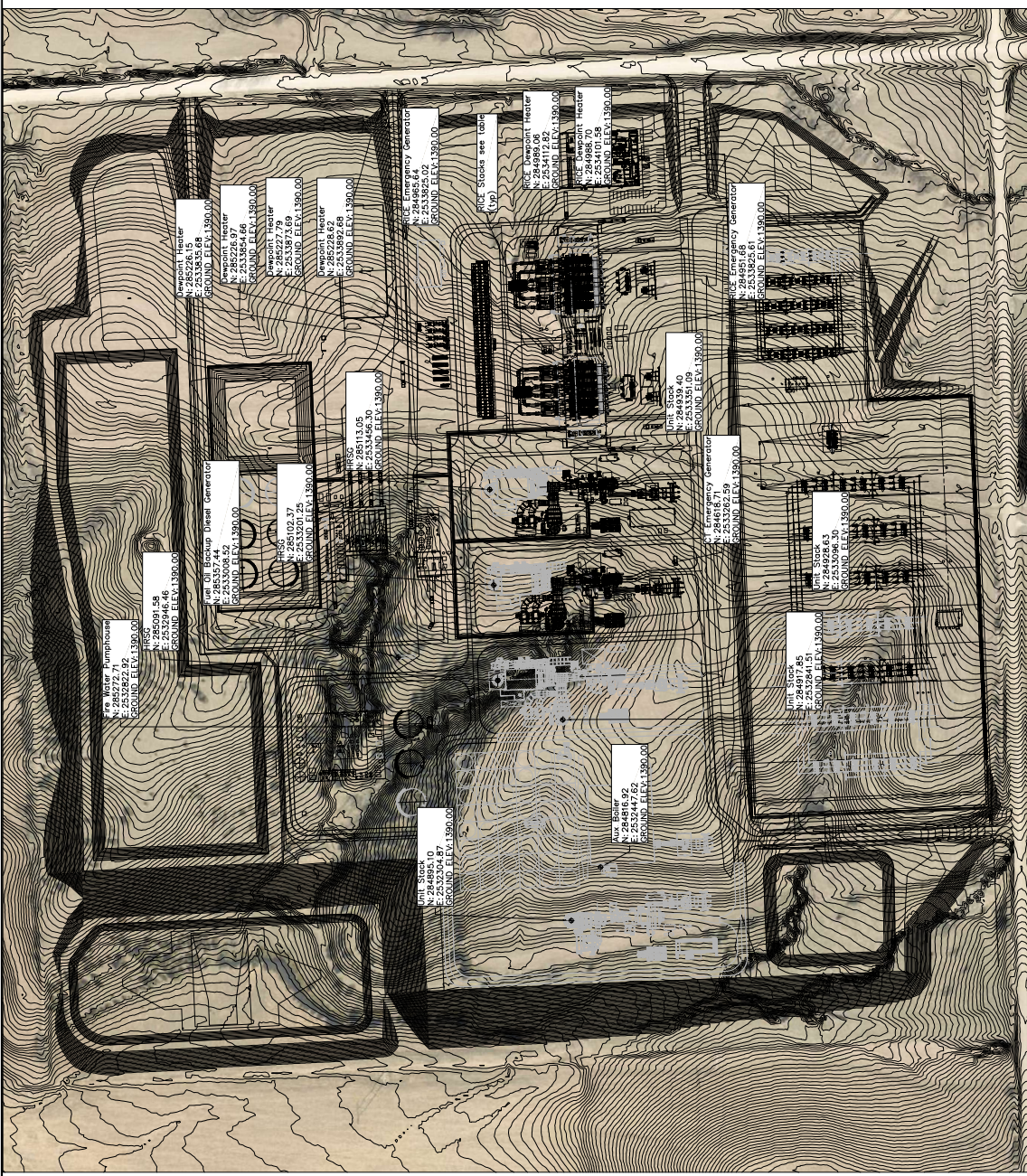
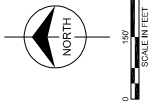
Nebraska Public Power District

Princeton Road Station



Point #	Description	Ground Elevation	Latitude	Longitude	Northing	Easting
1	Unit Stack	1390.00	N40° 34' 11.82"	W095° 47' 11.80"	28486.1004	2533264.8701
2	Unit Stack	1390.00	N40° 34' 11.80"	W095° 47' 10.84"	284917.8523	2533284.1313
3	Unit Stack	1390.00	N40° 34' 11.90"	W095° 47' 10.84"	284928.0500	2533304.0023
4	Unit Stack	1390.00	N40° 34' 11.67"	W095° 47' 14.25"	284930.3880	2533351.8895
5	HRSG	1390.00	N40° 34' 13.52"	W095° 47' 10.40"	285004.5833	2533294.6621
6	HRSG	1390.00	N40° 34' 13.54"	W095° 47' 08.09"	285102.3708	2533291.2504
7	HRSG	1390.00	N40° 34' 13.55"	W095° 47' 02.76"	285133.5534	2533466.9566
8	RICE Emergency Generator	1390.00	N40° 34' 11.90"	W095° 46' 55.00"	284985.6447	2533382.0180
9	RICE Emergency Generator	1390.00	N40° 34' 11.52"	W095° 46' 30.00"	284935.6772	2533382.0180
10	RICE Stack	1390.00	N40° 34' 12.67"	W095° 46' 55.00"	285054.2881	2533722.1775
11	RICE Stack	1390.00	N40° 34' 12.56"	W095° 46' 55.00"	285054.2881	2533722.1775
12	RICE Stack	1390.00	N40° 34' 12.56"	W095° 46' 55.00"	285054.2881	2533722.1775
13	RICE Stack	1390.00	N40° 34' 12.45"	W095° 46' 55.00"	285011.1743	2533723.1339
14	RICE Stack	1390.00	N40° 34' 12.45"	W095° 46' 55.00"	285011.1743	2533723.1339
15	RICE Stack	1390.00	N40° 34' 12.59"	W095° 46' 55.00"	285025.3071	2533711.8366
16	RICE Stack	1390.00	N40° 34' 12.69"	W095° 46' 55.00"	285046.2648	2533694.9190
17	RICE Stack	1390.00	N40° 34' 12.57"	W095° 46' 55.00"	285034.5537	2533696.3964
18	RICE Stack	1390.00	N40° 34' 12.49"	W095° 46' 55.00"	285025.3071	2533696.3964
19	RICE Stack	1390.00	N40° 34' 12.45"	W095° 46' 55.00"	285025.3071	2534007.2807
20	RICE Stack	1390.00	N40° 34' 12.59"	W095° 46' 55.00"	285046.2648	2534006.4446
21	RICE Stack	1390.00	N40° 34' 12.59"	W095° 46' 55.00"	285054.2881	2534006.4446
22	Dewpoint Heater	1390.00	N40° 34' 14.53"	W095° 46' 57.67"	285226.1470	2533836.8800
23	Dewpoint Heater	1390.00	N40° 34' 14.53"	W095° 46' 57.67"	285226.1470	2533836.8800
24	Dewpoint Heater	1390.00	N40° 34' 14.53"	W095° 46' 57.67"	285227.7044	2533870.0844
25	Dewpoint Heater	1390.00	N40° 34' 14.53"	W095° 46' 57.67"	285226.1470	2533892.0716
26	Fire Water Pumphouse	1390.00	N40° 34' 15.36"	W095° 47' 10.91"	285272.7138	2533822.6224
27	CT Emergency Generator	1390.00	N40° 34' 03.74"	W095° 47' 05.53"	28446.2762	2533362.8907
28	Aux Boiler	1390.00	N40° 34' 10.59"	W095° 47' 13.09"	284816.5172	2532447.9115
29	RICE Dewpoint Heater	1390.00	N40° 34' 12.08"	W095° 46' 54.34"	284882.0052	2534112.8208
30	RICE Dewpoint Heater	1390.00	N40° 34' 12.08"	W095° 46' 54.34"	284882.0052	2534101.5769
31	Fuel Oil Backup Diesel Generator	1390.00	N40° 34' 16.13"	W095° 47' 08.47"	285352.4440	2533866.5151

Note:
 Northing and Easting provided in US Foot.
 NAD83 Nebraska State Planes.



no.	date	by	chk	description
5	12/17/25	WRH	CNP	UPDATED GA LAYOUT.
4	8/18/25	WRH	CNP	UPDATED WARTSILA LAYOUT, MOVED RICE GENERATORS AND DEWPOINT HEATERS.
3	8/11/25	WRH	CNP	UPDATE LOCATION FUEL OIL DIESEL BACKUP GENERATOR
2	8/7/25	WRH	CNP	ADDED FUEL OIL DIESEL BACKUP GENERATOR

		AIR PERMIT EXHIBIT - GA ALT 2 PRINCETON ROAD STATION NEBRASKA PUBLIC POWER DISTRICT	
9000 WARD PARKWAY KANSAS CITY, MO 64114 816-333-9400 Burns & McDonnell Engineering Co., Inc. a registered firm providing engineering services		Project: 186688 Drawing: GA ALT 2 -- rev. 2 Sheet: of File: sheets	
designed by: W. BRSCH/HEIDREKSON/ W. BRSCH/HEIDREKSON checked by:		HALLAM, NEBRASKA	