Department of Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT APPLICATION FOR AIR PERMIT - LONG FORM

I. APPLICATION INFORMATION

Identification of Facility Addressed in This Application

300RL050008	* [] Unknown
_	
US 1 & Kings HWY County: Brevard	Zip Code : 32780-
	Existing Permitted Facility? [] Yes [] No
	US 1 & Kings HWY

I. Part 1 - 1

DEP Form No. 62-210,900(1) - Form



Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official:
Name: Gregory A. DeMuth
Title: Director, Environmental Division
2. Owner or Authorized Representative or Responsible Official Mailing Address :
Organization/Firm: Orlando Utilities Commission
Street Address: 500 Orange Ave.
City: Orlando
State: FL Zip Code: 32801-
3. Owner/Authorized Representative or Responsible Official Telephone Numbers :
Telephone :(407)423-9141 Fax : (407)236-9616
4. Owner/Authorized Representative or Responsible Official Statement :
I, the undersigned, am the owner or authorized representative* of the non-Title V sourc
Signature Date

I. Part 2 - 1

DEP Form No. 62-210.900(1) - Form

^{*} Attach letter of authorization if not currently on file.

Scope of Application

Emissions U	Jnit ID	Description of Emissions Unit	Permit Type
001	*	Boiler 1 +	
002	*	Boiler 2 +	
003	*	Boiler 3 +	
004	*	Combustion Turbine A +	
005	*	Combustion Turbine B +	
006	•	Combustion Turbine C +	
007	٠	Combustion Turbine D +	
08	•	Lime Storage Silo +	
No	•	Non-regulated Emissions - Exempt and Insignificant +	
No Id	*	Non-regulated Emissions - Significant +	

I. Part 3 - 1

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	stegory 1: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, A.C.
Tł	is Application for Air Permit is submitted to o
(X	nitial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.
[lnitial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.
	Current construction permit number :
[] Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source. Operation permit to be renewed:
í	1 Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application. Current construction permit number:
	Operation permit to be revised:
[1 Air operation permit revision or administrative correction for a Title V source to address one o more proposed new or modified emissions units and to be processed concurrently with the air construction permit application.
	Operation permit to be revised/corrected:

[Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit.
	Operation permit to be revised :
	Reason for revision:
	ategory II: All Air Operation Permit Applications Subject to Processing Under Rule210.300(2)(b), F.A.C.
Th	is Application for Air Permit is submitted to obtain :
I	Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.
	Current operation/construction permit number(s):
1	Renewal air operation permit under Fule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.
	Operation permit to be renewed:
[] Air operation permit revision for a synthetic non-Title V source.
	Operation permit to be revised :
	Reason for revision :

I. Part 4 - 2

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Category III: All Air Construction Permit Applications for All Facilities and Emissions Units
This Application for Air Permit is submitted to obtain:

[] Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any:

[] Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s):

[] Air construction permit for one or more existing, but unpermitted, emissions units.

1. Part 4 - 3

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Category IV: All Non-Federally Enforceable Air Operation
This Application for Air Permit is submitted to o
[] Initial air operation permit for one or more existing, but previously unpermitted, emissions units.
[] Initial air operation permit for one or more newly constructed or modified
Current construction permit number :
[] Air operation permit revision to address one or more newly constructed or modified emissions units.
Current construction permit number :
Operation permit to be revised :
[] Air operation permit renewal.
Operation permit to be renewed:

1. Part 4 - 4

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Application Processing Fee Check one: [] Attached - Amount : \$0.00 [X] Not Applicable. Construction/Modification Information 1. Description of Proposed Project or Alterations : Indian River Plant 2. Projected or Actual Date of Commencement of Construction : 3. Projected Date of Completion of Construction : Professional Engineer Certification 1. Professional Engineer Name : G. Preston Lewis, P.E. Registration Number : 41755 2. Professional Engineer Mailing Address: Organization/Firm: ENSR Street Address: P.O. Box 13206 State: FL Zip Code: 32317-3206 City: Tallahassee

Fax: (904)385-5457

I. Part 5 - 1

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3. Professional Engineer Telephone Numbers :

Telephone: (904)385-0808

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 Professional Engineer Stateme 	nent	tatemen	Engineer St	ofessional	4.
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1. the undersigned, hereby certified, except as particularly noted herein*, that:

- (1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions mit(s) and the air pollutant control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection: and
- (2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [
] if so), I further certify that each emissions unit described in this Application for Air Permit,
when properly operated and maintained, will comply with the applicable requirements identified
in this application to which the unit is subject, except those emissions units for which a
compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [] if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

Signature	Date
(seal)	

I. Part 6 - 1

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* Attach any exception to certification statement.

I. Part 6 - 2

DEP Form No. 62-210,900(1) - Form

Application Contact

1. Name and Title of Application Contact :

Name: Robert F. Hicks

Title: Senior Environmental Engineer

2. Application Contact Mailing Address :

Organization/Firm: Orlando Utilities Commission

Street Address : 500 South Orange Avenue

City: Orlando

State: FL

Zip Code: 32802-3193

3. Application Contact Telephone Numbers :

Telephone: (407)423-9100

Fax: (407)236-9616

Application Comment

Alternate Contacts for the Application:

Preston Lewis, P.E. (904) 385-0808 Barry Andrews, P.E. (205) 767-1210

I. Part 8 - 1

DEP Form No. 62-210.900(1) - Form

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility, Location, and Type

1. Facility UTM Coordin	nates : East (km) :	521.50	North (km):	3151.60	
2. Facility Latitude/Lon	gitude :				
Latitude (DD/MM/SS)	: 28 29	32 L	Longitude (DD/MM/SS) :	80 46	59
3. Governmental	4. Facility Stat	us	5. Facility Major	6. Facility	SIC(s):
Facility Code:	Code:		Group SIC Code:		
4	A		49 +		_
7. Facility Comment :					
Electric Power Plant.					
DEP Facility Comment					
					+

Facility Contact

1. Name and Title of F	acility Contact :		_		
Robert F. Hicks Senior Environmental	Engineer				
2. Facility Contact Ma	iling Address :				
Organization/Firm:	Orlando Utilities Commiss	sion			
Street Address	500 South Orange Avenue				
			G		
City:	Orlando		State: FL	Zip Code:	32802
3. Facility Contact Te	lephone Numbers :				
		F	(407)206 0616		
Telephone: (407)	423-9100	rax:	(407)236-9616		

II, Part 1 - 1

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Facility Contact

1. Name and Title of Facility Contact:

Name: Robert F. Hicks

Title: Senior Environmental Engineer

2. Facility Contact Mailing Address:

Organization/Firm: Orlando Utilities Commission Street Address: 500 South Orange Avenue
City: Orlando

State: FL

Zip Code: 32802-___

3. Facility Contact Telephone Numbers :

Telephone: (407)423-9100

Fax: (407)236-9616

II. Part 2 - 1

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Facility Regulatory Classifications

Small Business Stationary Source?	N
2. Title V Source?	Y
3. Synthetic Non-Title V Source?	N
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	Y
5. Synthetic Minor Source of Pollutants Other than HAPs?	N
Major Source of Hazardous Air Pollutants (HAPs)?	Y
7. Synthetic Minor Source of HAPs?	N
8. One or More Emissions Units Subject to NSPS?	Y
9. One or More Emission Units Subject to NESHAP?	N
10. Title V Source by EPA Designation?	Y
11. Facility Regulatory Classifications Comment :	
Ozone SIP Facility :	+
Annual Operating Report Required :	+

II. Part 2 - I

DEP Form No. 62-210.900(1) - Form

Property Boundary					
UTM Coordinates :					
Zone :	+ East :	km	+ North:	km +	.
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Building Identification			
Identification of Building on	Plot Plan or Flow Diagram :		
	+		
Building Height :	FT +		

II. Part 4 - 1

Building Boundary				
UTM Coordinates : Zone	+ East:	km +	North:	km +
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B. FACILITY REGULATIONS Rule Applicability Analysis

II. Part 3a - 1

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B. FACILITY REGULATIONS

List of Applicable Regulations

Title V Core List of Rules dated 3-25-1996

II. Part 3b - 1

DEP Form No. 62-210.900(1) - Form Effective : 3-21-96

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
СО	
РВ	
NOX	
PM	
PM10	
SO2	
voc	
HCL	
Н095	
H014	
Н015	
H027	
H162	

II. Part 4 - 1

DÉP Form No. 62-210.900(1) - Form

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C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
H046	
Н047	
Н113	
H114	
Н133	
H021	
SAM	
Н148	

II. Part 4 - 2

DEP Form No. 62-210,900(1) - Form

Facility Pollutant Information	PollutantI	
1. Pollutant Emitted CO		
-		
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
	(los llost)	(tons) car)
3. Basis for Emissions Cap		
Code :		
4. Facility Pollutant Comment :		
None.		
		•
	T Dort Ab . I	

II. Part 4b -

DEP Form No. 62-210.900(1) - Form

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D. FACILITY POLLUTANT DETAIL INFORMATION

Pollutant Emitted PB		
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
B. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment :		_
None.		

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Facility Pollutant Information	Pollutant 3	
1. Pollutant Emitted NOX		
:		
2. Requested Emissions Cap :		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap		
Code:		•
4. Facility Pollutant Comment :		
None.	•	
*		
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	II. Part 4b - 3	

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D. FACILITY POLLUTANT DETAIL INFORMATION

Pollutant Emitted PM		
2. Requested Emissions Cap :		
•	(lbs/hour)	(tons/year)
	•	
3. Basis for Emissions Cap		
Code :		
Facility Pollutant Comment :		
None.		
•		
		•

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Facility Pollutant Information	Pollutant 5	
1. Pollutant Emitted PM10		
:		
2. Requested Emissions Cap:	(II A)	<i>(</i> , <i>, , , , , , , , , </i>
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap		
Code:		•
4. Facility Pollutant Comment :		
None.		
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	II. Part 4b - 5	

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D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information	Pollutant6	
1. Pollutant Emitted SO2		
:		
2. Requested Emissions Cap:		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment :		
None.		
None.		
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1		
	I Part 4h - 6	

11, 1

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Facility Pollutant Information	Pollutant 7	
T. Pollutant Emitted VOC		
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment :		
None.		
	•	
	II. Part 4b - 7	

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D. FACILITY POLLUTANT DETAIL INFORMATION

Dollutant Emitted		
1. Pollutant Emitted HCL		
2. Requested Emissions Cap:		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment :		
4. Pacinty Pondiant Comment.		
None.		

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Facility Pollutant Information	Pollutant 9	
T. Pollutant Emitted H095		
:		
2. Requested Emissions Cap:	(1) (1)	
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment :		
None.		
		•
	II. Part 4b - 9	

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D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information	Pollutant10	
Pollutant Emitted H014 :		
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment :		
None.		
	II. Part 4b - 10	

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Facility Pollutant Information	Pollutant	 •
1. Pollutant Emitted Ho15		
:		
2. Requested Emissions Cap :		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment:		
None.		
,		
	. Part 4b - 11	

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D. FACILITY POLLUTANT DETAIL INFORMATION

. Pollutant Emitted H027		
2. Requested Emissions Cap:	(lbs/hour)	(tons/year)
		,
3. Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment:		
None.		
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		•

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Facility Pollutant Information	Pollutant 13	
I. Pollutant Emitted H162		
:		
2. Requested Emissions Cap:		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment:		
None.		
	II. Part 4b - 13	

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D. FACILITY POLLUTANT DETAIL INFORMATION

1. Pollutant Emitted H046 2. Requested Emissions Cap: (lbs/hour) 3. Basis for Emissions Cap Code: 4. Facility Pollutant Comment: None.	
(lbs/hour) 3. Basis for Emissions Cap Code: 4. Facility Pollutant Comment:	
Code : 4. Facility Pollutant Comment :	(tons/year)
None.	
	·

II. Part 4b - 14

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Facility Pollutant Information	Pollutant 15	
1. Pollutant Emitted H047		
:		
2. Requested Emissions Cap:	(15 - 76)	(4)
	(lbs/hour)	(tons/year)
Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment:		
None.		
		•
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	II Part 4b - 15	

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D. FACILITY POLLUTANT DETAIL INFORMATION

I. Pollutant Emitted H113		
1. Politian Elinited H113		
2. Requested Emissions Cap :		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment :	W -	
None.		
	-	
	•	
	II. Part 4b - 16	

Facility Pollutant Information	Pollutant17	
1. Pollutant Emitted H114		
:		
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
	(los/llow)	(tons) (a)
3. Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment :		
None.		
•		
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	II. Part 4b - 17	

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D. FACILITY POLLUTANT DETAIL INFORMATION

I. Pollutant Emitted H133		
Н 1 голиши 2 иниос Н 133		
2. Requested Emissions Cap :		
z. Requested Emissions Cap :	(lbs/hour)	(tons/year)
	(((01125)
3. Basis for Emissions Cap		
Code:	·	
4. Facility Pollutant Comment :		
None.		
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Facility Pollutant Information	Pollutant 19	
I. Pollutant Emitted H021		
:		
2. Requested Emissions Cap :	•	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap		
Code:		
4. Facility Pollutant Comment :		
None.		
	•	
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•		
	•	
	II. Part 4b - 19	

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D. FACILITY POLLUTANT DETAIL INFORMATION

. Pollutant Emitted SAM	<u> </u>	
SAM		
2. Requested Emissions Cap :		
requested Emissions Cup .	(lbs/hour)	(tons/year)
Basis for Emissions Cap		
Code:		
To all the Balletant Community		
4. Facility Pollutant Comment :		
None.		

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Facility Pollutant Information	Pollutant 21	
1. Pollutant Emitted H148	<u> </u>	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment:		
None.		
	I. Part 4b - 2I	

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E. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

I. Area Map Showing Facility Location :	Figure I
2. Facility Plot Plan :	Figure 2
3. Process Flow Diagram(s):	Figures 3 - 10
4. Precautions to Prevent Emissions of Unconfined Particulate Matter :	NA
5. Fugitive Emissions Identification :	Appendix A
6. Supplemental Information for Construction Permit Application :	NA

Additional Supplemental Requirements for Category I Applications Only

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7. List of Proposed Exempt Activities :	Appendix B
8. List of Equipment/Activities Regulated under Title VI:	Appendix M
9. Alternative Methods of Operation :	Appendix C
10. Alternative Modes of Operation (Emissions Trading) :	NA
11. Identification of Additional Applicable Requirements :	
12. Compliance Assurance Monitoring Plan :	NA
13. Risk Management Plan Verification :	NA
14. Compliance Report and Plan :	Appendix D
15. Compliance Certification (Hard-copy Required) :	Appendix E

ll. Part 5 - 1

DEP Form No. 62-210.900(1) - Form

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A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 1
Boiler I +
Type of Emissions Unit Addressed in This Section
1. Regulated or Unregulated Emissions Unit? Checkeone:
[] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.
 Single Process, Group of Processes, or Fugitive Only? Check one: This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent). This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions. This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 1

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III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 2
Boiler 2 +
Type of Emissions Unit Addressed in This Section
1. Regulated or Unregulated Emissions Unit? Checkeone:
[] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
[] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.
2. Single Process, Group of Processes, or Fugitive Only? Check one :
[] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
[] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 2

DEP Form No. 62-210.900(1) - Form

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissio	ons Unit Information Section 3
Boiler 3	•
Type of	Emissions Unit Addressed in This Section
1. Regu	alated or Unregulated Emissions Unit? Check one:
[]	The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
[]	The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.
2. Sing	le Process, Group of Processes, or Fugitive Only? Check one:
[]	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
[]	This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
[]	This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 3

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III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emission	ns Unit Information Section 4
Combusti	on Turbine A +
Type of	Emissions Unit Addressed in This Section
1. Regul	ated or Unregulated Emissions Unit? Checktone:
[]	The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
	The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.
2. Single	e Process, Group of Processes, or Fugitive Only? Check one:
[]	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
[]	This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
[]	This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce furilive emissions only.

III. Part 1 - 4

DEP Form No. 62-210.900(1) - Form

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissio	ons Unit Information Section 5
Combus	tion Turbine B +
Type of	Emissions Unit Addressed in This Section
I. Regu	alated or Unregulated Emissions Unit? Check one:
[]	The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
[]	The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.
2. Sing	le Process, Group of Processes, or Fugitive Only? Check one:
[]	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
[]	This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
[]	This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 5

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III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissio	ons Unit Information Section 6					
Combust	ion Turbine C +					
Type of	Emissions Unit Addressed in This Section					
1. Regu	alated or Unregulated Emissions Unit? Checkeone:					
[]	The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.					
[.]	[.] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.					
2. Singl	le Process, Group of Processes, or Fugitive Only? Check one:					
~						
[]	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).					
[]	This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.					
[]	This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.					

III. Part 1 - 6

DEP Form No. 62-210.900(1) - Form

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 7
Combustion Turbine D +
Type of Emissions Unit Addressed in This Section
1. Regulated or Unregulated Emissions Unit? Check one:
[] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.
2. Single Process, Group of Processes, or Fugitive Only? Check one:
This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 7

DEP Form No. 62-210.900(1) - Form Effective: 3-21-96

III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 8
Lime Storage Silo +
Type of Emissions Unit Addressed in This Section
1. Regulated or Unregulated Emissions Unit? Check one :
[] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
[] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.
2. Single Process, Group of Processes, or Fugitive Only? Check one :
This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
[] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 8

DEP Form No. 62-210.900(1) - Form

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Non-regulated Emissions - Exempt and Insignifcant +
Type of Emissions Unit Addressed in This Section
1. Regulated or Unregulated Emissions Unit? Check one:
[] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
[] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.
2. Single Process, Group of Processes, or Fugitive Only? Check one: [] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent). [] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions. [] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 9

DEP Form No. 62-210.900(1) - Form

Effective : 3-21-96

III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 10
Non-regulated Emissions - Significant +
Type of Emissions Unit Addressed in This Section
1. Regulated or Unregulated Emissions Unit? Check one:
[] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
[] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.
2. Single Process, Group of Processes, or Fugitive Only? Check one :
[] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 10

DEP Form No. 62-210.900(1) - Form

Description of Em Boiler 1	issions U	nit Addre	essed in T	his:	Section	: *			
Description of Emission Boiler 1	ons Unit fo	or AIRS T	racking:	+					
2. Emissions Unit Id			er: 001		* f	1 11.	nknown		
3. Emissions Unit	respondin		· I D .	_	ί] 01	T		
Status		Unit	cid Rain				5. Emissions Unit Major	Г	
Code :	Α	9404	[Yes	[] No	*	Group SIC Code :	49	+
, ,									
DEP Emissions Unit (Comment :		nbers for	Fee I	Purpose	es :			
DEP Emissions Unit (Similar-Emissions Un	Comment :		nbers for	Fee I	Purpose	s :			
Emissions Unit C DEP Emissions Unit C Similar-Emissions Un 0 +	Comment :		nbers for	Fee I	Purpose	s:			
DEP Emissions Unit (Comment :		nbers for	Fee I	Purpose	·s:			
DEP Emissions Unit (Comment :		nbers for	Fee I	Purpose	·s:			
DEP Emissions Unit (Similar-Emissions Un	Comment :		nbers for	Fee I	Purpose	s:			
DEP Emissions Unit (Similar-Emissions Un	Comment :		nbers for	Fee I	Purpose	·s:			

Emissions Unit Information Section 1

Emissions Unit Information Section 2

B. GENERAL EMISSIONS UNIT INFORMATION (Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Em	izaiaaz	I Init	Addressed in T	hia C	antian			\neg
1. Description of Em	issions	UIIR	Addressed in 1	ms 3	еспон	*		
Boiler 2								
Description of Emission	ons Unit	for A	IRS Tracking:	+				
Boiler 2								
2. Emissions Unit Id	entifica	tion l	Number: 002		*			
No Con	respond	line I	D		ſ	1 U	nknown	
1 1.000	гозроно	6 -	7			1 0.		
3. Emissions Unit			4. Acid Rain				5. Emissions Unit Major	-
Status			Unit?				J. Elinssions Officiviajor	
		_	Majorina Project Committee	r	1 M-		C-av- SYC Cada . 40	
Code:	A	-	[X] Yes	ı] No	W	Group SIC Code: 49	+
6. Emissions Unit C	ommen	· ·						-
Boiler 1 and Boiler			to common stack					
Doller I alle Doller	. Z exna	ust iiti	io common stack					
DEP Emissions Unit Comment :								
DEF EMISSIONS UNIT COMMINENT.								
Similar-Emissions Un	it Identi	ficatio	on Numbers for F	ee P	urpose	s:		
0 +					-			
								- 1

III. Part 2 - 2

DEP Form No. 62-210.900(1) - Form

Description of En Boiler 3	missions Uni	t Addressed in This	Section: .		
Description of Emiss Boiler 3	ions Unit for	AIRS Tracking : +			
2. Emissions Unit 1	Identification orresponding		• [] U	Inknown	
3. Emissions Unit		4. Acid Rain Unit?		5. Emissions Unit Maj	or
Status Code :	Α •] No *	Group SIC Code :	49 +
Similar-Emissions U 0 +	nit Identifica	ion Numbers for Fee	Purposes :		

Emissions Unit Information Section 3

Emissions Unit Information Section	4
	EMISSIONS UNIT INFORMATION and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit	Addressed in This Section : .							
Combustion Turbine A								
Description of Emissions Unit for A Combustion Turbine A	AIRS Tracking: +							
2. Emissions Unit Identification	Number: 004 *							
[] No Corresponding I	D [] U	nknown						
3. Emissions Unit	4. Acid Rain	5. Emissions Unit Major						
Status	Unit?							
Code: A *	[] Yes [X] No *	Group SIC Code: 49 +						
6. Emissions Unit Comment: 35 MW Generator Nameplate Rating for each GE combustion turbine.								
DEP Emissions Unit Comment :								
Similar-Emissions Unit Identification 0 +	on Numbers for Fee Purposes :							

III. Part 2 - 4

DEP Form No. 62-210.900(1) - Form

1. Description of E	missions	Unit	Addressed in T	his Section	n: 🛖	
Combustion Turb	ine B					
Description of Emiss Combustion Tur		it for A	AIRS Tracking:	+		
2. Emissions Unit	Identific	ation	Number: 005	*		
[] No Co	rrespon	ding I	D	[] Ur	nknown
3. Emissions Unit			4. Acid Rain			5. Emissions Unit Major
Status			Unit?			1
Code:	Α	*	[] Yes	[X] No	•	Group SIC Code: 49
6. Emissions Unit						
35 MW Generato	r Namep	late R	ating for each Gl	E combusti	on turb	ine.
DEP Emissions Unit	Comme	nt:				
Similar-Emissions U	nit Ident	ification	on Numbers for I	ee Purpos	es ;	
0 +						

B. GENERAL EMISSIONS UNIT INFORMATION

(Regulated and Unregulated Emissions Units)

III. Part 2 - 5

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 5

Effective: 3-21-96

Emissions	Unit Information Sec	tion
r.missions	Unit information Sec	ction

B. GENERAL EMISSIONS UNIT INFORMATION (Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1 Description of Em	issions	IInit	Addragged in T	hia C	laction		
1. Description of Em		Umi .	Addressed III T	IIIS S	section	•	
Combustion Turbin	ie C						
Description of Emission Combustion Turb		for A	IRS Tracking:	+			
2. Emissions Unit Id	lentifica	tion 1	Number: 006				· ·
[] No Con					[] U	nknown
3. Emissions Unit			4. Acid Rain				5. Emissions Unit Major
Status			Unit?				
Code:	Α	*	[X] Yes	[] No	*	Group SIC Code: 49 +
					-		
6. Emissions Unit C	ommen	t:	I				
DEP Emissions Unit (Commen	ıt:					
Similar-Emissions Un 0 +	it Identi	ficatio	on Numbers for I	ee P	urpose	s :	

III. Part 2 - 6

DEP Form No. 62-210.900(1) - Form

1. Description of E	nissions Uni	Addressed in Ti	his Sec	tion	: *	
Combustion Turbi	ne D					
Description of Emiss		AIRS Tracking:	+			
Combustion Turl	oine D	•				•
2. Emissions Unit l	dentification	Number: 007		*		
[] No Co	rresponding	ID		Į] U	nknown
3. Emissions Unit		4. Acid Rain				5. Emissions Unit Major
Status		Unit?				
Code:	A *	[X] Yes	l I	No	•	Group SIC Code: 49
6. Emissions Unit	Comment :					<u> </u>
DEP Emissions Unit	Comment:					
Similar-Emissions U	nit Identificat	ion Numbers for F	ee Pur	poses	::	
0 +						

B. GENERAL EMISSIONS UNIT INFORMATION

III. Part 2 - 7

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 7

Effective: 3-21-96

Emissions	Linit	Inform	ation	Section

B. GENERAL EMISSIONS UNIT INFORMATION (Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emi	issions I	Init	Addresse	d in T	his Se	ction	٠.	
Lime Storage Silo	3310113 C	, 1111	10010330	~ I	1113 50	Cuon	•	
Line Storage Sho								
Description of Emissio	ns Unit f	for A	IRS Trac	king :	+			
Lime Storage Silo								
2. Emissions Unit Ide	entificati	on l	Number :	00		_		· ·
No Corr				08		ī	1 11	nknown
[] No con	cspondi	ng n	,			ι	10	likilowii
3. Emissions Unit			4. Acid	Rain				5. Emissions Unit Major
Status			Unit?					S. Estissions ont Major
Code:	Α	*	[]	Yes	[X]	No	•	Group SIC Code: 49 +
6. Emissions Unit Co	mment	:						
DEP Emissions Unit Comment :								
Similar-Emissions Uni	t Identifi	catio	n Numbe	rs for	Fee Pu	mose	s ·	
0 +						Pose		

III. Part 2 - 8

DEP Form No. 62-210,900(1) - Form

Emissions Unit Inform	nation Sec	tion 9	_			
1		RAL EMISSIC				
Emissions Unit Descri	iption and	Status				
Description of Emission-regulated Emission Description of Emission Non-regulated Emis	ions - Exem s Unit for A	pt and Insignifes JRS Tracking:	unt +	: •		
Emissions Unit Iden No Corre	ntification i	Number: No	*] Un	ıknown	
3. Emissions Unit Status		4. Acid Rain Unit?			5. Emissions Unit Major	
Code:	A *		[X] No	*	Group SIC Code: 49	4
6. Emissions Unit Cor	nment :					
					Unregulated	

III. Part 2 - 9

DEP Form No. 62-210.900(1) - Form

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Non-regulated emission points believed to be exempt, presumed exempt or insignifiaent: Painting for maintenance purposes Bead Blasting Welding Lube oil reservoir vents Soot cleanout from boilers CEM equipment Laoratory hood Water treatment process (Cl emissions < 10 tpy) Waste water effluent Routine maintenance activities other than painting Oil/Water separators (2) Painting for construction purposes Propane tank Transformers Valve stations Percolation Ponds Barge No. 6 fuel unloading Fuel Oil tanks 1,2 and 3 Light Oil tanks 1 and 2 and fuel pump Parts washers Generator venting Natural gas safety vavles DEP Emissions Unit Comment : Similar-Emissions Unit Identification Numbers for Fee Purposes : 0

III. Part 2 - 10

DEP Form No. 62-210.900(1) - Form

(Regulated and Unregulated Emissions Units)	
Emissions Unit Description and Status	
Description of Emissions Unit Addressed in This Section: Non-regulated Emissions - Significant Description of Emissions Unit for AIRS Tracking: Non-regulated Emissions - Significant	
2. Emissions Unit Identification Number : [X] No Corresponding ID [] Unknown	
3. Emissions Unit Status 4. Acid Rain Unit? 5. Emissions Unit Major Unit? 6. Code: A * [] Yes [X] No * 6. Group SIC Code: 49	_
6. Emissions Unit Comment: Non-regulated emissions - Significant:	_
Paved roads Unpaved roads DEP Emissions Unit Comment:	

B. GENERAL EMISSIONS UNIT INFORMATION

III. Part 2 - 11

DEP Form No. 62-210.900(1) - Form

Similar-Emissions Unit Identification Numbers for Fee Purposes :

Emissions Unit Information Section

Effective: 3-21-96

Fugitive S/

Emissions Unit Information Section Combustion Turbine A	4
Emissions Unit Control Equipment	1
1. Description :	
Water Injection to control NOx Emission	s.
Control Device or Method Code :	28 * N.T.
	steam or water lighting

Emissions Unit Information Section Combustion Turbine B	5
Emissions Unit Control Equipment	<u> </u>
1. Description :	
Water Injection to control NOx emissions.	
Control Device or Method Code :	28 * () #
	Steam or Water Tajection

III. Part 3 - 1

DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

111. Part 3 - 2

DEP Form No. 62-210.900(1) - Form

Combustion Turbine C	
Emissions Unit Control Equipment	1
1. Description :	
Water injection to control NOx emission	ons.
2. Control Device or Method Code :	28 * W. W. W.
	Hear war worker

Emissions Unit Information Section
Combustion Turbine C

Emissions Unit Control Equipment 2

1. Description:
Baffles for noise emission control.

2. Control Device or Method Code: 78

III. Part 3 - 3

DEP Form No. 62-210.900(1) - Form

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III. Part 3 - 4
DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Combustion Turbine D	
Emissions Unit Control Equipment 1	·
1. Description :	
Water injection to control NOx emissions.	
2. Control Device or Method Code :	Green or water

Emissions Unit Control Equipment	2
1. Description :	
Baffles to control noise emissions.	
2. Control Device or Method Code :	& Hie
	γ • · · · · · · · · · · · · · · · · · ·

Emissions Unit Information Section 7

Combustion Turbine D

III. Part 3 - 5

DEP Form No. 62-210.900(1) - Form

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III. Part 3 - 6

DEP Form No. 62-210.900(1) - Form

Baghouse made by General Resource Corporation, Model 13204.8.	ime Storage Silo missions Unit Control Equipment	4		
Baghouse made by General Resource Corporation, Model 13204.8.	. Description ;			
	Baghouse made by General Resource	Corporation, Mod	el 13204.8.	

III. Part 3 - 7

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Effective: 3-21-96

Line Storage Baghouse

Initial Startup Date :	0	1-Feb-1960	
. Long-term Reserve Shutdown Date	te:		
Package Unit : Manufacturer : Combustion Engin	eering Stea	am Generator	Model Number :
Generator Nameplate Rating :	87	MW	
Incinerator Information: Dwell Temperatur Dwell Tim ncinerator Afterburner Temperatur nissions Unit Type Code: 2006 SIP Base Emissions Unit:	ne:		Degrees Fahrenheit Seconds Degrees Fahrenheit
	•		
missions Unit Operating Capacity		· · · · · · · · · · · · · · · · · · ·	
	866	mmBtu/hr	
. Maximum Heat Input Rate :		mmBtu/hr	tons/day
. Maximum Heat Input Rate :	866		tons/da
missions Unit Operating Capacity Maximum Heat Input Rate: Maximum Incinerator Rate: Maximum Process or Throughput Maximum Production Rate:	866		tons/dag
. Maximum Heat Input Rate : . Maximum Incinerator Rate : . Maximum Process or Throughput	866		tons/day
Maximum Heat Input Rate : Maximum Incinerator Rate : Maximum Process or Throughput Maximum Production Rate : Operating Capacity Comment : Permit Restrictions: Bru Oil = 832.2 MMBtu/hr	866 :		tons/day

Requested Maximum Operating Schedule : 24 hours/day 50 weeks/year

7 days/week 8,400 hours/year

limited hours



III. Part 4 - 2

DEP Form No. 62-210.900(1) - Form

2

Emissions Unit Information Section

Boiler 2

. Initial Startup Date :	01-Sep-1964	
. Long-term Reserve Shutdown Date :		
. Package Unit : Manufacturer : Combustion Engineering	ng Steam Generator Mo	del Number :
. Generator Nameplate Rating :	188 MW	
Incinerator Information :	9	Degrees Fahrenheit Seconds Degrees Fahrenheit
nissions Unit Operating Capacity		
. Maximum Heat Input Rate : 23	149 minBtu/hr	
Maximum Incinerator Rate:	lb/hr	tons/day
Maximum Process or Throughput Rat	e :	
Maximum Production Rate :		
. Operating Capacity Comment : Permit Restrictions: Btu Oil = 2016.5 MMBtu/hr Btu Gas = 2248.7 MMBtu/hr		
missions Unit Operating Schedule		
	I. Part 4 - 3	

Requested Maximum Operating Schedule :

24 hours/day 7 days/week
50 weeks/year 8,400 hours/year

III. Part 4 - 4

DEP Form No. 62-210.900(1) - Form

3

01-Feb-1974

Emissions Unit Information Section

Emissions Unit Details

1. Initial Startup Date:

Boiler 3

2. Long-term Reserve Shutdown Da	te:		
Package Unit : Manufacturer : Combustion Engir	eering Steam	Generator	Model Number :
4. Generator Nameplate Rating:	328	MW	
5. Incinerator Information : Dwell Temperatur	·e :		Degrees Fahrenheit
Dwell Tin			Seconds
Incinerator Afterburner Temperatur	e :		Degrees Fahrenheit
Emissions Unit Type Code:	19 +		
Ozone SIP Base Emissions Unit:	+		
Emissions Unit Operating Capacity			
1. Maximum Heat Input Rate :	3208	mmBtu/hr	
2. Maximum Incinerator Rate :		lb/hr	tons/day
3. Maximum Process or Throughput	Rate:		
4. Maximum Production Rate :			
5. Operating Capacity Comment : Permit Restrictions: Btu Oil = 3048.8 MMBtu/hr			
Btu Gas = 3208.5 MMBtu/hr			
Emissions Unit Operating Schedule	<u> </u>		
	-		- .
L	III. Part 4	- 5	
DEP Form No. 62-210.900(1) - Form Effective: 3-21-96		- 5	

| Requested Maximum Operating Schedule : 24 hours/day 7 days/weck 50 weeks/year 8,400 hours/year

III. Part 4 - 6

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section

I. Initial Startup Date:	01-Aug-199	90	
2. Long-term Reserve Shutdown D	Pate :		
3. Package Unit : Manufacturer : GE		Model Number : Frame 6	
4. Generator Nameplate Rating:	35 MW		
5. Incinerator Information :			
Dwell Temperat		Degrees Fahrenheit	
Dwell T		Seconds	
Incinerator Afterburner Temperatu	іге :	Degrees Fahrenheit	
Emissions Unit Type Code:	49 +		
Ozone SIP Base Emissions Unit:	+		
	ty	nBtu/hr	
Emissions Unit Operating Capaci	ty		
Emissions Unit Operating Capaci	ty 445 mm lb/i		
Emissions Unit Operating Capaci 1. Maximum Heat Input Rate: 2. Maximum Incinerator Rate:	ty 445 mm lb/i		
Emissions Unit Operating Capaci 1. Maximum Heat Input Rate: 2. Maximum Incinerator Rate: 3. Maximum Process or Throughpa	ty 445 mm lb/i		
Emissions Unit Operating Capacit 1. Maximum Heat Input Rate: 2. Maximum Incinerator Rate: 3. Maximum Process or Throughpe 4. Maximum Production Rate: 5. Operating Capacity Comment:	445 mm lb/t ut Rate :		bines.
Emissions Unit Operating Capaci 1. Maximum Heat Input Rate: 2. Maximum Incinerator Rate: 3. Maximum Process or Throughpe 4. Maximum Production Rate: 5. Operating Capacity Comment: The maximum heat input rate 445	445 mm lb/i ut Rate : mmBtu/hour is the Internal	nr tons/day	bines.
Emissions Unit Operating Capaci 1. Maximum Heat Input Rate: 2. Maximum Incinerator Rate: 3. Maximum Process or Throughpe 4. Maximum Production Rate: 5. Operating Capacity Comment: The maximum heat input rate 445	445 mm lb/i ut Rate : mmBtu/hour is the Internal	nr tons/day	bines.
Emissions Unit Operating Capacit 1. Maximum Heat Input Rate: 2. Maximum Incinerator Rate: 3. Maximum Process or Throughpe 4. Maximum Production Rate: 5. Operating Capacity Comment: The maximum heat input rate 445 Emissions Unit Operating Schedu Requested Maximum Operating Schedu	ty 445 mm lb/t ut Rate: mmBtw/hour is the ind	nr tons/day	bines.

52 weeks/year 8,760 hours/year

III. Part 4 - 8

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section

Combustion Turbine B

l. Initial Startup Date :	01-Aug-1990
2. Long-term Reserve Shutdown Date :	
3. Package Unit :	
Manufacturer: GE	Model Number: Frame 6
4. Generator Nameplate Rating: 35	MW
5. Incinerator Information :	
Dwell Temperature :	Degrees Fahrenheit
Dwell Time :	Seconds
Incinerator Afterburner Temperature :	Degrees Fahrenheit
Emissions Unit Type Code: 49 +	
Ozone SIP Base Emissions Unit : +	
Emissions Unit Operating Capacity 1. Maximum Heat Input Rate: 445	mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate	
4. Maximum Production Rate:	
5. Operating Capacity Comment: The maximum heat input rate 445 mmBtu	our is the max for each of the GE combustion turbines.
Emissions Unit Operating Schedule	
Requested Maximum Operating Schedule:	
24 hours	lay 7 days/week
m.	Part 4 - 9
DEP Form No. 62-210.900(1) - Form	

52 weeks/year	8.760 hours/year

III, Part 4 - 10

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01-Nov-1991

Emissions Unit Information Section

Combustion Turbine C **Emissions Unit Details** 1. Initial Startup Date:

2. Long-term Reserve Shutdown Date :	
3. Package Unit:	
Manufacturer: Westinghouse	Model Number: 501-D5
4. Generator Nameplate Rating: 129	MW
5. Incinerator Information :	
Dwell Temperature:	Degrees Fahrenheit
Dwell Time:	Seconds
Incinerator Afterburner Temperature :	Degrees Fahrenheit
Emissions Unit Type Code : 49 +	
Ozone SIP Base Emissions Unit : +	
Emissions Unit Operating Capacity	
1. Maximum Heat Input Rate: 1354	mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate :	
4. Maximum Production Rate :	
Operating Capacity Comment: Maximum heat input shall not exceed 1,354 MM lower heating values of each fuel.	MBtu/hr (gas) or 1346 MMBtu/hr (oil) based on the
Emissions Unit Operating Schedule	
Requested Maximum Operating Schedule:	
III. Part DEP Form No. 62-210.900(1) - Form Effective : 3-21-96	4- 11

 24 hours/day	7 days/week	
62	4 200 haven-/	
52 weeks/year	4,380 hours/year	

III. Part 4 -

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Emissions Unit Information Section

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Effective: 3-21-96

Combustion Turbine D

Emissions Unit Details

1. Initial Startup Date :	01-Nov-1991	
·		
2. Long-term Reserve Shutdown Date :		
3. Package Unit :		
Manufacturer: Westinghouse		Model Number: 501-D5
4. Generator Nameplate Rating: 12	29 MW	
5. Incinerator Information :		
Dwell Temperature :		Degrees Fahrenheit
Dwell Time:		Seconds
Incinerator Afterburner Temperature :		Degrees Fahrenheit
Emissions Unit Type Code: 49 +		
Ozone SIP Base Emissions Unit: +		
Emissions Unit Operating Capacity		
Maximum Heat Input Rate: 135	4 mmBtu/hr	
2. Maximum Incinerator Rate :	lb/hr	tons/day
3. Maximum Process or Throughput Rate	:	
4. Maximum Production Rate :		
Operating Capacity Comment: Maximum heat input shall not exceed 1,35 lower heating values of each fuel.	64 MMBtu/hr (gas) or 1	346 MMBtu/hr (oil) based on the
To the menting values of each fact.		
Emissions Unit Operating Schedule		
Requested Maximum Operating Schedule :		
Ш	Part 4 - 13	-

24 hours/day	7 days/week	٦
52 weeks/year	4,380 hours/year	1
32 Weeks/year	4,360 Hours/year	

III. Part 4 - 14

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Emissions Unit Information Section

Lime Storage Silo		
Emissions Unit Details		
1. Initial Startup Date :	25-Feb-1993	
2. Long-term Reserve Shutdown Date :		
3. Package Unit : Manufacturer : General Resource Corp.		Model Number: 13204.8
4. Generator Nameplate Rating:	MW	
5. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature: Emissions Unit Type Code: 49 + Ozone SIP Base Emissions Unit:		Degrees Fahrenheit Seconds Degrees Fahrenheit
Emissions Unit Operating Capacity		
1. Maximum Heat Input Rate :	mmBtu/hr	
2. Maximum Incinerator Rate :	· lb/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate :		
Operating Capacity Comment: Operating conditions from permit No. AO0 This silo is permitted to be loaded 2 hours/o The maximum permitted loading rate is 10	days	
Emissions Unit Operating Schedule		
DEP Form No. 62-210.900(1) - Form Effective : 3-21-96	Part 4 - 15	

Requested Maximum Operating Schedule :

4 hours/day 7 days/week

52 weeks/year 20 hours/year

111. Part 4 -

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 9
Non-regulated Emissions - Exempt and Insignificant

DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

Emissions Unit Details		
1. Initial Startup Date :	01-Feb-1960	
2. Long-term Reserve Shutdown Date :		
3. Package Unit:		
Manufacturer:		Model Number :
4. Generator Nameplate Rating :	MW	
5. Incinerator Information :		
Dwell Temperature :		Degrees Fahrenheit
Dwell Time :		Seconds
Incinerator Afterburner Temperature :		Degrees Fahrenheit
Emissions Unit Type Code : 49 +		
Ozone SIP Base Emissions Unit : +		
Emissions Unit Operating Capacity		٠.
1. Maximum Heat Input Rate: 0	mmBtu/hr	
2. Maximum Incinerator Rate :	lb/hr	tons/day
3. Maximum Process or Throughput Rate :		
4. Maximum Production Rate :		
5. Operating Capacity Comment :		
Emissions Unit Operating Schedule		
Requested Maximum Operating Schedule :		
24 hours/da	у	7 days/week

III. Part 4 - 17

52 weeks/year 8,760 hours/year

III. Part 4 - 18

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section

Non-regulated Emissions - Significant		
Emissions Unit Details		
Initial Startup Date :	01-Feb-1960	· .
2. Long-term Reserve Shutdown Date :		
3. Package Unit : Manufacturer :		Model Number :
4. Generator Nameplate Rating :	MW	
5. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature: Emissions Unit Type Code: 49 + Ozone SIP Base Emissions Unit:		Degrees Fahrenheit Seconds Degrees Fahrenheit
Emissions Unit Operating Capacity		
Maximum Heat Input Rate: 0	mmBtu/hr	
2. Maximum Incinerator Rate :	lb/hr	tons/day
3. Maximum Process or Throughput Rate	:	
4. Maximum Production Rate :		
5. Operating Capacity Comment:		
Emissions Unit Operating Schedule		
Requested Maximum Operating Schedule : 24 hours/	'day	7 days/week
DEP Form No. 62-210.900(1) - Form Effective : 3-21-96	Part 4 - 19	

52 weeks/year 8,760 hours/year

III. Part 4 - 20

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D. EMISSIONS UNIT REGULATIONS (Regulated Emissions Units Only)

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D. EMISSIONS UNIT REGULATIONS (Regulated Emissions Units Only)

Emissions Unit Information Section Boiler 2	
Rule Applicability Analysis	
III Da	art 6a - 2

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D. EMISSIONS UNIT REGULATIONS (Regulated Emissions Units Only)

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D. EMISSIONS UNIT REGULATIONS (Regulated Emissions Units Only)

e Applicability A	inarysis		
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D. EMISSIONS UNIT REGULATIONS (Regulated Emissions Units Only)

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D. EMISSIONS UNIT REGULATIONS (Regulated Emissions Units Only)

Emissions Unit Information Section Combustion Turbine C	6
Rule Applicability Analysis	
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D. EMISSIONS UNIT REGULATIONS (Regulated Emissions Units Only)

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D. EMISSIONS UNIT REGULATIONS (Regulated Emissions Units Only)

Rule Applicability Analysis							

Rule Applicability Analysis							
·							

D. EMISSIONS UNIT REGULATIONS (Regulated Emissions Units Only)

Non-regulated Emissions - Significant			
ule Applicability Analysis			
	_		
•			

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section

Boiler 1

List of Applicable Regulations

62-210.700 Excess Emissions

62-212.300 General Preconstruction Review

62-212.400 PSD

62-213.415 Trading of Emissions within a Source

62-213.450 EPA and Affected States Review

62-296.600(5) Record Keeping/Reporting

62-297,100 Monitoring Propose/Scope

62-297.310 General Test Requirements

62-297.401 Compliance Test Methods

62-297.440 Supplementary Test

62-297.620 Exceptions and Approval of Alternate Procedures

62-213.413 Fast Track Permitting fro Acid Rain Sources

62-214 Requirements for Sources Subject to Acid Rain Program

62-296,405 Fossil Fuel Steam Generators > 250 MMBtu/hr heat input

Air Operation Permit AO05-183384

Consent Order File No. 92-0546

III. Part 6b - 1

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Emissions Unit Information Section Boiler 2

List of Applicable Regulations

62-297.310 General Test requirements

62-297.401 Compliance Test Methods

62-297.440 Supplementary Test

62-297.620 Exceptions and Approval of Alternate Procedures

62-213.413 Fast Track Permitting for Acid Rain Sources

62-214 Requirements for Sources Subject to Acid Rain Program

62-296,405 Fossil Fuel Steam Generators > 250 MMBtu/hr heat input

62-210,700 Excess Emissions

62-212.300 General Preconstruction Review

62-212.400 PSD

62-213.415 Trading of Emissions within a Source

62-213.450 EPA and Affected States Review

62-296.600 (5) Record Keeping/Reporting

62-297.100 Monitoring Purpose/Scope

Air Operation Permit AO05-183384

Consent Order File No. 92-0546

III. Part 6b - 2

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section

3

Boiler 3

List of Applicable Regulations

62-210.700 Excess Emissions

62-212.300 General Preconstruction Review

62-212.400 PSD

62-213.415 Trading of Emissions within a Source

62-213.450 EPA and Affected States Review

62-296.600 (5) Record/Keeping/Reporting

62-297.100 Monitoring Purpose/Scope

62-297.310 General Test Requirements

62-297.401 Compliance Test Methods

62-297.440 Supplementary Test

62-297.620 Exceptions and Approval of Alternate Procedures

62-213.413 Fast Track Permitting for Acid Rain Sources

62-214 Requirements for Sources Subject to Acid Rain Program

62-296,405 Fossil Fuel Steam Generators > 250 MMBtu/hr heat input

Consent Order File No. 92-0546

Air Operation Permit AO05-183384

III. Part 6b - 3

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Emissions Unit Information Section

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Combustion Turbine A

List of Applicable Regulations

62-210,700 Excess Emissions

62-212.300 General Preconstruction Review

62-212.400 PSD

13

62-213.415 Trading of Emissions within a Source

62-213,450 EPA and Affected States Review

62-296,600 (5) Record Keeping/Reporting

62-297.100 Monitoring Purpose/Scope

62-297.310 General test Requirements

62-297.401 Compliance Test Methods

62-297.440 Supplementary Test

62-297.620 Exceptions and Approval of Alternate Procedures

Subpart GG Standards for Performance for Stationary Gas Turbines

144482

Air Operation Permit AO05-176351

Air Construction Permit AC05-146749

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Emissions Unit Information Section Combustion Turbine B

List of Applicable Regulations

Air Operation Permit AO05-176351

Air Construction Permit AC05-146749

62-210.700 Excess Emissions

62-212.300 General Preconstruction Review

62-212.400 PSD

62-213.415 Trading of Emissions within a Source

62-213.450 EPA and Affected States Review

62-296.600 (5) Record Keeping/Reporting

62-297.100 Monitoring Purpose/Scope

62-297.310 General test Requirements 62-297.401 Compliance Test Methods

62-297.440 Supplementary Test

62-297.620 Exceptions and Approval of Alternate Procedures

Subpart GG Standards for Performance for Stationary Gas Turbines

III. Part 6b - 5

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Emissions Unit Information Section Combustion Turbine C

6

List of Applicable Regulations

Consent Order OCG File No. 94-3376-C-05

Air Operation Permit AO05-229084

Air Construction Permit AC05-193720

PSD 173

62-210,700 Excess Emissions

62-212.300 General Preconstruction Review

62-212,400 PSD

62-213.415 Trading of Emissions within a Source

62-213.450 EPA and Affected States Review

62-296.600 (5) Record Keeping/Reporting

62-297.100 Monitoring Purpose/Scope

62-297,310 General Test Requirements

62-297.401 Compliance Test Methods

62-297.440 Supplementary Test

62-297.620 Exceptions and Approval of Alternate Procedures

Subpart GG Standards for Performance for Stationary Gas Turbines

62-214 Requirements for Sources Subject to Acid Rain Program

III. Part 6b - 6

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Emissions Unit Information Section Combustion Turbine D

List of Applicable Regulations

Consent Order OCG File No. 94-3376-C-05

Air Operation Permit AO05-229084

Air Construction Permit AC05-193720 PSD 173

62-210.700 Excess Emissions

62-212.300 General Preconstruction Review

62-212.400 PSD

62-213.415 Trading of Emissions within a Source

62-213.450 EPA and Affected States Review

62-296.600 (5) Record Keeping/Reporting

62-297.100 Monitoring Purposc/Scope

62-297.310 General Test Requirements

62-297.401 Compliance Test Methods

62-297.440 Supplementary Test

62-297.620 Exceptions and Approval of Alternate Procedures

Subpart GG Standards for Performance for Stationary Gas Turbines

62-214 Requirements for Sources Subject to Acid Rain Program

III. Part 6b - 7

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Emissions Unit Information Section

Lime Storage Silo

List of Applicable Regulations

Air Operations Permit AO05-229996

Air Construction Permit AC05-214398

62-210.700 Excess Emissions

62-212.300 General Preconstruction Review

62-212.400 PSD

62-213.415 Trading of Emissions within a Source

62-213,450 EPA and Affected States Review

62-296.600 (5) Record Keeping/Reporting

62-297.100 Monitoring Purpose/Scope

62-297.310 General Test Requirements

62-297.401 Compliance Test Methods

62-297.440 Supplementary Test

62-297.620 Exceptions and Approval of Alternate Procedures

62-296.320 (2) No Objectionable Odors

62-296.414 Concrete Batching Plants

III. Part 6b - 8

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section

Boiler 1	
Emission Point Description and Type:	
1. Identification of Point on Plot Plan or Flow Diagram :	B12
2. Emission Point Type Code :	2 *
3. Descriptions of Emission Points Comprising this Emiss	sions Unit :
Boilers 1 and 2 share a common stack.	
4. ID Numbers or Descriptions of Emission Units with this	Emission Point in Common :
001 and 002 share a common stack.	
5. Discharge Type Code :	V
6. Stack Height :	300 feet
7. Exit Diameter :	14.0 feet
8. Exit Temperature :	325 °F *
9. Actual Volumetric Flow Rate :	795323 acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	feet
13. Emission Point UTM Coordinates :	
Zone: 17 East (km): 521.500	North (km): 3151,700
Good Engineering Practice Stack Height: +	•
14. Emission Point Comment :	
Boiler 1 and Boiler 2 share a common stack.	

III. Part 7a - 1

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III. Part 7a - 2 DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 2

DEP Form No. 62-210.900(1) - Form

Boiler 2

Emission Point Description and Type :			
Identification of Point on Plot Plan or Flow Diagram :	B12	-	
2. Emission Point Type Code :	2 •		
3. Descriptions of Emission Points Comprising this Emiss	ions Unit :		
Boiler I and Boiler 2 exhaust into common stack.			
4. ID Numbers or Descriptions of Emission Units with this	Emission Point	in Comm	ion :
Boilers 1 and 2 share a common stack.			
5. Discharge Type Code :	V		
6. Stack Height:	300	feet	
7. Exit Diameter :	14.0	feet	
8. Exit Temperature :	325	°F +	
9. Actual Volumetric Flow Rate :	795323	acfm	
10. Percent Water Vapor :		%	
11. Maximum Dry Standard Flow Rate :		dscfm	
12. Nonstack Emission Point Height :		feet	
13. Emission Point UTM Coordinates :			
Zone: 17 East (km): 521.300	North (k	m) :	3151.700
Good Engineering Practice Stack Height : +			
14. Emission Point Comment :			
-			
III. Part 7a - 3			

III. Part 7a - 4 DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 3

Boiler 3

I. Identification of Point on Plot Plan or Flow	Diagram: B3		
2. Emission Point Type Code :	1 *		
3. Descriptions of Emission Points Comprisin	g this Emissions Unit :		
4. ID Numbers or Descriptions of Emission U	nits with this Emission Poin	t in Co	ommon :
5. Discharge Type Code :	v		
6. Stack Height :	300	fee	ţ.
7. Exit Diameter :	14.1	fee	t
B. Exit Temperature :	340	°F	*
9. Actual Volumetric Flow Rate :	1004045	acfi	m
10. Percent Water Vapor :	.	%	
11. Maximum Dry Standard Flow Rate :		dsc	ıfm .
12. Nonstack Emission Point Height :		fee	t
13. Emission Point UTM Coordinates :	•		
Zone: 17 East (km):	521.300 North (F	im) :	3151.700
Good Engineering Practice Stack Height :	+		
14. Emission Point Comment :			

III. Part 7a - 5

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III. Part 7a - 6 DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 4	
Combustion Turbine A	
Emission Point Description and Type :	·
1. Identification of Point on Plot Plan or Flow Diagram :	A & B
2. Emission Point Type Code :	1 *
3. Descriptions of Emission Points Comprising this Emiss	sions Unit :
4. ID Numbers or Descriptions of Emission Units with this	Emission Point in Common :
5. Discharge Type Code :	V
6. Stack Height :	36 feet
7. Exit Diameter :	12.4 feet
8. Exit Temperature :	1035 °F *
9. Actual Volumetric Flow Rate :	786290 acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	feet
13. Emission Point UTM Coordinates :	
Zone: 17 East (km): 521.500	North (km) : 3151.600
Good Engineering Practice Stack Height: +	
14. Emission Point Comment :	

III. Part 7a - 7

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III. Part 7a - 8 DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 5

Combustion Turbine B

Emission Point Description and Type:	
1. Identification of Point on Plot Plan or Flow Diagram :	A & B
2. Emission Point Type Code :	1 *
3. Descriptions of Emission Points Comprising this Emissi	ions Unit :
4. ID Numbers or Descriptions of Emission Units with this	Emission Point in Common :
5. Discharge Type Code :	V
6. Stack Height :	36 feet
7. Exit Diameter :	12.4 feet
8. Exit Temperature :	1035 °F *
9. Actual Volumetric Flow Rate :	786290 acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	feet
13. Emission Point UTM Coordinates :	_
Zone: 17 East (km): 521.500	North (km): 3151.600
Good Engineering Practice Stack Height : +	
14. Emission Point Comment :	

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Emissions Unit Information Section 6

Combustion Turbine C	•	
Emission Point Description and Type:	•	
1. Identification of Point on Plot Plan or Flow Diagram :	C & D	
2. Emission Point Type Code :	1 *	
Descriptions of Emission Points Comprising this Emiss	sions Unit :	
4. ID Numbers or Descriptions of Emission Units with this	Emission Point	in Common :
5. Discharge Type Code :	V	
6. Stack Height :	51	feet
7. Exit Diameter :	11.2	feet
8. Exit Temperature :	1005	°F *
9. Actual Volumetric Flow Rate :	1970269	acfm
10. Percent Water Vapor :		%
11. Maximum Dry Standard Flow Rate :		dscfm
12. Nonstack Emission Point Height :		feet
13. Emission Point UTM Coordinates :		
Zone: 17 East (km); 521.500	0 North (km	n): 3151.600
Good Engineering Practice Stack Height :	+	
14. Emission Point Comment :		

III. Part 7a - 11

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III. Part 7a - 12 DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 7

. Identification of Point on Plot Plan or Flow Diagram :	C & D		
2. Emission Point Type Code :	1 *		
3. Descriptions of Emission Points Comprising this Emis	sions Unit :		
4. ID Numbers or Descriptions of Emission Units with thi	s Emission Point	in Comr	mon :
5. Discharge Type Code :	v		
6. Stack Height :	51	feet	
7. Exit Diameter :	11.2	feet	
8. Exit Temperature :	1005	°F *	
9. Actual Volumetric Flow Rate :	1970269	acfm	•
10. Percent Water Vapor :		%	
11. Maximum Dry Standard Flow Rate :		dscfm	
12. Nonstack Emission Point Height :		feet	
13. Emission Point UTM Coordinates :			
Zone: 17 East (km): 521.50	0 North (k	m) ;	3151.600
Good Engineering Practice Stack Height :	+		
14. Emission Point Comment :			

III. Part 7a - 13

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III. Part 7a - 14 DEP Form No. 62-210.900(1) - Form

Lime Storage Silo	
Emission Point Description and Type:	
1. Identification of Point on Plot Plan or Flow Diagram :	LS
2. Emission Point Type Code :	1 *
3. Descriptions of Emission Points Comprising this Emiss	ions Unit :
4. ID Numbers or Descriptions of Emission Units with this	Emission Point in Common :
5. Discharge Type Code :	Н
6. Stack Height :	40 feet
7. Exit Diameter :	4.5 feet
8. Exit Temperature :	°F *
9. Actual Volumetric Flow Rate :	10 acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	feet
13. Emission Point UTM Coordinates :	
Zone: 17 East (km): 521.500	North (km): 3151.600
Good Engineering Practice Stack Height : +	
14. Emission Point Comment :	

III. Part 7a - 15

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Emissions Unit Information Section

III. Part 7a - 16 DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 9

Non-regulated Emissions - Exempt and Insignifcant

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*
ions Unit :
Emission Point in Common :
feet
feet
°F *
acfm
%
dscfm
feet
North (km):

III. Part 7a - 17

IIi. Part 7a - 18 DEP Form No. 62-210.900(1) - Form

C. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section

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11. 00. 0		
. Identification of P	oint on Plot Plan or Flow Diagr	ram :
2. Emission Point T	ype Code :	4 *
3. Descriptions of E	mission Points Comprising this	Emissions Unit :
I. ID Numbers or D	escriptions of Emission Units w	vith this Emission Point in Common:
5. Discharge Type (Code :	
3. Stack Height :	-	feet
7. Exit Diameter :	·	feet
3. Exit Temperature	: .	°F *
9. Actual Volumetric	Flow Rate :	acfm
10. Percent Water \	/apor:	%
11. Maximum Dry S	tandard Flow Rate :	dscfm
12. Nonstack Emiss	ion Point Height :	feet
13. Emission Point	UTM Coordinates :	
Zone :	East (km) :	North (km):
O d E iaaaaiaa B	ractice Stack Height :	+
Good Engineering P		
3000 Engineering P	Comment :	

III. Part 7a - 20 DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section	
Boiler 1	
Segment Description and Rate : Segment	1
Segment Description (Process/Fuel Type and Assorting Natural Gas	ociated Operating Method/Mode):
2. Source Classification Code (SCC): 1-01-006-	04 *
SCC Units : Million Cubic Feet Burned (all gaseo	us fuels)
4. Maximum Hourly Rate: 0.88 5.	Maximum Annual Rate :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 8. Percent Sulfur Limit : +	Maximum Percent Ash:
9. Million Btu per SCC Unit: 1,038	
10. Segment Comment :	
	Segment

III. Part 8 - 1

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section	_	
Segment Description and Rate: Segment 2		
Segment Description (Process/Fuel Type and No. 6 Fuel Oil.	Associated Operating Method/Mode):	
Source Classification Code (SCC): 1-01-	004-04 *	
3. SCC Units: Thousand Gallons Burned (all lie		
4. Maximum Hourly Rate: 5.62	5. Maximum Annual Rate :	
6. Estimated Annual Activity Factor:		
7. Maximum Percent Sülfur : 2.75 Percent Sulfur Limit : +	8. Maximum Percent Ash: 0.10	
9. Million Btu per SCC Unit : 151		
10. Segment Comment :		

III. Part 8 - 2

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 1		
Boiler 1		
Segment Description and Rate: Segment 3		
1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):		
On specification used oil		
2. Source Classification Code (SCC):		
3. SCC Units: Thousand Gallons Burned (all liquid fuels)		
4. Maximum Hourly Rate : 5. Maximum Annual Rate :		
6. Estimated Annual Activity Factor :		
7. Maximum Percent Sulfur : 8. Maximum Percent Ash : Percent Sulfur Limit : +		
9. Million Btu per SCC Unit :		
10. Segment Comment :		
Up to 1% of total heat input.		

III. Part 8 - 3

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Boiler 2 Segment Description and Rate: Segment 1	
Natural gas.	
C-1-76	CC): 1-01-006-04 *
2. Source Classification Code (SC	C): 1-01-006-04
3. SCC Units : Million Cubic Fe	et Burned (all gaseous fuels)
I. Maximum Hourly Rate : 2.	.29 5. Maximum Annual Rate :
5. Estimated Annual Activity Fact	tor:
7. Maximum Percent Sulfur : Percent Sulfur Limit :	8. Maximum Percent Ash :
O. Million Btu per SCC Unit :	1,038
	•

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DEP Form No. 62-210.900(1) - Form

Boiler 2	
egment Description and Rate : Segm	nent 2
Segment Description (Process/Fuel Type No. 6 Fuel Oil.	e and Associated Operating Method/Mode):
2. Source Classification Code (SCC):	I-01-004-04 *
3. SCC Units: Thousand Gallons Burned	(all liquid fuels)
4. Maximum Hourly Rate : 13.63	5. Maximum Annual Rate :
5. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur: 0.99 Percent Sulfur Limit:	8. Maximum Percent Ash: 0.07
9. Million Btu per SCC Unit: 152	
10. Segment Comment :	00 10
	why different!

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DEP Form No. 62-210,900(1) - Form

Emissions Unit Information Section

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F. SEGMENT (PROCESS/FUEL) INFORMATION

	2
Segment Description and Rate: Segment	3
1. Segment Description (Process/Fuel Type and	Associated Operating Method/Mode):
On specification used oil.	
BUTTON E-DESIGNATION OF THE PROPERTY OF THE PR	
2. Source Classification Code (SCC):	*
3 SCC Units: Thousand Gallons Burned (all li	quid fuels)
3. SCC Units: Thousand Gallons Burned (all li	quid fuels)
No. of the second secon	•
3. SCC Units: Thousand Gallons Burned (all li 4. Maximum Hourly Rate:	quid fuels) 5. Maximum Annual Rate:
4. Maximum Hourly Rate :	•
No. of the second secon	•
4. Maximum Hourly Rate : 6. Estimated Annual Activity Factor :	5. Maximum Annual Rate:
4. Maximum Hourly Rate :	•
4. Maximum Hourly Rate : 6. Estimated Annual Activity Factor : 7. Maximum Percent Sulfur :	5. Maximum Annual Rate:
4. Maximum Hourly Rate : 6. Estimated Annual Activity Factor : 7. Maximum Percent Sulfur :	5. Maximum Annual Rate:

III. Part 8 - 6

DEP Form No. 62-210,900(1) - Form

I. Segment Description (Process/Fuel Type	pe and Associated Operating Method/Mode):
Natural Gas.	
Source Classification Code (SCC) :	1-01-006-04 *
3. SCC Units : Million Cubic Feet Burne	ed (all gaseous fuels)
4. Maximum Hourly Rate : 3.27	5. Maximum Annual Rate :
4. Maximum Hourly Rate: 3.27 6. Estimated Annual Activity Factor:	5. Maximum Annual Rate :
	S. Maximum Annual Rate :

III. Part 8 - 7

DEP Form No. 62-210.900(1) - Form

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate : Segment	ent 2
17.	
Segment Description (Process/Fuel Type a	and Associated Operating Method/Mode):
No. 6 Fuel Oil.	
Source Classification Code (SCC): 1	-01-004-04 *
2. Source classification code (GCC)	-01-004-04
3. SCC Units: Thousand Gallons Burned (a	nll Farid Code
7. See Offits . Thousand Ganons Burned (a	an inquia rueis)
Maximum Hourly Rate : 20.60	5 Maximum Annual Rate
4. Maximum Hourly Rate : 20.60	5. Maximum Annual Rate:
	5. Maximum Annual Rate :
4. Maximum Hourly Rate : 20.60 6. Estimated Annual Activity Factor :	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor: 7. Maximum Percent Sulfur: 1.13	8. Maximum Percent Ash: 0.07
6. Estimated Annual Activity Factor:	
6. Estimated Annual Activity Factor: 7. Maximum Percent Sulfur: 1.13	8. Maximum Percent Ash: 0.07

III. Part 8 - 8

DEP Form No. 62-210.900(1) - Form Effective : 3-21-96

Emissions Unit Information Section 4				
Combustion Turbine A				
Segment Description and Rate: Segment 1				
1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):				
Internl combustion Industrial. Dist. Oil/Diesel. Turbine.				
2. Source Classification Code (SCC): 2-02-001-01 *				
3. SCC Units: Thousand Gallons Burned (all liquid fuels)				
4. Maximum Hourly Rate : 3.30 5. Maximum Annual Rate :				
6. Estimated Annual Activity Factor :				
7. Maximum Percent Sulfur : 8. Maximum Percent Ash : Percent Sulfur Limit : +				
9. Million Btu per SCC Unit :				
10. Segment Comment :				
Max. annual rate is the total rate for both combustions (6.59 and 9.83 is the annual rate for CT-A and CT-B respectively). 288 million Btu per SCC unit is the value for both turban A and B (144 million Btu per SCC unit is the value for each of the turbine).				

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Combustion Turbine A	
Segment Description and Rate: Segment	2
I. Segment Description (Process/Fuel Type and	d Associated Operating Method/Mode):
Natural gas.	
2. Source Classification Code (SCC): 2-0	1-002-01 *
3. SCC Units: Million Cubic Feet Burned (all	gaseous fuels)
4. Maximum Hourly Rate: 0.45	5. Maximum Annual Rate :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : Percent Sulfur Limit : +	8. Maximum Percent Ash :
9. Million Btu per SCC Unit : 2,076	
10. Segment Comment :	
and CT-B respectively).	bustions (42.33 and 32.45 are the annual rates for CT-A both turban A and B (1038 million Btu per SCC unit is

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Emissions Unit Information Section 3	_
Boiler 3	
Segment Description and Rate: Segment	3
1. Segment Description (Process/Fuel Type and A	Associated Operating Method/Mode) :
On specification used oil.	
2. Source Classification Code (SCC):	*
3. SCC Units: Thousand Gallons Burned (all liq	uid fuels)
4. Maximum Hourly Rate :	5. Maximum Annual Rate :
6. Estimated Annual Activity Factor:	-
7. Maximum Percent Sulfur : Percent Sulfur Limit : +	8. Maximum Percent Ash :
9. Million Btu per SCC Unit :	
10. Segment Comment :	
Up to 1% of total heat input.	

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 1	_
Boiler 1	
Segment Description and Rate: Segment	4
1. Segment Description (Process/Fuel Type and A	Associated Operating Method/Mode):
Landfill waste gas,	
2. Source Classification Code (SCC):	*
3. SCC Units: Million Cubic Feet Burned (all gr	ascous fuels)
4. Maximum Hourly Rate:	5. Maximum Annual Rate :
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur : Percent Sulfur Limit : +	8. Maximum Percent Ash :
9. Million Btu per SCC Unit:	
10. Segment Comment :	

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Emissions Unit Information Section 1	_
Boiler I	
Segment Description and Rate: Segment	5
1. Segment Description (Process/Fuel Type and A	Associated Operating Method/Mode):
No. 2 Fuel Oil for ignitors.	
2. Source Classification Code (SCC): 20-2	~0-01 * .
3. SCC Units: Thousand Gallons Burned (all liq	uid fuels)
4. Maximum Hourly Rate: 5.62	5. Maximum Annual Rate :
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 0.30 Percent Sulfur Limit: +	8. Maximum Percent Ash :
9. Million Btu per SCC Unit : 127	
10. Segment Comment :	

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segn	nent 1
1. Segment Description (Process/Fuel Type	e and Associated Operating Method/Mode):
Interni combustion Industrial. Dist. Oil/Di	iesel. Turbine.
2. Source Classification Code (SCC):	2-02-001-01 *
3. SCC Units: Thousand Gallons Burned	(all liquid fuels)
4. Maximum Hourly Rate: 3.30	5. Maximum Annual Rate :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur :	8. Maximum Percent Ash
Percent Sulfur Limit :	+
9. Million Btu per SCC Unit:	·
9, Willion Blu per SCC Onit .	
10. Segment Comment :	
to. Segment Comment:	

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Emissions Unit Information Section 5
Combustion Turbine B
Segment Description and Rate: Segment 2
Segment Description (Process/Fuel Type and Associated Operating Method/Mode) :
Natural gas.
2. Source Classification Code (SCC): 2-01-002-01 *
3. SCC Units: Million Cubic Feet Burned (all gaseous fuels)
4. Maximum Hourly Rate: 0.45 5. Maximum Annual Rate:
6. Estimated Annual Activity Factor :
7. Maximum Percent Sulfur : 8. Maximum Percent Ash : Percent Sulfur Limit : +
9. Million Btu per SCC Unit : 2,076
10. Segment Comment :
Max, annual rate is the total rate for both combustions (42.33 and 32.45 are the annual rates for CT-A and CT-B respectively). 2076 million Btu per SCC unit is the value for both turban A and B (1038 million Btu per SCC unit is the value for each of the turban).

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 6
Combustion Turbine C
Segment Description and Rate: Segment 1
1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):
Dist. Oil /diesel, turbine.
2. Source Classification Code (SCC): 2-02-001-01 *
3. SCC Units: Thousand Gallons Burned (all liquid fuels)
4. Maximum Hourly Rate: 10.28 5. Maximum Annual Rate:
6. Estimated Annual Activity Factor :
7. Maximum Percent Sulfur : 8. Maximum Percent Ash : Percent Sulfur Limit : +
9. Million Btu per SCC Unit : 288
10. Segment Comment :
288 million Btu per SCC unit is the value for both combustions (CT-C and CT-D, 144 million Btu per SCC unit is the value for each unit)

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egment Description and Rate: Se	gment	2		
1. Segment Description (Process/Fuel T	ype and	Associated Ope	rating Method/	Mode):
Natural Gas.				
2. Source Classification Code (SCC):	2-01-	002-01	*	
3. SCC Units : Million Cubic Feet Bur	ned (all g	aseous fuels)		
4. Maximum Hourly Rate: 1.38		5. Maximum	Annual Rate :	
6. Estimated Annual Activity Factor:				
7. Maximum Percent Sulfur : Percent Sulfur Limit :	+	8. Maximum	Percent Ash:	
9. Million Btu per SCC Unit: 2,076				
10. Segment Comment :				

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate :	Segment 1
1. Segment Description (Process/F	Fuel Type and Associated Operating Method/Mode):
Dist. Oil /diesel, turbine.	
2. Source Classification Code (SC	CC): 2-02-001-01 *
3. SCC Units: Thousand Gallon	s Burned (all liquid fuels)
4. Maximum Hourly Rate: 10	0.28 5. Maximum Annual Rate :
6. Estimated Annual Activity Factor	or:
7. Maximum Percent Sulfur : Percent Sulfur Limit :	8. Maximum Percent Ash :

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Segment	
Type and .	Associated Operating Method/Mode) :
2-01-	002-01 *
urned (all g	aseous fuels)
	5. Maximum Annual Rate :
+	8. Maximum Percent Ash:
76	
	Type and 2-01-

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 8
Lime Storage Silo
Segment Description and Rate: Segment 1
1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) :
Mineral Products, Lime Silos
2. Source Classification Code (SCC): 3-05-016-13 *
3. SCC Units: Tons Lime Unloaded
4. Maximum Hourly Rate : 15.00 5. Maximum Annual Rate :
6. Estimated Annual Activity Factor :
7. Maximum Percent Sulfur : 8. Maximum Percent Ash : Percent Sulfur Limit : +
9. Million Btu per SCC Unit :
10. Segment Comment :

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gment Description and Rate:	Segment	4
Segment Description (Process/Fu	iel Type and A	Associated Operating Method/Mode):
Landfill waste gas		
. Source Classification Code (SCC	Z):	*
SCC Units : Million Cubic Fee	t Burned (all g	aseous fuels)
. Maximum Hourly Rate :		5. Maximum Annual Rate :
Estimated Annual Activity Factor	Dr:	
. Maximum Percent Sulfur :	+	8. Maximum Percent Ash :
Percent Sulfur Limit :		

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F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 2
Boiler 2
Segment Description and Rate: Segment5
1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):
No. 2 Oil for ignitors.
2. Source Classification Code (SCC): 20-2-0-01 *
3. SCC Units: Thousand Gallons Burned (all liquid fuels)
4. Maximum Hourly Rate: 13.63 5. Maximum Annual Rate:
6. Estimated Annual Activity Factor :
7. Maximum Percent Sulfur : 8. Maximum Percent Ash : Percent Sulfur Limit : +
9. Million Biu per SCC Unit :
10. Segment Comment :

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 3
Boiler 3
Segment Description and Rate: Segment 4
1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):
Landfill waste gas.
2. Source Classification Code (SCC):
3. SCC Units: Million Cubic Feet Burned (all gaseous fuels)
4. Maximum Hourly Rate : 5. Maximum Annual Rate :
6. Estimated Annual Activity Factor :
7. Maximum Percent Sulfur : 8. Maximum Percent Ash : Percent Sulfur Limit : +
9. Million Btu per SCC Unit :
To. Segment Comment :

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		,		

Emissions Unit Information Section	1
Boiler 1	

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code
1 - VOC *	*		
2 - PM *	•		
3 - PM10 *	*		
4 - SO2 *	*		
5 - NOX *	*		
6 - CO •	*		
7 - H095 *	*		
8 - H015 *	*		
9 - H021 *	*		
10 - H027 *	*		
11 - H046 *	•		
12 - H047 *	*		
13 - H110 *	*		

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G. EMISSIONS UNIT POLLUTANTS (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section	1
Boiler 1	

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code
14 - H113 *	*		
15 - H133 *	*		
16 - H162 *	*		
17 - T035 *	*		
18 - H114 *	*		

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Emissions Unit Information Section	2
Boiler 2	

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code
1 - PM *	•		
2 - PM10 •	*		
3 - SO2 *	*		
4 - NOX *	*		
5 - CO +	* .		
6 - VOC •	*		
7 - H095 +	•		
8 - H015 *	•		
9 - H021 *	•		
10 - H027 *	•		
11 - H046 *	*		
12 - H047 *	•		
13 - H110 •	•		

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G. EMISSIONS UNIT POLLUTANTS (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section	
Boiler 2	

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code
14 - H113 +	•		
15 - H114 *	•		
16 - H133 *	•		
17 - H162 *	•		
18 - T035 •	+		

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Emissions	Unit	Information	Section	3
Boiler 3				

Primary Control Device Code	Secondary Control Device Code	4. Pollutant Regulatory Code
*		
*		
*		
*		
*		
*		
• .		
*		
*.		
*		
*		
•		
	Device Code * * * * * * * * * * * * *	Device Code t t t t t t t t t t t t t

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G. EMISSIONS UNIT POLLUTANTS (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section	3
Roiler 3	

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code
14 - H113 *	*		
15 - H114 *	•		
16 - H133 *	*		
17 - H162 *			
18 - T035 *	*		

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Emissions Unit Information Section	4
Combustion Turbine A	

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	4. Pollutant Regulatory Code
1 - NOX *	028 +		
2 - SO2 *	*	_	
3 - CO *	•		
4 - PM *	•		
5 - PM10 *	•		
6 - VOC *	•		
7 - SAM *	*		
8 - H021 *	+		
9 - H095 •			
10 - H015 •			
11 - H027 •	*		
12 - H046 +			
13 - H047 *			
	4	+	

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G. EMISSIONS UNIT POLLUTANTS (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section	4
Combustion Turbine A	

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code
14 - H110 *	*		
15 - H113 *	*		
16 - H114 *	*		
17 - H133 *	*		
18 - H148 *	*		
19 - H162 *	+		

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Emissions Unit Information Section	5
Combustion Turbine B	

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code
12 - H046 *			
13 - H047 *	•		
14 - H110 *	*		
15 - H113 *	*		
16 - H114 *	*		
17 - H133 *	*		
18 - H148 *	٠,		
19 - H162 *	*		
1 - NOX *	028 *		
2 - SO2 *	*		
3 - CO *	•		
4 - PM *	•		
5 - PM10 *	•		

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G. EMISSIONS UNIT POLLUTANTS (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section	5
Combustion Turbine B	

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code
6 - VOC *	*		
7 - SAM *	•		
8 - H021 *	•		
9 - H095 *	•		
10 - H015 *	•		
11 - H027 *	*		

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Emissions Unit Information Section	6
Combustion Turbine C	

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
1 - NOX *	028 *		·
2 - SO2 *	*		
3 - PM *	*		
4 - PM10 *	*		
5 - CO +	*		
6 - VOC *	*		
7 - SAM *			
8 - H021 *	*		
9 - H014 *	*		
10 - H110 *	*		
11 - H095 *	*		
12 - H015 *	+		
13 - H027 *			

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G. EMISSIONS UNIT POLLUTANTS (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section	6
Combustion Turbine C	

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	4. Pollutant Regulatory Code
14 - H046 *	•		
15 - H047 *	•		
16 - H113 +	*		
17 - H133 *			
18 - H148 *	•		
19 - H162 +	•		

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Emissions Unit Information Section	7
Combustion Turbine D	

Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code
028 *		
•		
*		
*		
*		
*		
*		
*		
* ***		
*		
*		
*		
*		
	Device Code 028	Device Code 028 * * * * * * * * * * * * *

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G. EMISSIONS UNIT POLLUTANTS (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section	7
Combustion Turbine D	

1. Pollutant Emitted	Primary Control Device Code	3. Secondary Control Device Code	Pollutant Regulatory Code
14 - H046 *	*		
15 - H047 *	*		
16 - H113 *	*		
17 - H133 *	*		
18 - H148 *	*		
19 - H162 *	*		

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Emissions Unit Information Section	8	
Lime Storage Silo		

1. Pollutant Emitted	Primary Control Device Code	3. Secondary Control Device Code	Pollutant Regulatory Code
2 - PM10 *	018 *		
1 - PM *	018 *		

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G. EMISSIONS UNIT POLLUTANTS (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 9
Non-regulated Emissions - Exempt and Insignificant

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code
1 - VOC *	*		

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Emissions Unit Information Section	10	
Non-regulated Emissions - Significant		

1. Pollutant Emitted	Primary Control Device Code	Secondary Control Device Code	Pollutant Regulatory Code	
1 - PM *	*			
2 - PM10 *	*			

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		•	·		
]				
				-	
				·	
•					

Boiler 1	1			
Pollutant Detail Information :	Pollutant	1		
I. Pollutant Emitted: VOC *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 4.43	lb/hour	18.60	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other E	missions;	to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/1000 gal		+*		
7. Emissions Method Code : 3	*			
8. Calculations of Emissions: Max Hourly: VOC = (0.76 lb/1000gal) (Oil hour) = 4.427 lb/hr Potential Annual (VOC)(8400hr/yr) = 18.595 tpy				10
9. Pollutant Potential/Estimated Emission	ons Comment :			
Max Hourly: VOC = (0.76 lb/1000gal) (Oil hour) = 4.427 lb/hr Potential Annual				
(VOC)(8400 hr/yr) = 18.595 tpy				Pollutant Detail
III. DEP Form No. 62-210.900(1) - Form	Part 9b - 1			Detail
Effective: 3-21-96				A

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:	Pollutant	2		
1. Pollutant Emitted: PM *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 249.70	lb/hour	349.50	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	to	1	tons/year
6. Emissions Factor : Reference : Permit Restriction Unit Code : Ib/MMBtu		·*		
7. Emissions Method Code: 2 *				
8. Calculations of Emissions: PM Emissions (from permit) Max Hourly PM = (0.3 lb/MMBru)(832.2 MMBru/hr = (249.7 lb/hr Potential Annual PM = (0.1 lb/ MMBru)(832.2 MMBru/h = 349.5 tpy				
9. Pollutant Potential/Estimated Emission	is Comment :			
Permit Restrictions: PM Steady State: 0.1 lb/MMBtu	3 hrs			

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Emissions Unit Information Section Boiler I			
Pollutant Detail Information:	Pollutant	3	
1. Pollutant Emitted: PM10	*		
2. Total Percent Efficiency of Contro	ol: 0.00	%	
3. Potential Emissions : 177.30	lb/hour	248.20	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Othe	r Emissions:	to	tons/year
6. Emissions Factor : Reference : AP42, 5th of the Code : %	ed.	+*	
7. Emissions Method Code: 3	*		
8. Calculations of Emissions :			
AP42, 5th ed., indicates while burn emission.	ing residual oil, PM10	makes up about	171% of uncontrolled PM
Max Hourly: PM10 = (0.71)(0.3 lb/MMBtu)(832 = 177.3 lb/hr	2.2 MMBtu/hr)		
Potential Annual PM10 = (0.71)(0.1 lb/MMBtu)(832 = 248.2 tpy	!.2MMBtu/hr)(8400hr/	ут)	
O. Dellestent Detection/Cation (15)			
9. Pollutant Potential/Estimated Emi			
AP42, 5th ed., indicates while burn emissions.	iing residual oil, PM10	makes up abou	t 71 % of uncontrolled PM
· I	III. Part 9b - 3		
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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section	1
Boiler 1	

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Emissions Unit Information Section 1 Boiler 1		
Pollutant Detail Information : Polluta	ant 4	
1. Pollutant Emitted : SO2 *		
2. Total Percent Efficiency of Control: 0.00	%	
3. Potential Emissions : 2,288.50 lb/hour	9,611.90	tons/year
4. Synthetically Limited? [] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	to	tons/year
6. Emissions Factor : Reference : Permit Unit Code : Ib/MMBtu	+*	
7. Emissions Method Code : 2 *		
8. Calculations of Emissions: SO2 Emission (from Pernit) Max Hourly SO2 = (2.75 lb/MMBtu)(832.2 MMBtu/hr) = 2288.5 lb/hr Potential Annual SO2 = (2.75 lb/MMBtu)(832.2 MMBtu/hr)(8400hr/yr = 9611.9 tpy)	
Pollutant Potential/Estimated Emissions Comment Permit Restrictions:	;	-
SO2: 2.75 lb/MMBtu		

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

ollutant 5	
ur 1,639.27	tons/year
to	tons/year
+*	
	to

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Pollutant Detail Information: Pollutant Emitted: CO	Emissions Unit Information Section Boiler 1			
2. Total Percent Efficiency of Control: 0.00 % 3. Potential Emissions: 34.62 lb/hour 145.40 tons/year 4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: lb/1000 gal 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Max Hourly Co = (40 lb/1000 gal)(Oil Hour) = 29,127 lb/hr Potential Annual	Pollutant Detail Information:	Pollutant	6	
3. Potential Emissions: 34.62 lb/hour 145.40 tons/year 4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: lb/1000 gal 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Max Hourly Co = (40 lb/1000 gal)(Oil Hour) = 29,127 lb/hr Potential Annual	1. Pollutant Emitted : CO *			
34.62 lb/hour 145.40 tons/year 4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: lb/1000 gal 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Max Hourly Co = (40 lb/1000 gal)(Oil Hour) = 29,127 lb/hr Potential Annual	2. Total Percent Efficiency of Control:	0.00	%	
[] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: lb/1000 gal +* 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Max Hourly Co = (40 lb/1000 gal)(Oil Hour) = 29,127 lb/hr Potential Annual		lb/hour	145.40	tons/year
to tons/year 6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: lb/1000 gal +* 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Max Hourly Co = (40 lb/1000 gal)(Oil Hour) = 29,127 lb/hr Potential Annual	[] Yes [X] No			
Reference: AP42, 5th ed. Unit Code: lb/1000 gal +* 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Max Hourly Co = (40 lb/1000 gal)(Oil Hour) = 29, 127 lb/hr Potential Annual		issions:	to	tons/year
8. Calculations of Emissions : Max Hourly Co = (40 lb/1000 gal)(Oil Hour) = 29,127 lb/hr Potential Annual	Reference: AP42, 5th ed.		+*	
Max Hourly Co = (40 lb/1000 gal)(Oil Hour) = 29,127 lb/hr Potential Annual	7. Emissions Method Code: 3 *			
,	Max Hourly Co = (40 lb/1000 gal)(Oil Hour) = 29,127 lb/hr Potential Annual			·
9. Pollutant Potential/Estimated Emissions Comment : None.		s Comment :		

III. Part 9b - 7

DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 1	1			
Pollutant Detail Information :	Pollutant	7		
1. Pollutant Emitted: H095 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.34	lb/hour	1.42	tons/ye	ar
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions: HCOH = (405 lb/10^12 Btu)(832.2 MM = 0.337 lb/hr Potential Annual (HCOH)(8400 hr/yr) = 1.416 tpy	Btu/hr)			
9. Pollutant Potential/Estimated Emission None.	s Comment :			

III. Part 9b - 8

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 1	1			
Pollutant Detail Information:	Pollutant	8		
1. Pollutant Emitted: H015 *				
2. Total Percent Efficiency of Control :	0,00	%		
3. Potential Emissions : 0.10	lb/hour	0.40		tons/year
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	issions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu		+*		
7. Emissions Method Code: 3				
8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using hi Sb = (46 lb/10^12 Btu)(832.2 MMBtu/hr = 0.038 lb/hr Annual Potential (Sb)(8400 hr/yr) = 0.161 tpy				 .
Pollutant Potential/Estimated Emissions None.	s Comment :			

III. Part 9b - 9

DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 1	1				
Pollutant Detail Information :	Pollutan	9			
Pollutant Emitted: H021 *				_	
2. Total Percent Efficiency of Control :	0.00	%			_
3. Potential Emissions : 0.00	lb/hour	0.02		tons/year	
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other Emis	sions:		to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu		**			
7. Emissions Method Code: 3 *					_
8. Calculations of Emissions: Be = (4.2 lb/10^12 Btu)(832.2 MMBtu/hr) = 0.003 /b/hr Annual Potential (Be)(8400 hr/yr) = 0.015 tpy)				
9. Pollutant Potential/Estimated Emissions	Comment :				
None.					

III. Part 9b - 10

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 1				
Pollutant Detail Information:	Pollutant	01		
T. Pollutant Emitted: H027 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.18	lb/hour	0.74	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	issions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions: Cd = (211 lb/10^12 Btu)(832.2 MMBtu/i = 0.176 lb/hr Annual Potential (Cd)(8400 hr/yr) = 0.737 tpy	nr)			
Pollutant Potential/Estimated Emissions None.	s Comment :			

III. Part 9b - 11

DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 1	1			
Pollutant Detail Information :	Pollutant	11		
1. Pollutant Emitted: H046 *				
2. Total Percent Efficiency of Control :	0.00	%		- .
3. Potential Emissions : 0.11	lb/hour	0.45	tons/year	
4. Synthetically Limited? [] Yes [X] No			•	
5. Range of Estimated Fugitive/Other Em	nissions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*		
7. Emissions Method Code: 3	•			
8. Calculations of Emissions : Cr = (128 lb/10^12 Btu)(832.2 MMBtu/ = 0.107 lb/hr Annual Potential (Cr)(8400hr/yr) = 0.447 tpy	'hr)			
9. Pollutant Potential/Estimated Emission	ns Comment :			
None.				

III. Part 9b - 12

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 1	1			
Pollutant Detail Information:	Pollutant	12		
1. Pollutant Emitted: H047 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 0.10	lb/hour	0.42	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions : Co = (121 lb/10^12 Btu)(832.2 MMBtu/ = 0.101 lb/hr Annual Potential (Co)(8400 hr/yr) = 0.423	'h r)			
Pollutant Potential/Estimated Emission None.	s Comment :			

III. Part 9b - 13

DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 1	1		LEA"
Pollutant Detail Information:	Pollutant	13	
l. Pollutant Emitted: H110 *			
2. Total Percent Efficiency of Control :	0.00	%	
3. Potential Emissions : 0.21	lb/hour	0.87	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other En	nissions:	to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*	
7. Emissions Method Code: 3	•		
8. Calculations of Emissions: Pb = (194 lb/10^12 Btu)(832.2 MMBtu = 0.161 lb/hr Contribution of metals from used oil = Assuming metals could be primarily Pb Pb = Pb + Metals = 0.208 lb/hr Annual Potential (Pb)(8400 hr/yr) = 0.678 tpy + Metals =	0.047 lb/hr o or Ni:		
9. Pollutant Potential/Estimated Emission .None.	ns Comment :		

III. Part 9b - 14

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 1				
Pollutant Detail Information :	Pollutant	14		
Pollutant Emitted: H113 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.06	lb/hour	0.26	tons/ye	ar
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions :				
Mn = (74 lb/10^12 Btu)(832.2 MMBtu/hi = 0.062 lb/hr Annual Potential (Mn)(8400hr/yr) = 0.259 tpy	r)			
9. Pollutant Potential/Estimated Emissions	Comment:			
None.				

III. Part 9b - 15

DEP Form No. 62-210.900(1) - Form

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

oiler 1				
ollutant Detail Information:	Pollutant	15		
1. Pollutant Emitted: H133 *				
2. Total Percent Efficiency of Control	: 0.00	%		
3. Potential Emissions : 1.99	lb/hour	8.34	tons/yea	<u>-</u>
I. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other F	Emissions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed Unit Code : Ib/10^12 Btu		+*		
7. Emissions Method Code: 3	*			
 Calculations of Emissions : Ni = (2330 lb/10^12 Btu)(832.2 MME 	Btu/hr)			

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DEP Form No. 62-210.900(1) - Form Effective: 3-21-96

Emissions Unit Information Section Boiler 1	I			
Pollutant Detail Information:	Pollutant			
1. Pollutant Emitted: H162 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.03	lb/hour	0.13		tons/year
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu		+*		
7. Emissions Method Code ; 3 *				
8. Calculations of Emissions : Se = (38 lb/l0^12 Btu)(832.2 MMBtu/hr) = 0.032 lb/hr Annual Potential (Se)(8400 hr/yr) = 0.133 tpy)			
Pollutant Potential/Estimated Emissions None.	s Comment :			

III. Part 9b - 17

DEP Form No. 62-210.900(1) - Form

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 1	1		
Pollutant Detail Information:	Pollutant	17	
1. Pollutant Emitted: T035 *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 30.80	lb/hour	129.20	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Er	nissions:	to	tons/year
6. Emissions Factor : Reference : See Below Unit Code : ppm		+*	
7. Emissions Method Code: 2			
8. Calculations of Emissions : Assume Maximum Cl in used oil = 100 HCl = (66.1 %)(1000 ppm)(8 lb/gal)(O = 30.758 lb/hr Annual Potential (HCL)(8400 hr/yr) = 129.184 tpy			
9. Pollutant Potential/Estimated Emissio	ns Comment :		
None.			

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler I				
Pollutant Detail Information:	Pollutant	18		
1. Pollutant Emitted: H114 +				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.27	lb/hour	0.11	ton	s/year
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*		
7. Emissions Method Code : 3 *				
8. Calculations of Emissions: Max Hourly Hg = (32 lb/l0^12 Btu)(832.2 MMBtu/h = 0.027 lb/hr Annual Potential (Hg)(8400 hr/yr) = 0.111 tpy	r)			
Pollutant Potential/Estimated Emission. None.	s Comment :			

III. Part 9b - 19

DEP Form No. 62-210,900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

` `	•		• /
Emissions Unit Information Section Boiler 2			
Pollutant Detail Information :	Pollutant	_1_	
1. Pollutant Emitted: PM *			
2. Total Percent Efficiency of Control :	0.00	%	
3. Potential Emissions : 604.90	lb/hour	846.90	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other En	nissions:	to	tons/year
6. Emissions Factor : Reference : Permit Unit Code : lb/MMBtu		+*	
7. Emissions Method Code: 2			
8. Calculations of Emissions : Max Hourly PM = (0.3 lb/MMBtu)(2016.5 MMBtu/l = 604.9 lb/hr Potential Annual PM = (0.1 lb/MMBtu)(2016.5 MMBtu/l = 846.9 TPy			
Pollutant Potential/Estimated Emission			

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 2			
Pollutant Detail Information:	Pollutant		
1. Pollutant Emitted: PM10 *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 429.50	lb/hour	601.30	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emi	ssions:	to	tons/year
6. Emissions Factor : Reference : Permit Unit Code : Ib/MMBtu		+*	
7. Emissions Method Code: 2 •			
8. Calculations of Emissions: AP42, 5th ed., indicates while burning re emissions. Max Hourly PM10 = (0.71)(0.3 lb/MMBtu)(2016.5 M = 429.5 lb/hr Potential Annual PM10 = (0.71)(0.1 lb/MMBtu)(2016.5 M = 601.3 tpy	MBtu/hr)		71% of uncontrolled PM
Pollutant Potential/Estimated Emissions None.	s Comment :		

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DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Boiler 2				
Pollutant Detail Information:	Pollutant	3		
1. Pollutant Emitted: SO2 *		_		
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions :		_		
5,545.40	lb/hour	23,290.60	tons/year	
4. Synthetically Limited? [] Yes [X] No			,	
5. Range of Estimated Fugitive/Other Em	issions:	to		tons/year
6. Emissions Factor : Reference : Permit Unit Code : lb/MMBtu		·*		
7. Emissions Method Code: 2				
8. Calculations of Emissions :				
Max Hourly				
SO2 = (2.75 lb/MMBtu)(2016.5 MMBtu = 5545.4 lb/hr	ı∕hr)			
Potential Annual				
SO2 = (2.75 lb/MMBtu)(2016.5 MMBtt = 23290.6 tpy	u/hr)(8400 hr/yr)			
9. Pollutant Potential/Estimated Emission	ns Comment :			

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 2			
Pollutant Detail Information:	Pollutant	4	
1. Pollutant Emitted: NOX *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 945,74	lb/hour	3,972.10	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emi	ssions:	to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/1000 gal oil		+*	
7. Emissions Method Code: 3 *			
8. Calculations of Emissions :			
Max Hourly OilHour = (2016.5 MMBtu/hr)(1/OilBtu) = 14115.5 gal/hr NOx = (67)(lb/1000 gal)(Oil Hour) = 945.738 lb/hr Potential Annual	,		
NOx = (8400 hr/yr)(NOx) = 3972.101 tp	y 		
9. Pollutant Potential/Estimated Emissions	Comment:		
None			

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DEP Form No. 62-210.900(1) - Form

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 2			
Pollutant Detail Information :	Pollutant	5	
1. Pollutant Emitted: CO *			<u> </u>
2. Total Percent Efficiency of Control :	0.00	%	
3. Potential Emissions :			
89.95	lb/hour	377.78	tons/year
Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emi	ssions:	to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/MMScf		+*	
7. Emissions Method Code : 3 *			
8. Calculations of Emissions :			
Max Hourly CO = (40 lb/MMscf)(GasHour) = 89.948 lb/hr Potential Annual CO = (8400 hr/yr)(CO) = 377.783 tpy			
Pollutant Potential/Estimated Emissions None.	Comment:		

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 2	2			
Pollutant Detail Information:	Pollutant	6		
1. Pollutant Emitted : VOC *		-		
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 10.73	lb/hour	45.06	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emis	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/MMBtu		+*		
7. Emissions Method Code : 3 *				
8. Calculations of Emissions :				
Non-Methane TOC Emissions (AP-42, 5t	h ed.)			
Max Hourly				
TOC = (0.76)(lb/1000 gal)(OilHour) = 10.728 lb/hr				
Potential Annual				
(TOC)(8400 hr/yr) = 45.057 tpy				
9. Pollutant Potential/Estimated Emissions	Comment:			
None.				

III. Part 9b - 25

DEP Form No. 62-210.900(I) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 2					
Pollutant Detail Information :	Pollutant	7			
1. Pollutant Emitted: H095 *					
2. Total Percent Efficiency of Control :	0.00	%			
3. Potential Emissions : 0.82	lb/hour	3.43		tons/year	
4. Synthetically Limited? [] Yes [X] No				•	
5. Range of Estimated Fugitive/Other Em	issions:		to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*			
7. Emissions Method Code: 3 *					
8. Calculations of Emissions: Max Hourly HCOH = (405 lb/10^12 Btu)(2016.5 Ml = 0.817 lb/hr Potential Annual HCOH = (HCOH)(8400 hr/yr) = 3.43 tpy	MBtw/hr)				
9. Pollutant Potential/Estimated Emission None.	s Comment :				

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 2	2			
Pollutant Detail Information:	Pollutant	8		
1. Pollutant Emitted: H015 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.23	lb/hour	0.97	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	issions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions :				
As = (114 lb/10^12 Btu)(2016.5 MMBtu = (0.23 lb/hr Annual Potential (As)(8400 hr/yr) = 0.965 tpy	/hr)			
9. Pollutant Potential/Estimated Emission	s Comment :			
None.				

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DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 2	2				
Pollutant Detail Information :	Pollutant	9			
1. Pollutant Emitted: H021 *					
2. Total Percent Efficiency of Control:	0.00	%			_
3. Potential Emissions : 0.01	lb/hour	0,04		tons/year	
4. Synthetically Limited? [] Yes [X] No	_				_
5. Range of Estimated Fugitive/Other Em	issions:		to		tons/year
6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: Ib/10^12 Btu		+*			
7. Emissions Method Code: 3					
8. Calculations of Emissions : Be = (4.2 lb/10^12 Btu)(2016.5 MMBtu = 0.008 lb/hr Annual Potential (Be)(8400 hr/yr) = 0.036 tpy	/hr)				_
9. Pollutant Potential/Estimated Emission	ns Comment :				
None.					

III. Part 9b - 28

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 2				
Pollutant Detail Information:	Pollutant			
1. Pollutant Emitted: H027 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.43	lb/hour	1.79	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		io	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 MMBtr	u	+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions : Max Hourly Cd = (211 lb/10^12 Btu)(2016.5 MMBtu = 0.425 lb/hr Annual Potential (Cd)(8400 hr/yr) = 1.787 tpy	/hr)			
Pollutant Potential/Estimated Emissions None.	s Comment :			

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DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 2	2				
Pollutant Detail Information :	Pollutant	i <u>II</u>			
1. Pollutant Emitted: H046 *					-
2. Total Percent Efficiency of Control:	0.00	%			
3. Potential Emissions : 0.26	lb/hour	1.08		tons/year	
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other Emi	ssions:		to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : 1b/10^12 Btu		+*			
7. Emissions Method Code: 3 *					
8. Calculations of Emissions : Max Hourly Cr = (128 lb/l0^12 Btu)(2016.5 MMBtu/ = 0.258 lb/lr Annual Potential (Cr)(8400 hr/yr) = 1.084 tpy	hr)				- 18
9. Pollutant Potential/Estimated Emissions	Comment:				
None.				•	

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 2				
Pollutant Detail Information :	Pollutant			
I. Pollutant Emitted: H047 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 0.24	lb/hour	1.02	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	t	0	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 MMB	tu	+*		
7. Emissions Method Code: 3				
8. Calculations of Emissions : Max Hourly Co = (121 lb/10^12 Btu)(2016.5 MMBti = 0.244 lb/hr Annual Potential (Co)(8400 hr/yτ) = 1.025 tpy	u/hr)			
Pollutant Potential/Estimated Emission None.	ns Comment :			

III. Part 9b - 31

DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 2	2			
Pollutant Detail Information:	Pollutant	13		
1. Pollutant Emitted: H110 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 0.05	lb/hour	2.12	tons/year	r
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		••		_
7. Emissions Method Code: 3	,			
8. Calculations of Emissions: Max Hourly Pb = (194 lb/10^12 Btu)(2016.5 MMBtu = 0.425 lb/hr Pb + Metals = 0.0504 lb/hr Annual Potential (Cd)(8400 hr/yr) = 1.643 tpy Pb + Metals = 2.117 tpy	u/hr)			
Pollutant Potential/Estimated Emission Assume that the metals from used oil, c 0.113 lb/hr and 0.474 tpy of metals will	ould be primarily			

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 2	2			
Pollutant Detail Information:	Pollutant	14		
1. Pollutant Emitted: H113 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.15	lb/hour	0.63	tons/y	/ear
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions : Max Hourly Mn = (74 lb/10^12 Btu)(2016.5 MMBtu/1 = 0.149 lb/hr Annual Potential (Mn)(8400 hr/yr) =0.627 tpy	hr)			,
Pollutant Potential/Estimated Emissions None.	s Comment :			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 2				
Pollutant Detail Information :	Pollutant	15		
1. Pollutant Emitted: H114 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.07	lb/hour	0.27		tons/year
Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions: Max Hourly Hg = (32 lb/10^12 Btu)(2016.5 MMBtu/ = 0.065 lb/hr Annual Potential (Hg)(8400 hr/yr)=0.271 tpy	hr)			
Pollutant Potential/Estimated Emission None.	s Comment:			

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Emissions Unit Information Section Boiler 2	2			
Pollutant Detail Information:	Pollutant	16		
1. Pollutant Emitted: H133 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 4.81	lb/hour	20.21	tons/ye	ar
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions :				
Max Hourly Ni = (2330 lb/10^12 Btu)(2016.5 MMBtu = 4.6698 lb/hr Ni + Metals = 4.811 lb/hr Annual Potential (Ni)(8400 hr/yr) =19.733 tpy Ni + Metals = 20.208 tpy	u/hr)			
0 P. 1 P 145	<u> </u>			
Pollutant Potential/Estimated Emissions None.	s Comment :			

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DEP Form No. 62-210,900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 2				
Pollutant Detail Information :	Pollutant	17		
1. Pollutant Emitted: H162 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions :	lb/hour	0.22		*****
0.08	10/nour	0.32		tons/year
Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu	1117	+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions : Max Hourly Se = (38 lb/10^12 Btu)(2016.5 MMBtu/l = 0.077 lb/hr Annual Potential (Se)(8400 hr/yr) =0.322 tpy	nr)			
9. Pollutant Potential/Estimated Emission	s Comment :			
None.				

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Emissions Unit Information Section Boiler 2			
Pollutant Detail Information :	Pollutant	18	
1. Pollutant Emitted: T035 *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 74.53	lb/hour	313.02	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	issions:	to	tons/year
6. Emissions Factor : Reference : See below. Unit Code : ppm		+*	
7. Emissions Method Code: 2 *			
8. Calculations of Emissions :			
Assume maximum Cl is in used oil = 100	00 ppm		
Max Hourly HCl = (66.1 %)(1000 ppm)(8 lb/gal)(Oil = 74.53 lb/hr	Hour)		
Annual Potential $(HCl)(8400 \text{ hr/yr}) = 313.205 \text{ tpy}$			
9. Pollutant Potential/Estimated Emission	s Comment :		
None.			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 3	3		
Pollutant Detail Information :	Pollutant	<u> </u>	
Pollutant Emitted: PM * * * * * * * * * * * * *	_		
2. Total Percent Efficiency of Control :	0.00	%	
3. Potential Emissions : 914.60	lb/hour	1,300.00	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	issions:	to	tons/year
6. Emissions Factor : Reference : Pennit. Unit Code : Ib/MMBtu		+*	_
7. Emissions Method Code: 2 *			
8. Calculations of Emissions : PM Emission From Permit Max Hourly PM = (0.3 lb/MMBtu)(3048.8 MMBtu/h = 914.6 lb/hr	г)		
Potential Annual PM = (0.1 lb/MMBtu)(3048.8 MMBtu/h = 1300 tpy	r)(8400 hr/yr)		
9. Pollutant Potential/Estimated Emission	s Comment :		
Permit Restriction PM for Steady State 0.1 lb/MMBtu PM for Soot-blowing 0.3 lb/MMBtu Ma	ıx. 3 hrs.		

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Emissions Unit Information Section Boiler 3	3		
Pollutant Detail Information :	Pollutant		
1. Pollutant Emitted: PM10 +			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 649.40	lb/hour	909.20	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	issions:	to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/MMBtu		, *	
7. Emissions Method Code: 2 *	·		
8. Calculations of Emissions: Ap42, 5th ed., indicates while burining remissions Max Hourly PM10 = (0.71)(0.3 lb/MMBtu)(3048.8 M = 649.4 lb/hr Potential Annual PM10 = (0.71)(0.1 lb/MMBtu)(3048.8 M = 909 tpy	1MBtu/hr)	·	71 % of uncontrolled PM
9. Pollutant Potential/Estimated Emission None.	s Comment :		

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 3	3			
Pollutant Detail Information :	Pollutant	3		
1. Pollutant Emitted: SO2 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 8,384.20	lb/hour	35,213.60	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	iissions:	to	:	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : Ib/MMBtu		+*		
7. Emissions Method Code: 2	,			
8. Calculations of Emissions : SO2 Emissions from permit Max Hourly SO2 = (2.75 lb/MMBtu)(3048.8 MMBt) = 8384.2 lb/hr Potential Annual SO2 = (2.75 lb/MMBtu)(3048.8 MMBt) = 53213.6 tpy				
Pollutant Potential/Estimated Emission Permit Restriction Sulfur Dioxide 2.75 lb/MMBtu; Test M		ysis.		

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Emissions Unit Information Section Boiler 3	3		
Pollutant Detail Information:	Pollutant	4	
T. Pollutant Emitted: NOX *			
2. Total Percent Efficiency of Control :	0.00	%	
3. Potential Emissions :			
1,429.89	lb/hour	6,005.53	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other En	nissions:	to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/1000 gal		+*	
7. Emissions Method Code: 3	•		
8. Calculations of Emissions:			•
NOX Emissions from AP42, 5th ed.			
Max Hourly			
OilHour = (3048.8 MMBtu/hr)(1/OilBt	u)		
= 21341.6 gal/hr NOx = (67 lb/1000 gal)(OilHour)			
= 1429.887 lb/hr			
Potential Annual			
(8400 hr/yt)(NOx) = 6005.525 tpy			
9. Pollutant Potential/Estimated Emission	ns Comment :		
None.			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 3	3		
Pollutant Detail Information :	Pollutant	5	
I. Pollutant Emitted: CO *			
2. Total Percent Efficiency of Control :	0.00	%	_
3. Potential Emissions : 128.34	lb/hour	539.03	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other En	nissions:	to	tons/year
6. Emissions Factor: Reference: AP42, 5th ed. Ib/1000 gal 7. Emissions Method Code: 3		.*	
8. Calculations of Emissions : CO emissions from AP42, 5th ed. Max Hourly CO = (40 lb/1000 gal)(GasHour) = 128.34 lb/hr Potential Annual (8400 hr/yr)(CO) = 539.028 tpy			·
Pollutant Potential/Estimated Emissio None.	ons Comment :		

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Emissions Unit Information Section Boiler 3				
Pollutant Detail Information :	Pollutant	6		
1. Pollutant Emitted: VOC *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 4.53	lb/hour	16.22	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/1000 gal		+*		
7. Emissions Method Code : 3 *				
8. Calculations of Emissions: Non-Methane TOC emissions from Ap42 TOC = ((0.76 lb/1000 gal)(OilHour) = 16.22 lb/hr Potential Annual (TOC)(8400 hr/yr) = 68.122 tpy	, 5th-ed.			
Pollutant Potential/Estimated Emissions None.	Comment:			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 3	3			
Pollutant Detail Information:	Pollutant	7		
1. Pollutant Emitted: H095 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions :	lb/hour	5.19	tons/ye	ar
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: lb/10^12 Btu		+*		
7. Emissions Method Code : 3 *				
8. Calculations of Emissions: Formaldehyde emissions from AP42, 5th Max Hourly HCOH = (405 lb/10^12 Btu)(3048.8 MN = 1.235 lb/hr Potential Annual (HCOH)(8400 hr/yr) = 5.186 tpy		:0 405 lb/10	E I 2 Btu	
Pollutant Potential/Estimated Emission None.	s Comment :			

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Emissions Unit Information Section Boiler 3	3				
Pollutant Detail Information:	Pollutant	8			
1. Pollutant Emitted: H015 *					
2. Total Percent Efficiency of Control:	0.00	%			
3. Potential Emissions : 0.35	lb/hour	1.46		tons/year	
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other Em	issions:		to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu		+*			
7. Emissions Method Code: 3 *					
8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using hi Max Hourly As = (114 lb/10^12 Btu)(3048.8 MMBtu = 0.348 lb/hr Annual Potential (As)(8400 hr/yr) = 1.46 tpy	-				
Pollutant Potential/Estimated Emission None.	s Comment :				=

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 3	3				
Pollutant Detail Information :	Pollutant	9			
1. Pollutant Emitted: H021 *					_
2. Total Percent Efficiency of Control:	0.00	%			
3. Potential Emissions : 0.35	lb/hour	1.46		tons/year	
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other Em	issions:		to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*			
7. Emissions Method Code: 3	•				
8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using h Max Hourly Be = (4.2 lb/10^12 Btu)(3048.8 MMBtu = 0.013 lb/hr Annual Potential (Be)(8400 hr/yr) = 0.054 tpy					
9. Pollutant Potential/Estimated Emission None.	ns Comment :				

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Emissions Unit Information Section Boiler 3	3			
Pollutant Detail Information:	Pollutant			
1. Pollutant Emitted: H027 *		· · · · · · · · · · · · · · · · · · ·		
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 0.64	lb/hour	2.70	tons/yea	г
4. Synthetically Limited? [] Yes [X] No			_	
5. Range of Estimated Fugitive/Other Emis	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions :				
Trace Elements (AP42, 5th ed.), using hig	h end of range			
Max Hourly Cd = (211 lb/10^12 Btu)(3048.8 MMBtu/	he\			
= 0.643 lb/hr	nk)			
Annual Potential				
(Cd)(8400 hr/yr) = 2.702 tpy				
9. Pollutant Potential/Estimated Emissions	Comment:			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 3	3			
Pollutant Detail Information :	Pollutant	11		
1. Pollutant Emitted: H046 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0,39	lb/hour	1.64	tons/y	ear
Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using h Max Hourly Cr = (128 lb/10^12 Btu)(3048.8 MMBtu = 0.39 lb/hr Annual Potential (Cr)(8400 hr/yr) = 1.639 tpy	-			
Pollutant Potential/Estimated Emission None.	is Comment :			

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Emissions Unit Information Section Boiler 3					
Pollutant Detail Information:	Pollutant	12			
1. Pollutant Emitted: H047 *					
2. Total Percent Efficiency of Control:	0.00	%			
3. Potential Emissions : 0.37	lb/hour	1.55	t	ons/year	
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other Emi	ssions:		to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu		+*			•
7. Emissions Method Code: 3 *	1				
8. Calculations of Emissions :					
Trace Elements (AP42, 5th ed.), using high	gh end of range				
Max Hourly Co = (121 lb/10^12 Btu)(3048.8 MMBtu	(hr)				
= 0.369 lb/hr	111)				
Annual Potential				·	
(Co)(8400 hr/yr) = 1.549 tpy					
9. Pollutant Potential/Estimated Emissions	Comment:				
None.					

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information: 1. Pollutant Emitted: H110 2. Total Percent Efficiency of Control: 0.00 3. Potential Emissions: 0.76 lb/hour 3.20 tons/year 4. Synthetically Limited? [] Yes	Emissions Unit Information Section Boiler 3				
2. Total Percent Efficiency of Control: 0.00 % 3. Potential Emissions: 0.76 lb/hour 3.20 tons/year 4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: lb/10^12 Btu +* 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using high end of range Max Hourly Pb = (194 lb/10^12 Btu)(3048.8 MMBtu/hr) = 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:	Pollutant Detail Information :	Pollutant	13		
3. Potential Emissions: 0.76 lb/hour 3.20 tons/year 4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: AP42, 5th ed. Unit. Code: lb/10^12 Btu +* 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using high end of range Max Hourly Pb = (194 lb/10^12 Btu)(3048.8 MMBtu/hr) = 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:	I. Pollutant Emitted: H110 +			_	
0.76 lb/hour 3.20 tons/year 4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu	2. Total Percent Efficiency of Control:	0.00	. %		
4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: lb/10^12 Btu +* 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using high end of range Max Hourly Pb = (194 lb/10^12 Btu)(3048.8 MMBtu/hr) = 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:					
5. Range of Estimated Fugitive/Other Emissions: 6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: lb/10^12 Btu +* 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using high end of range Max Hourly Pb = (194 lb/10^12 Btu)(3048.8 MMBtu/hr) = 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:	0.76	lb/hour	3.20	tons	/year
to tons/year 6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: Ib/10^12 Btu +* 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using high end of range Max Hourly Pb = (194 lb/10^12 Btu)(3048.8 MMBtu/hr) = 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:					
Reference: AP42, 5th ed. Unit Code: Ib/10^12 Btu +* 7. Emissions Method Code: 3 * 8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using high end of range Max Hourly Pb = (194 lb/10^12 Btu)(3048.8 MMBtu/hr) = 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:	5. Range of Estimated Fugitive/Other E	missions:		to	tons/year
8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using high end of range Max Hourly Pb = (194 lb/10^12 Btu)(3048.8 MMBtu/hr) = 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:	Reference: AP42, 5th ed.		+*		
Trace Elements (AP42, 5th ed.), using high end of range Max Hourly Pb = (194 lb/10^12 Btu)(3048.8 MMBtu/hr) = 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:	7. Emissions Method Code: 3	*			
Max Hourly Pb = (194 lb/10^12 Btu)(3048.8 MMBtu/hr) = 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:	8. Calculations of Emissions :				
Max Hourly Pb = (194 lb/10^12 Btu)(3048.8 MMBtu/hr) = 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:	Trace Elements (AP42, 5th ed.), using	high end of range			
= 0.591 lb/hr Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:	Max Hourly				
Assume Metal from used oil could be primarily either Pb or Ni Pb = Pb + Metals = 0.762 lb/hr Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:		Stu/hr)			
Annual Potential (Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment:	Assume Metal from used oil could be	primarily either Pb	or Ni		
(Pb)(8400 hr/yr) = 2.484 tpy Pb + Metals = 3.201 tpy 9. Pollutant Potential/Estimated Emissions Comment :					
9. Pollutant Potential/Estimated Emissions Comment :		•			
	Pb + Metals = 3.201 tpy				
	9 Pollutant Potential/Estimated Emissi	ons Comment :			

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Emissions Unit Information Section Boiler 3	3				
Pollutant Detail Information ;	Pollutant	14			
1. Pollutant Emitted: H113 *					
2. Total Percent Efficiency of Control:	0.00	%			
3. Potential Emissions : 0.23	lb/hour	0.95		tons/year	
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other Emi	issions:		ŧo		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^12 Btu		+*			
7. Emissions Method Code : 3 *					
8. Calculations of Emissions :					
Trace Elements (AP42, 5th ed.), using hi Max Hourly	gh end of range				
Mn = (74 lb/10^12 Btu)(3048.8 MMBtu/ = 0.226 lb/hr Annual Potential	hr)				
(Mn)(8400 hr/yr) = 0.948 tpy	•				
9. Pollutant Potential/Estimated Emissions	s Comment :				
None.					

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Boiler 3					
ollutant Detail Information :	Pollutant	15			
Pollutant Emitted: H114 *					
2. Total Percent Efficiency of Control :	0,00	%			
3. Potential Emissions : 0.10	lb/hour	0.41		tons/year	
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other En	missions:		to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^12 Btu		+*			
7. Emissions Method Code: 3	*				
8. Calculations of Emissions :					
Trace Elements (AP42, 5th ed.), using Max Hourly (Hg = (32 lb/l0^12 Btu)(3048.8 MMB = 0.098 lb/hr					
- 0.096 ft/fif Annual Potential (Hg)(8400 hr/yr) = 0.487 tpy					
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missions Unit Information Section 3 oiler 3	
P. Pollutant Potential/Estimated Emissions Comment :	
None.	

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 3	3			
Pollutant Detail Information :	Pollutant	16		
Pollutant Emitted: H133				
2. Total Percent Efficiency of Control :	00,0	%		
3. Potential Emissions : 7.27	lb/hour	30.55	tons/yea	г
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	to		tons/year
6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: 1b/10^12 Btu 7. Emissions Method Code: 3		+*		_
Emissions Method Code: 3 Calculations of Emissions:				
8. Calculations of Emissions: Trace Elements (AP42, 5th ed.), using h Max Hourly Ni = (2330 lb/10^12 Btu)(3048.8 MMB: = 7.104 lb/hr Assume metals from used oil could be p Ni = Ni + Metals = 7.274 lb/hr Annual Potential (Ni)(8400 hr/yr) = 29.836 tpy Ni + Metals = 30.553	tu/hr)	or Ni		
9. Pollutant Potential/Estimated Emission	ns Comment :			
None.				

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Emissions Unit Information Section Boiler 3	3				
Pollutant Detail Information :	Pollutant	17			
1. Pollutant Emitted: H162 *					
2. Total Percent Efficiency of Control:	0.00	%			
3. Potential Emissions : 0.12	lb/hour	0.49		tons/year	
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other Emi	ssions:		to		tons/year
6. Emissions Factor: Reference: AP42, 5th ed. Unit Code: lb/10^12 Btu		+*			
7. Emissions Method Code : 3 *					
8. Calculations of Emissions :					_
Trace Elements (AP42, 5th ed.), using his	gh end of range				
Max Hourly Se = (38 lb/10^12 Btu)(3048.8 MMBtu/h	-1				
= 0.116 lb/hr	1)				
Annual Potential				*	
(Se)(8400 hr/yr) = 0.487 tpy					
9. Pollutant Potential/Estimated Emissions	Comment:				
None.					

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Boiler 3				
Pollutant Detail Information:	Pollutant	18		
1. Pollutant Emitted: T035 *				_
2. Total Percent Efficiency of Control:	0.00	%		•
3. Potential Emissions : 112.68	lb/hour	47.00	tons/year	
4. Synthetically Limited? [] Yes [X] No			_	
5. Range of Estimated Fugitive/Other Em	issions:	to		tons/year
6. Emissions Factor : Reference : See Below. Unit Code : ppm		+*		
7. Emissions Method Code: 2				
8. Calculations of Emissions : Assume Maximum Cl in used oil = 1000 HCl = (66.1 %)(1000 ppm)(8 lb/gal)(Oil = 112.684 lb/hr Annual Potential (HCL)(8400 hr/yr) = 473.217 tpy				
9. Pollutant Potential/Estimated Emission None.	s Comment :			

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I. Pollutant Emitted: NOX * 2. Total Percent Efficiency of Control: 65.00 % 3. Potential Emissions: 236.60 lb/hour 1,036.40 tons/year 4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: Permit. Unit Code: lb/hr +* 7. Emissions Method Code: 2 *	Emissions Unit Information Section Combustion Turbine A	4		
2. Total Percent Efficiency of Control: 65.00 % 3. Potential Emissions: 236.60 lb/hour 1,036.40 tons/year 4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: Permit. Unit Code: lb/hr +* 7. Emissions Method Code: 2 * 8. Calculations of Emissions: Combustion Turbines A & B (each) Permit Restrictions Gas NOx = 75.1 lb/hr Annual Potential (NOx)(8760 hr/yr) = 328.9 tpy Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:	Pollutant Detail Information:	Pollutant	ı	
3. Potential Emissions: 236.60 lb/hour 1,036.40 tons/year 4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: Permit. Unit Code: lb/hr	I. Pollutant Emitted: NOX *			
4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: to tons/year 6. Emissions Factor: Reference: Permit. Unit Code: lb/hr +* 7. Emissions Method Code: 2 * 8. Calculations of Emissions: Combustion Turbines A & B (each) Permit Restrictions Gas NOx = 75.1 lb/hr Annual Potential (NOx)(8760 hr/yr) = 328.9 tpy Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:	2. Total Percent Efficiency of Control :	65.00		
[] Yes	3. Potential Emissions : 236.60	lb/hour	1,036.40	tons/year
to tons/year 6. Emissions Factor: Reference: Permit. Unit Code: lb/hr +* 7. Emissions Method Code: 2 * 8. Calculations of Emissions: Combustion Turbines A & B (each) Permit Restrictions Gas NOx = 75.1 lb/hr Annual Potential (NOx)(8760 hr/yr) = 328.9 ppy Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:			_	
Reference: Permit. Unit Code: 1b/hr +* 7. Emissions Method Code: 2 * 8. Calculations of Emissions: Combustion Turbines A & B (each) Permit Restrictions Gas NOx = 75.1 lb/hr Annual Potential (NOx)(8760 hr/yr) = 328.9 ppy Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:	5. Range of Estimated Fugitive/Other Emiss	ions;	to	tons/year
8. Calculations of Emissions: Combustion Turbines A & B (each) Permit Restrictions Gas NOx = 75.1 lb/hr Annual Potential (NOx)(8760 hr/yr) = 328.9 tpy Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:			+*	
Combustion Turbines A & B (each) Permit Restrictions Gas NOx = 75.1 lb/hr Annual Potential (NOx)(8760 hr/yr) = 328.9 tpy Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:	7. Emissions Method Code: 2 *			-
Permit Restrictions Gas NOx = 75.1 lb/hr Annual Potential (NOx)(8760 hr/yr) = 328.9 tpy Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:	8. Calculations of Emissions :			
Gas NOx = 75.1 lb/hr Annual Potential (NOx)(8760 hr/yr) = 328.9 py Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:				
Annual Potential (NOx)(8760 hr/yr) = 328.9 tpy Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:				
(NOx)(8760 hr/yr) = 328.9 tpy Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:				
Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:				
(NOx)(8760 hr/yr) = 518.2 tpy 9. Pollutant Potential/Estimated Emissions Comment:				
9. Pollutant Potential/Estimated Emissions Comment :	Annual Potential			
	(NOx)(8760 hr/yr) = 518.2 tpy			
III. Part 9h - 57	9. Pollutant Potential/Estimated Emissions C	Comment:		
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	III Dari	9h - 57		

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section

Combustion Turbine A

Permit Restrictions for NOx For Gas 75.1 lb/hr/unit

328.9 TPY/unit 658 tpy/2 units

For Oil 118.3 lb/hr/unit 518.2 TPY/unit

1036.5 TPY/2 units



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Emissions Unit Information Section Combustion Turbine A			
ollutant Detail Information :	Pollutant	2	
I. Pollutant Emitted: SO2 *			
2. Total Percent Efficiency of Control:	0.00	%	
2. Total refeeling Efficiency of Control .	0.00	70	
3. Potential Emissions : 285.40	b/hour	1,250.00	tons/year
4. Synthetically Limited?		1,250.00	
[] Yes [X] No			
5. Range of Estimated Fugitive/Other Emiss	ions:	to	tons/year
7 P P	_		tons/year
6. Emissions Factor : Reference : Permit. Unit Code : Ib/hr		+*	
. Emissions Method Code : 2			
8. Calculations of Emissions :			
Combustion Turbines A & B (each) Permit Restrictions			
Gas SO2 = 0.68 lb/hr			
Annual Potential (SO2)(8760 hr/yr) = 3.0 tpy			
Oil SO2 = 285.4 lb/hr			
Annual Potential $(SO2)(8760 \text{ hr/yr}) = 1250 \text{ tpy}$			
(SO2)(8700 fif7yr) = 1230 tpy			
9. Pollutant Potential/Estimated Emissions (Comment :		
			*
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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section	4
Combustion Turbine A	
Permit Restirctions:	
For Gas 0.34 lb/hr/unit	
518.2 TPY/unit	
1036.5 TP Y/2 units	
For Oil 142.7 lb/hr/unit	
625.0 TPY/unit	
1250 TPY/2 units	

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Emissions Unit Information Section	4			
Collutant Detail Information:	Pollutant	3		
I. Pollutant Emitted: CO *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions :	lb/hour	80.40	4	
20.20	10/nour	88.40	tons/year	ſ
4. Synthetically Limited? [] Yes [X] No		-		
5. Range of Estimated Fugitive/Other En	nissions:		4.0	*
			to	tons/year
6. Emissions Factor : Reference : Permit.				
Unit Code: #/hr		+*		
7. Emissions Method Code: 2	*			
8. Calculations of Emissions :	•			
These data were tabulated for PSD and		s in the lates	st permit, but were	max.
allowables in previous edition of permit Gas CO = 10 lb/hr	t, based on BACT.			
Annual Potential				
(CO)(8760 hr/yr) = 43.8 tpy				
Oil CO = 10.1 lb/hr				
Annual Potential				
(CO)(8760 hr/yr) = 44.2 tpy				
9. Pollutant Potential/Estimated Emissio	ns Comment :			
None.				
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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

missions Unit Information Section	4
mbustion Turbine A	<u>·</u>

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Emissions Unit Information Section Combustion Turbine A	4						
Pollutant Detail Information:	Pollutant	4					
I. Pollutant Emitted: PM •							
2. Total Percent Efficiency of Control :	0.00	%					
3. Potential Emissions : 20.00	lb/hour	87.60	tons/year				
4. Synthetically Limited? [] Yes [X] No							
5. Range of Estimated Fugitive/Other Em	issions:	to)	tons/year			
6. Emissions Factor : Reference : Permit Unit Code : Ib/hr	•	.*					
7. Emissions Method Code: 2							
8. Calculations of Emissions: These data (for each compustion turbines A, B) were tabulated for PSD and inventory purposes in the latest permit, but were max. allowables in previous edition of permit, based on BACT. Gas PM = 2.5 lb/hr Annual Potential (PM)(8760 hr/yr) = 10.9 tpy Oil PM = 10 lb/hr Annual Potential (PM)(8760 hr/yr) = 43.8 tpy							
Pollutant Potential/Estimated Emission None.	ns Comment :						

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine A	4							
Pollutant Detail Information:	Pollutant	5						
1. Pollutant Emitted: PM10 •								
2. Total Percent Efficiency of Control :	0.00	%						
3. Potential Emissions : 20.00	lb/hour	87.60	tons/year	_				
4. Synthetically Limited? [] Yes [X] No								
5. Range of Estimated Fugitive/Other En	missions:	to		tons/year				
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*						
7. Emissions Method Code: 2	*							
8. Calculations of Emissions: These data (for each compustion turbines A, B) were tabulated for PSD and inventory purposes in the latest permit, but were max. allowables in previous edition of permit, based on BACT. Gas PM10 = 2.5 lb/hr Annual Potential (PM10)(8760 hr/yτ) = 10.9 tpy Oil PM10 = 10 lb/hr Annual Potential (PM10)(8760 hr/yτ) = 43.8 tpy								
Pollutant Potential/Estimated Emissic None.	ons Comment :							

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Emissions Unit Information Section Combustion Turbine A	4			•			
Pollutant Detail Information:	Pollutant	6					
1. Pollutant Emitted: VOC *							
2. Total Percent Efficiency of Control:	0.00	%					
3. Potential Emissions : 8.00	lb/hour	35.00	tons/year				
4. Synthetically Limited? [] Yes [X] No			_				
5. Range of Estimated Fugitive/Other Emis	ssions:	to)	tons/year			
6. Emissions Factor : Reference : Permit. Unit Code : Ib/hr		+*					
7. Emissions Method Code: 2 *							
8. Calculations of Emissions: These data (for each compustion turbines A, B) were tabulated for PSD and inventory purposes in the latest permit, but were max. allowables in previous edition of permit, based on BACT. For both Gas and Oil VOC = 4.0 llb/hr Annual Potential (VOC)(8760 hr/yr) = 17.5 tpy							
Pollutant Potential/Estimated Emissions None.	Comment:						

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine A	4		
Pollutant Detail Information:	Pollutant	7	
1. Pollutant Emitted: SAM *			
2. Total Percent Efficiency of Control :	0.00	%	
3. Potential Emissions : 20.00	lb/hour	88,00	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	issions:	to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*	
7. Emissions Method Code : 2 *			-
8. Calculations of Emissions: These data (for each compustion turbine latest permit, but were max. allowables i Oil H2SO4 = 10 lb/hr Annual Potential (H2SO4)(8760 hr/yr) = 44.0 tpy			
Pollutant Potential/Estimated Emission None.	s Comment :		

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Emissions Unit Information Section Combustion Turbine A	4			
Pollutant Detail Information:	Pollutant	8		
1. Pollutant Emitted: H021 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 1.00	lb/hour	5.00	tons/year	
4. Synthetically Limited? [] Yes [X] No	-			
5. Range of Estimated Fugitive/Other Em	issions:	t	o	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : Ib/hr		+*		
7. Emissions Method Code: 2 *				
8. Calculations of Emissions :				
These data (for each compustion turbine latest permit, but were max. allowables in Oil Be = 0.001 lb/hr Annual Potential (Be)(8760 hr/yr) = 0.0005 tpy				irposes in the
9. Pollutant Potential/Estimated Emission	s Comment :	-		
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Inform	nation :	Pollutant	9		
I. Pollutant Emitted:	H095 *				
2. Total Percent Effici	ency of Control:	0.00	%		
B. Potential Emissions	: t.20	lb/hour	5.30	tons/year	-
I. Synthetically Limite [] Yes [ed? [X] No				
		. .			
5. Range of Estimated	Fugitive/Other En	nissions:	1	io	tons/year
	From AP42, 5th		, .	to	tons/year
5. Emissions Factor : Reference : Unit Code :	From AP42, 5th lb/hr	ı ed.	, .	io	tons/year
6. Emissions Factor : Reference : Unit Code :	From AP42, 5th lb/hr Code: 3	ı ed.	.*	0	tons/year
5. Emissions Factor : Reference : Unit Code :	From AP42, 5th lb/hr Code: 3 issions: For Combustion T	urbines A & B (eac	.*	10	tons/year
Unit Code: 7. Emissions Method 0 8. Calculations of Emi From AP42, 5th ed.	From AP42, 5th lb/hr Code: 3 issions: For Combustion T for SCR with water	urbines A & B (each	.*	10	tons/year

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Emissions Unit Information Section Combustion Turbine A	4			
Pollutant Detail Information:	Pollutant	10		
Pollutant Emitted: H015 *				
2. Total Percent Efficiency of Control :	0.00	%		
,	lb/hour	0.02	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emiss	sions:	t	o	tons/year
6. Emissions Factor : Reference : From AP42, 5th ed Unit Code : lb/10^6 MMBtu	l. +1	•		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions :				
Trace Elements, HAPS, not otherwise restr Combustion Turbine A & B:	icted by permit,	distillate-oil	fire. For each of	the
As = (4.9 lb/10^6 MMBtu)(445 MMBtu/hr = 0.002 lb/hr Annual Potential)			
As = 0.01 tpy.				
9. Pollutant Potential/Estimated Emissions	Comment :	-		
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

	Pollutant	11		
Pollutant Emitted: H027 +				
2. Total Percent Efficiency of Control:	0.00	%		_
3. Potential Emissions : 0.00	lb/hour	0.02	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other En	nissions:	te	ס	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/10^6 MMB	tu	+*		
7. Emissions Method Code: 2	*			
8. Calculations of Emissions :				
B. Calculations of Emissions : Trace Elements, HAPS, not otherwise Combustion Turbines A & B:	restricted by permit	, distillate-oil	fire. For each o	f the
		t, distillate-oil	fire. For each o	f the

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Emissions Unit Information Section	4			
Combustion Turbine A				
Pollutant Detail Information :	Pollutant	12		
1. Pollutant Emitted: H046 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.04	lb/hour	0.18	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor : Reference : Permit Unit Code : lb/10^5 MMBtu	ı	+*		
7. Emissions Method Code: 2 *				
8. Calculations of Emissions : Trace Elements, HAPS, not otherwise re Combustion Turbine A & B: Cr = (4.7 lb/10^5 MMBtu)(445 MMBtu) = 0.021 lb/hr Annual Potential		t, distillate-o	il fire. For each of	the
Cr = 0.092 tpy. 9. Pollutant Potential/Estimated Emission	s Comment :			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

ollutant Detail Information:	Pollutant	13		
I. Pollutant Emitted: H047 *	.			
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions :	lb/hour	0.04	tanahaan	
0.01	10/11041	0.04	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Er	nissions:	to	tons/y	ear
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^6 MMBt	u	+*		
Reference: AP42, 5th ed. Unit Code: Ib/10^6 MMBr	·u	+*		
Reference: AP42, 5th ed. Unit Code: Ib/10^6 MMBt		**		
Reference : AP42, 5th ed. lb/10^6 MMBt 7. Emissions Method Code : 3	*		fire. For each of the	
Reference: AP42, 5th ed. lb/10^6 MMBt 7. Emissions Method Code: 3 8. Calculations of Emissions: Trace Elements, HAPS, not otherwise in the second	* restricted by permit		fire. For each of the	
Reference: AP42, 5th ed. lb/10^6 MMBt 7. Emissions Method Code: 3 8. Calculations of Emissions: Trace Elements, HAPS, not otherwise a Combustion Turbine A & B: Co = (9.1 lb/10^6 MMBtu)(445 MMBtu)	* restricted by permit		fire. For each of the	

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Emissions Unit Information Section	4			
Combustion Turbine A				
Pollutant Detail Information :	Pollutant	14		
1. Pollutant Emitted: H110 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.05	lb/hour	0.23	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:	to)	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/10^5 MMBtu		+*		
7. Emissions Method Code: 2 *	•			
8. Calculations of Emissions :				-
Trace Elements, HAPS, not otherwise res Combustion Turbine A & B:	tricted by permi	, distillate-oil	fire. For each of	the
Pb = (5.8 lb/10^5 MMBtu)(445 MMBtu/l = 0.026 lb/hr Annual Potential	ır)	•		
Pb = 0.113 tpy.				
9. Pollutant Potential/Estimated Emissions	Comment :			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section	4		
Combustion Turbine A			
Pollutant Detail Information :	Pollutant	15	
1. Pollutant Emitted: H113 *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 0.30	lb/hour	1.33	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other En	nissions:	to	tonalisas
		to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : Ib/10^4 MMBt		+*	
Reference : Permit.		+*	
Reference : Permit. Unit Code : Ib/10^4 MMBt		+*	
Reference: Permit. Unit Code: Ib/10^4 MMBt 7. Emissions Method Code: 2	•	••	
Reference: Permit. Unit Code: 1b/10^4 MMBto 7. Emissions Method Code: 2 8. Calculations of Emissions: Trace Elements, HAPS, not otherwise in Combustion Turbine A & B: Mn = (3.4 lb/10^4 MMBtu)(445 MMBtu) = 0.151 lb/hr	estricted by permit	••	
Reference: Permit. Unit Code: Ib/10^4 MMBt 7. Emissions Method Code: 2 8. Calculations of Emissions: Trace Elements, HAPS, not otherwise in Combustion Turbine A & B: Mn = (3.4 lb/10^4 MMBtu)(445 MMBt)	estricted by permit	••	
Reference: Permit. Unit Code: 1b/10^4 MMBt. 7. Emissions Method Code: 2 8. Calculations of Emissions: Trace Elements, HAPS, not otherwise in Combustion Turbine A & B: Mn = (3.4 lb/10^4 MMBtu)(445 MMBt = 0.151 lb/hr Annual Potential	estricted by permit	••	

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Emissions Unit Information Section Combustion Turbine A	4			
Pollutant Detail Information :	Pollutant	16		
1. Pollutant Emitted: H114 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 0.00	lb/hour	0.00	tons/yea	г
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	nissions:	t	0	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/10^7 MMBtt	ı	+*		
7. Emissions Method Code: 2	•			
8. Calculations of Emissions: Trace Elements, HAPS, not otherwise re Combustion Turbine A & B: Hg = (9.1 lb/10^7 MMBtu)(445 MMBtu = 0 lb/hr Annual Potential Hg = 0.002 tpv.		, distillate-oil	fire. For each o	of the
Pollutant Potential/Estimated Emission	is Comment :			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

missions Unit Information Section ombustion Turbine A				
ollutant Detail Information :	Pollutant	17		
. Pollutant Emitted: H133 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions :	lb/hour	4.68	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	nissions:	to		tons/year
5. Emissions Factor : Reference : Permit. Unit Code : lb/10^3 MMBtt	ı -	, *		
Reference: Permit.	•	,*		
Reference: Permit. Unit Code: lb/10^3 MMBtt	•	, *		
Reference : Permit. Unit Code : lb/10^3 MMBtu 7. Emissions Method Code : 2	•		fire. For each of	`the
Reference: Permit. Unit Code: 1b/10^3 MMBtu 7. Emissions Method Code: 2 8. Calculations of Emissions: Trace Elements, HAPS, not otherwise re Combustion Turbine A & B: Ni = (1.2 1b/10^3 MMBtu)(445 MMBtu) = 0.534 1b/hr	estricted by permit		fire. For each of	`the
Reference: Permit. Unit Code: 1b/10^3 MMBtu 7. Emissions Method Code: 2 8. Calculations of Emissions: Trace Elements, HAPS, not otherwise re Combustion Turbine A & B: Ni = (1.2 lb/10^3 MMBtu)(445 MMBtu)	estricted by permit		fire. For each of	the the
Reference: Permit. Unit Code: lb/10^3 MMBtu 7. Emissions Method Code: 2 ** 8. Calculations of Emissions: Trace Elements, HAPS, not otherwise re Combustion Turbine A & B: Ni = (1.2 lb/10^3 MMBtu)(445 MMBtu = 0.534 lb/hr Annual Potential	estricted by permit		fire. For each of	'the

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Emissions Unit Information Section Combustion Turbine A				
Pollutant Detail Information:	Pollutant	18		
I. Pollutant Emitted: H148 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.27	lb/hour	1.17	tons/yea	г
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	to		tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/10^4 MMBtu	1	+*		
7. Emissions Method Code: 2 *				
8. Calculations of Emissions : Trace Elements, HAPS, not otherwise re Combustion Turbine A & B:	estricted by permi	t, distillate-oil 1	fire. For each o	of the
P = (3.0 lb/10^4 MMBtu)(445 MMBtu/t = 0.133 lb/hr Annual Potential P = 0.585 tpy.	hr)			
9. Pollutant Potential/Estimated Emission	ns Comment :			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine A	4			
Pollutant Detail Information :	Pollutant	19		
1. Pollutant Emitted: H162 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions :				
0.00	lb/hour	0.02	tons/yea	r
4. Synthetically Limited? [] Yes [X] No				-
5. Range of Estimated Fugitive/Other Em	issions:	to		tons/year
6. Emissions Factor : Reference : Permit. Unit Code : Ib/10^5 MMBtu		+*		
7. Emissions Method Code: 2				
8. Calculations of Emissions :				
Trace Elements, HAPS, not otherwise re Combustion Turbine A & B:	stricted by permit	, distillate-oil f	ire. For each o	of the
Se = (5.3 lb/10^5 MMBtu)(445 MMBtu/ = 0.002 lb/hr	hr)			
Annual Potential $Se = 0.01 \text{ tpy}.$				
30 σ.στ φy.				
9. Pollutant Potential/Estimated Emission	s Comment :			
None.				

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Collutant Detail Information:	Pollutant	1	
1. Pollutant Emitted: NOX *			
2. Total Percent Efficiency of Control :	65.00	0/0	
3. Potential Emissions : 236.60	lb/hour	1,036.40	tons/year
4. Synthetically Limited? [] Yes [X] No		·	
5. Range of Estimated Fugitive/Other Emis	sions:	to	tons/yea
6. Emissions Factor : Reference : Permit Unit Code : lb/hr		+*	
7. Emissions Method Code : 2 *			
8. Calculations of Emissions: Combustion Turbines A & B (each) Permit Restrictions Gas NOx = 75.1 lb/hr Annual Potential (NOx)(8760 hr/yr) = 328.9 tpy Oil NOx = 118.3 lb/hr Annual Potential (NOx)(8760 hr/yr) = 518.2 tpy			
9. Pollutant Potential/Estimated Emissions	Comment:		
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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Combustion To Permit R For Gas	it Restrictions for NOx ias 75.1 lb/lur/unit 328.9 TPY/unit 658 tpy/2 units	5
For Oil		

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Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Detail Information :	Pollutant	2		
1. Pollutant Emitted : SO2 *	*			
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 285.40 lb	/hour	1,250.00	tons/year	
	, iloui	1,250.00	tons year	•
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emission	ons:	to		tons/year
				tons year
6. Emissions Factor : Reference : Permit.				
Unit Code : Ib/hr		.*		
7. Emissions Method Code: 2 *				
8. Calculations of Emissions :				
Combustion Turbines A & B (each)				
Permit Restrictions				
Gas SO2 = 0.68 lb/hr				
Annual Potential				
(SO2)(8760 hr/yr) = 3.0 tpy				
Oil SO2 = 285.4 lb/hr				
Annual Potential				
(SO2)(8760 hr/yr) = 1250 tpy				
9. Pollutant Potential/Estimated Emissions Co	omment :			
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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section
Combustion Turbine B
Permit Restirctions:
For Gas 0.34 lb/hr/unit
518.2 TPY/unit
1036.5 TPY/2 units
For Oil 142.7 lb/hr/unit
625.0 TPY/unit
1250 TPY/2 units

Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Detail Information :	Pollutant	3		
1. Pollutant Emitted: CO *			-	
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 20.20	lb/hour	88.40	tons/year	
Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other En	nissions:	to)	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*		
7. Emissions Method Code: 2	•			
8. Calculations of Emissions: These data were tabulated for PSD and allowables in previous edition of permit Gas CO = 10 lb/hr Annual Potential (CO)(8760 hr/yr) = 43.8 tpy Oil CO = 10.1 lb/hr Annual Potential (CO)(8760 hr/yr) = 44.2 tpy			permit, but were	max.
Pollutant Potential/Estimated Emission	ns Comment :			
None.				
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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section	5
Combustion Turbine B	

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Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Detail Information :	Pollutant	4		
1. Pollutant Emitted: PM *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 20.00	lb/hour	87.60	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	nissions:		to	tons/year
6. Emissions Factor: Reference: Permit. Unit Code: Ib/hr 7. Emissions Method Code: 2 *		+*		
8. Calculations of Emissions: These data (for each compustion turbine latest permit, but were max. allowables of Gas PM = 2.5 lb/lnr Annual Potential (PM)(8760 hr/yr) = 10.9 tpy Oil PM = 10 lb/lnr Annual Potential (PM)(8760 hr/yr) = 43.8 tpy				rposes in the
Pollutant Potential/Estimated Emission None	ns Comment :			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Detail Information :	Pollutant	5		
I. Pollutant Emitted: PM10 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 20.00	lb/hour	87.60	tons/year	_
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other E	missions:	to		tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*		
7. Emissions Method Code: 2	*			
8. Calculations of Emissions: These data (for each compustion turbin latest permit, but were max. allowable Gas PM10 = 2.5 lb/hr Annual Potential (PM10)(8760 hr/yr) = 10.9 tpy Oil PM10 = 10 lb/hr Annual Potential (PM10)(8760 hr/yr) = 43.8 tpy				urposes in the
9. Pollutant Potential/Estimated Emission	ons Comment :			

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Emissions Unit Information Section Combustion Turbine B	5		
Pollutant Detail Information :	Pollutant	6	
1. Pollutant Emitted: VOC *			
2. Total Percent Efficiency of Control :	0.00	%	
3. Potential Emissions : 8.00	lb/hour	35.00	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emi	issions:	to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : • lb/hr		+*	
7. Emissions Method Code: 2 •			
8. Calculations of Emissions: These data (for each compustion turbines latest permit, but were max. allowables in For both Gas and Oil VOC = 4.0 lb/hr Annual Potential (VOC)(8760 hr/yr) = 17.5 tpy			
9. Pollutant Potential/Estimated Emissions	s Comment :		
None.			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Detail Information:	Pollutant	7		
Pollutant Emitted: SAM *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 20.00	lb/hour	88.00	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	to		tons/year
6. Emissions Factor : Reference : Permit. Unit Code : Ib/hr		+*		
7. Emissions Method Code : 2 *				
8. Calculations of Emissions: These data (for each compustion turbine latest permit, but were max. allowables i Oil H2SO4 = 10 lb/hr Annual Potential (H2SO4)(8760 hr/yr) = 44.0 tpy				irposes in the
Pollutant Potential/Estimated Emission None.	s Comment :			

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Combustion Turbine B				
Pollutant Detail Information :	Pollutant	8		
1. Pollutant Emitted: H021 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 1.00	lb/hour	5.00	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	to	1	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/hr		+*		
7. Emissions Method Code: 3 •				
8. Calculations of Emissions: These data (for each compustion turbines latest permit, but were max. allowables i Oil Be = 0.001 lb/hr Annual Potential (Be)(8760 hr/yr) = 0.0005 tpy				urposes in the
9. Pollutant Potential/Estimated Emission	s Comment :			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Detail Information :	Pollutant	9		
1. Pollutant Emitted: H095 *				
2. Total Percent Efficiency of Control:	0,00	%		
3. Potential Emissions : 1.20	lb/hour	5.30	tons/ye	еаг
Synthetically Limited? [] Yes [X] No			_	
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/MMBtu		+*		
7. Emissions Method Code: 3				
8. Calculations of Emissions :	-			
From AP42, 5th ed. For Combustion Tu HCOH, only info is for SCR with water		ch)		
HCOH = (0.0027 lb/MMBtu)(445 MMB Annual Potential HCOH = 5.3 tpy	(tu/hr) = 1.2 lb/h	s .		
9. Pollutant Potential/Estimated Emission	s Comment :			
None.				-

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Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Detail Information:	Pollutant			
1. Pollutant Emitted: H015 *	-		-	
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions :				
. 0.00	lb/hour	0.02	tons/year	
4. Synthetically Limited?				
[] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	issions:		_	
			0	tons/year
6. Emissions Factor : Reference : AP42, 5th ed.				
Unit Code : fb/10^6 MMBtu		+*		
7. Emissions Method Code : 3 *				
8. Calculations of Emissions :				
Trace Elements, HAPS, not otherwise re-	stricted by permi	, distillate-oil	fire. For each o	fthe
Combustion Turbine A & B:	• •			
As = (4.9 lb/10^6 MMBtu)(445 MMBtu/	hr)			
= 0.002 lb/hr	,			
Annual Potential				
As = 0.01 tpy.				
Pollutant Potential/Estimated Emission	s Comment :			
	s comment.			
None.				
L	 			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant	11		
0.00	%		
lb/hour	0.02	tons/yea	r
nissions:	to)	tons/year
nu ·	,*		
•.			
	, distillate-oil	fire. For each o	of the
	0.00 Ib/hour missions:	Pollutant	Pollutant 11 0.00 % Ib/hour 0.02 tons/yea nissions: to

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Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Detail Information :	Pollutant	12		
T. Pollutant Emitted: H046 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.04	lb/hour	0.18	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^5 MMBtu		+*		
7. Emissions Method Code : 3 *				
Calculations of Emissions: Trace Elements, HAPS, not otherwise res Combustion Turbine A & B:	tricted by permi	t, distillate-	oil fire. For each of	f the
Cr = (4.7 lb/10^5 MMBtu)(445 MMBtu/t = 0.021 lb/hr Annual Potential Cr = 0.092 tpy.	ur)	ί.	•	
9. Pollutant Potential/Estimated Emissions	Comment:	•		
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

5			
Pollutant	13		
0.00	%		
lb/hour	0.04	tons/ye	ar
Èmissions:		to	tons/year
Btu +	·*		
*			·
restricted by permit,	, distillate-o	il fire. For each	of the
	Pollutant 0.00 lb/hour Emissions:	Pollutant13	Pollutant 13 0.00 % Ib/hour 0.04 tons/yes Emissions: to

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Emissions Unit Information Section	5			
Combustion Turbine B				
Pollutant Detail Information :	Pollutant	14		
1. Pollutant Emitted: H110 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 0.05	lb/hour	0.23	tons/year	r .
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	t	o	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^5 MMBtu	1	+*		
7. Emissions Method Code: 3 *	-			
8. Calculations of Emissions:				
Trace Elements, HAPS, not otherwise re Combustion Turbine A & B:	stricted by perm	it, distillate-oil	fire. For each o	f the
Pb = (5.8 lb/l0^5 MMBtu)(445 MMBtu) = 0.026 lb/hr Annual Potential	/hr)			
Pb = 0.113 tpy.				
9. Pollutant Potential/Estimated Emission	s Comment :			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

, -	-			•
Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Detail Information :	Pollutant	15		
1. Pollutant Emitted: H113 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions :		•		
, 0.30	lb/hour	1.33	tons/year	-
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^4 MMBtu		·*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions :				
Trace Elements, HAPS, not otherwise re Combustion Turbine A & B:	stricted by permit	, distillate-oil fi	re. For each o	of the
Mn = (3.4 lb/10^4 MMBtu)(445 MMBtu = 0.151 lb/hr	ı/hr)			
Annual Potential				
Mn = 0663 tpy.				
9. Pollutant Potential/Estimated Emission	s Comment :			_
None.				

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Emissions Unit Information Section	5			
Combustion Turbine B				
Pollutant Detail Information :	Pollutant	16		
1. Pollutant Emitted: H114 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions :	lb/hour	0.00	tons/year	
	10/11041	0.00		
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	agional			
3. Range of Estimated Fugitive/Other Emi	SSIONS.		to	tons/year
6. Emissions Factor :				
Reference: AP42, 5th ed.				
Unit Code : lb/10^7 MMBtu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions :				
Trace Elements, HAPS, not otherwise res	stricted by permi	t, distillate-o	il fire. For each o	f the
Combustion Turbine A & B:				
Hg = (9.1 lb/10^7 MMBtu)(445 MMBtu/	hr)			
= 0 lb/hr	,			
Annual Potential				
Hg = 0.002 tpy.				
9. Pollutant Potential/Estimated Emissions	Comment:			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

('5 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '				J /
Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Detail Information :	Pollutant	17		
1. Pollutant Emitted: H133 *	<u> </u>			
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions :	lb/hour	4.68	tons/yea	ır
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^3 MMBtu	1	.*		
7. Emissions Method Code: 3		,	*	,
8. Calculations of Emissions: Trace Elements, HAPS, not otherwise re Combustion Turbine A & B: Ni = (1.2 lb/10^3 MMBtu)(445 MMBtu)	,,	, distillate-oil f	ire. For each	of the
= 0.534 lb/hr Annual Potential Ni = 2.34 tpy.)			
9. Pollutant Potential/Estimated Emission	ns Comment:			
None.				

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Emissions Unit Information Section Combustion Turbine B				
Pollutant Detail Information:	Pollutant	18		
1. Pollutant Emitted: H148 *				
2. Total Percent Efficiency of Control:	0.00	%		.,
3. Potential Emissions : 0.27	lb/hour	1.17	tons/year	,
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^4 MMbtu		+*		
7. Emissions Method Code: 3 *	,			
8. Calculations of Emissions :				
Trace Elements, HAPS, not otherwise res Combustion Turbine A & B:	stricted by perm	t, distillate-	oil fire. For each o	f the
P = (3.0 lb/10^4 MMBtu)(445 MMBtu/lu = 0.133 lb/hr Annual Potential	r)			
P = 0.585 tpy.				
9. Pollutant Potential/Estimated Emissions	Comment:			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

ollutant Detail Information:	Pollutant	19		
I. Pollutant Emitted: H162 *			-	
2. Total Percent Efficiency of Contro	l: 0.00	%		
3. Potential Emissions : 0.00	lb/hour	0.02	tons/ye	аг
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other	Emissions:	to)	tons/year
5. Range of Estimated Fugitive/Other 6. Emissions Factor: Reference: Unit Code: AP42, 5th of 1b/10^5 MN	ed.	tc +*		tons/year
6. Emissions Factor : Reference : AP42, 5th o	ed.	tc	,	tons/year
6. Emissions Factor : Reference : AP42, 5th Unit Code : lb/10^5 MN	ed. #Btu * use restricted by permit	+*		

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Combustion Turbine C	6			
Pollutant Detail Information :	Pollutant	1		
Pollutant Emitted: NOX				
2. Total Percent Efficiency of Control:	65.00	%		
3. Potential Emissions : 924.20	lb/hour	1,012.00	tons/ye	ar
Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other En	nissions:	to)	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*		_
7. Emissions Method Code: 2	•			
8. Calculations of Emissions: Worst case pollutants operating scenaric For gas and oil for each of the combusti NOx = 801.8 tpy For Oil (506 tpy)(yr/2190 hr) = 462.101 lb/hr				
9. Pollutant Potential/Estimated Emission	ns Comment :			
None.				
			-74	

CT-C Pollutant

III. Part 9b - 101

DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine C	6			
ollutant Detail Information :	Pollutant	2		
l. Pollutant Emitted: SO2 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions :	lb/hour	1,906.00	tons/year	
Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	, to		tons/year
6. Emissions Factor : Reference : Permit Unit Code : lb/hr		·*		
7. Emissions Method Code: 2 *				
Worst case pollutants operating scenario For gas and oil for each of the combustic SO2 = 954.1 tpy For Oil (953 tpy)(yr/2190 hr) = 870.32 lb/hr				
Pollutant Potential/Estimated Emission None.	s Comment :			

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section	6		
Combustion Turbine C			
Pollutant Detail Information:	Pollutant		
Pollutant Emitted: PM *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 432.88	lb/hour	474.00	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	nissions:	to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr			
7. Emissions Method Code: 2 *			
8. Calculations of Emissions: Worst case pollutants operating scenaric For gas and oil for each of the combusti PM = 246.8 tpy For Oil (237 tpy)(yr/2190 hr) = 216.438 lb/hr			
9. Pollutant Potential/Estimated Emission	ns Comment :		
None.			

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DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine C	6		
Pollutant Detail Information :	Pollutant	4	
I. Pollutant Emitted: PM10 *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 432.88	lb/hour	474.00	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	iissions:	to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*	
7. Emissions Method Code: 2	r	-	
Calculations of Emissions: Worst case pollutants operating scenaric For gas and oil for each combustion turb PM10 = 246.8 tpy		t BACT)	<u> </u>
For Oil (237 tpy)(yr/2190 hr) = 216.438 lb/hr			
9. Pollutant Potential/Estimated Emission	ns Comment :		
None.			V

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Combustion Turbine C	6	•	
Pollutant Detail Information:	Pollutant	5	
1. Pollutant Emitted: CO *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 290.41	lb/hour	318.00	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	issions:	to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : Ib/hr		+*	
7. Emissions Method Code: 2 *			
8. Calculations of Emissions: Worst case pollutants operating scenario For gas and oil for each of the combustic CO = 315.5 tpy For oil, for each of the combustion turbin (159 tpy)(yr/2190 hr) = 145.206 lb/hr	on turbines C and		
Pollutant Potential/Estimated Emission None.	s Comment :		

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DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine C	6		
Pollutant Detail Information :	Poilutant	6	
1. Pollutant Emitted: VOC *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 204.57	lb/hour	224.00	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	issions:	to	tons/year
6. Emissions Factor : Reference : Permit Unit Code : lb/hr		+*	
7. Emissions Method Code: 2			
8. Calculations of Emissions :			
Worst case pollutants operating scenario For gas and oil for each of the combustic VOC = 130.5 tpy For oil, for each of the combustion turbin	on turbines C and		
(112 tpy)(yr/2190 hr) = 102.283 lb/hr 9. Pollutant Potential/Estimated Emission	s Comment :		
None.			

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section	6			
Combustion Turbine C				
Pollutant Detail Information:	Pollutant			
Pollutant Emitted: SAM *				,
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 52,05	lb/hour	57.00	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor: Reference: Permit. Unit Code: Ib/hr 7. Emissions Method Code: 2 *		+*		
8. Calculations of Emissions: Worst case pollutants operating scenarios For gas and oil for each of the combustic H2SO4 = 28.5 tpy For oil for each of the combustion turbin (28.5 tpy)(yr/2190 hr) = 26.027 lb/hr	on turbines C and			
Pollutant Potential/Estimated Emission. None.	s Comment :			

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DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

ollutant Detail Information:	Pollutant	8		
1. Pollutant Emitted: H021 *				
2. Total Percent Efficiency of Control:	0.00	%		-
3. Potential Emissions : 0.02	lb/hour	0.02	tons/year	г
4. Synthetically Limited? [] Yes [X] No		<u> </u>	-	
5. Range of Estimated Fugitive/Other Em	issions:	1	0	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : Ib/hr		+*		
7. Emissions Method Code : 2				
8. Calculations of Emissions :				
Worst case pollutants operating scenario For gas and oil for each of the combustion Be = 0.01 tpy				
For oil, for each of the combustion turbi (0.01 tpy)(yr/2190 hr) = 0.009 lb/hr	nes			
9. Pollutant Potential/Estimated Emission	s Comment :			

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Emissions Unit Information Section	6				
Combustion Turbine C					
Pollutant Detail Information :	Pollutant	9			
Pollutant Emitted: H014 *					
2. Total Percent Efficiency of Control:	0.00	%			_
3. Potential Emissions : 0.02	lb/hour	0.02		tons/year	
Synthetically Limited? [] Yes [X] No	_				_
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year	
6. Emissions Factor: Reference: Permit. Unit Code: lb/hr		+*			
7. Emissions Method Code: 2 *	_				
8. Calculations of Emissions: Worst case pollutants operating scenario For gas and oil for each of the combustio Hg = 0.01 tpy For oil for each of the combustion turbin (0.01 tpy)(yr/2190 hr) = 0.009 lb/hr	on turbines C and		•		
9. Pollutant Potential/Estimated Emission	s Comment :				
None.					

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine C				
Pollutant Detail Information :	Pollutant	10		
Pollutant Emitted: H110 *				
2. Total Percent Efficiency of Control:	0.00	%		-
3. Potential Emissions : 0.15	lb/hour	0.16	tons/year	
4. Synthetically Limited? [] Yes [X] No				_
5. Range of Estimated Fugitive/Other Em	nissions:	to	1	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*		
7. Emissions Method Code: 2	,			
8. Calculations of Emissions :				
Worst case pollutants operating scenarior For gas and oil for each of the combustin Pb = 0.08 tpy For oil, for each of the combustion turbit for oil, for each of the combustion turbit for the combusti	on turbine C and			
(0.08 tpy)(yr/2190 hr) = 0.073 lb/hr 9. Pollutant Potential/Estimated Emission	as Comment :			

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Emissions Unit Information Section Combustion Turbine C	6	•	
Combustion Turbine C			
Pollutant Detail Information:	Pollutant	11	
T. Pollutant Emitted: H095 *			
2. Total Percent Efficiency of Control :	0.00	%	
3. Potential Emissions : 7.40	lb/hour	16.05	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emi	issions:	to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/MMBtu		+*	
7. Emissions Method Code: 3			
8. Calculations of Emissions :			
From AP42, 5th ed. for each of the comb HCOH, only information is for SCR with HCOH = (0.0027 lb/MMBtu)(1354 MMI = 3.7 lb/hr Annual Potential	h water injection:	and D:	
(HCOH)(4390 hr/ут) = 8.024 tpy			
9. Pollutant Potential/Estimated Emission	s Comment :		
None.			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

12	-	
1		
.06	te	ons/year
	to	tons/year
llate-	-oil fired Fo	or each of the
llat	e	e-oil fired. Fo

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Emissions Unit Information Section Combustion Turbine C	6			
Pollutant Detail Information:	Pollutant	13		
1. Pollutant Emitted: H027 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 12.00	lb/hour	0.05	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	t	o	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^6 MMBtu	ı	.*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions : Trace elements, HAPS, not otherwise recombustion turbine C and D: Cd = (4.2 lb/10^6 MMBtu)(1346 MMBt = 0.006 lb/hr Annual Potential Cd = 0.025 tpy	• •	, distillate-oil	fired. For each of	f the
Pollutant Potential/Estimated Emission None.	s Comment :			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only

Combustion Turbine C			
Pollutant Detail Information :	Pollutant	14	
1. Pollutant Emitted: H046 *			
2. Total Percent Efficiency of Control	: 0.00	%	
3. Potential Emissions :			
0.13	lb/hour	0.55	tons/year
4. Synthetically Limited? [] Yes [X] No			-
5. Range of Estimated Fugitive/Other I	Emissions:	to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed Unit Code : Ib/10^5 MMI		+*	
7 Emissions Mathed Code: 3			_
	*		
7. Emissions Method Code: 3 8. Calculations of Emissions: Trace elements, HAPS, not otherwise combustion turbine C and D: Cr = (4.7 lb/10^5 MMBtu)(1346 MM = 0.063 lb/hr Annual Potential Cd = 0.277 tpy	restricted by permit	, distillate-oil	fired. For each of the

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Emissions Unit Information Section	6			
Combustion Turbine C				
Pollutant Detail Information :	Pollutant	15		
1. Pollutant Emitted: H047 *				
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 0.24	lb/hour	0.11	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^6 MMBtu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions :				
Trace elements, HAPS, not otherwise res combustion turbine C and D: Co = (9.1 lb/10^6 MMBtu)(1346 MMBtu = 0.012 lb/hr Annual Potential Cd = 0.054 tpy	• •	, distillate-o	il fired. For each o	f the
9. Pollutant Potential/Estimated Emissions	Comment:			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Combustion Turbine C				
Pollutant Detail Information:	Pollutant	16		
Pollutant Emitted: H113 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions :				
0.92	lb/hour	4.01	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Er	nissions:	t	0	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^4 MMBt	:u -	•*		
7. Emissions Method Code: 3	*			_
7. Emissions Method Code . 3				
8. Calculations of Emissions: Trace elements, HAPS, not otherwise r combustion turbine C and D: Mn = (3.4 lb/10^4 MMBtu)(1346 MMI = 0.458 lb/hr Annual Potential Mn = 2.006 tpy		distillate-oil	fired. For each o	f the
8. Calculations of Emissions : Trace elements, HAPS, not otherwise recombustion turbine C and D: Mn = (3.4 lb/10^4 MMBtu)(1346 MMI = 0.458 lb/hr Annual Potential	Btu/hr)	distillate-oil	fired. For each o	f the

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Emissions Unit Information Section Combustion Turbine C	6			
Pollutant Detail Information:	Pollutant	17		
1. Pollutant Emitted: H133 *	· ·			
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 3.23	lb/hour	14.16	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	issions:	to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^3 MMBtu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions: Trace elements, HAPS, not otherwise rescombustion turbine C and D: Ni = (1.2 lb/10^3 MMBtu)(1346 MMBtu) = 1.615 lb/hr Annual Potential Ni = 7.079 tpy	• •	, distillate-oil fi	ired. For each of	`the
9. Pollutant Potential/Estimated Emission:	s Comment :			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

<u> Pollutant Detail Information :</u>	Pollutant	18	
I. Pollutant Emitted: H148 *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 0.81	lb/hour	3.54	tons/year
4. Synthetically Limited? [] Yes [X] No	•		
5. Range of Estimated Fugitive/Other En	missions:	to	o tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^4 MMB		+*	
7. Emissions Method Code : 3	*		
8. Calculations of Emissions :			
Trace elements, HAPS, not otherwise r	restricted by permit,	distillate-oil	fired. For each of the
combustion turbine C and D: P = (3.0 lb/10^4 MMBtu)(1346 MMBt = 0.404 lb/hr	tu/hr)		
P = (3.0 lb/10^4 MMBtu)(1346 MMBt	tu/hr)		
P = (3.0 lb/10 ⁴ MMBtu)(1346 MMBt = 0.404 lb/hr Annual Potential			

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Emissions Unit Information Section	6		
Combustion Turbine C			
Pollutant Detail Information:	Pollutant		
1. Pollutant Emitted: H162 *			
2. Total Percent Efficiency of Control:	0.00	% .	
3. Potential Emissions : 0.01	lb/hour	0.06	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	issions:	to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/10^ MMBtu		+*	
7. Emissions Method Code: 3			
8. Calculations of Emissions : Trace elements, HAPS, not otherwise recombustion turbine C and D: Se = (5.3 lb/10^6 MMBtu)(1346 MMBtu = 0.007 lb/hr Annual Potential Se = 0.031 tpy		, distillate-oil fi	red. For each of the
Pollutant Potential/Estimated Emission None.	s Comment :		

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

, 0	•		•	
missions Unit Information Section ombustion Turbine D	7			
ollutant Detail Information :	Pollutant	1		
Pollutant Emitted: NOX *				
2. Total Percent Efficiency of Control :	65.00	%		_
6. Potential Emissions : 924.20	lb/hour	1,012.00	tons/year	
I. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	nissions:	to		tons/year
6. Emissions Factor : Reference : Permit. Unit Code : Ib/hr		+*		
7. Emissions Method Code: 2	,			
Worst case pollutants operating scenarior For gas and oil for each of the combustin NOx = 801.8 tpy For Oil (506 tpy)(yr/2190 hr) = 462.101 lb/hr				
9. Pollutant Potential/Estimated Emission	ns Comment :			•••

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Pollutant		
0.00	%	
lb/hour	1,906.00	tons/year
sions:	to	tons/year
	.*	
Comment :		
	0.00 Ib/hour sions: (tpy from permit turbines C and	0.00 % Ib/hour 1,906.00 sions: to +* (tpy from permit BACT) turbines C and D:

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine D	7			
ollutant Detail Information :	Pollutant	3		
1. Pollutant Emitted: PM *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 432.88	lb/hour	474.00	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other En	nissions:	to		tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		, *		
7. Emissions Method Code: 2	•			
Worst case pollutants operating scenarior For gas and oil for each of the combusti PM = 246.8 tpy For Oil (237 tpy)(yr/2190 hr) = 216.438 lb/hr				
9. Pollutant Potential/Estimated Emission	ns Comment :			
None.				

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Emissions Unit Information Section Combustion Turbine D	7		
Pollutant Detail Information :	Pollutant	4	
I. Pollutant Emitted: PM10 *			
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 432.88	lb/hour	474.00	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	issions:	to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : Ib/hr		+*	
7. Emissions Method Code: 2 •			
8. Calculations of Emissions: Worst case pollutants operating scenario For gas and oil for each combustion turb PM10 = 246.8 tpy For Oil (237 tpy)(yr/2190 hr) = 216.438 lb/hr		ı BACT)	
9. Pollutant Potential/Estimated Emission	s Comment :		
None.			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:	Pollutant	5		
1. Pollutant Emitted: CO *				-
2. Total Percent Efficiency of Control :	0.00	%		_
3. Potential Emissions : 290.41	lb/hour	318.00	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other En	nissions:	to	tons/y	ear
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*		
7. Emissions Method Code: 2	•			
8. Calculations of Emissions :				
Worst case pollutants operating scenarior For gas and oil for each of the combustic CO = 315.5 tpy For oil, for each of the combustion turb	ion turbines C and			
(159 tpy)(yr/2190 hr) = 145.206 lb/hr				
9. Pollutant Potential/Estimated Emission	ns Comment :			

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Emissions Unit Information Section	7		
Combustion Turbine D			
Pollutant Detail Information:	Pollutant	6	
1. Pollutant Emitted: VOC *		_	
2. Total Percent Efficiency of Control:	0.00	%	
3. Potential Emissions : 204.57	lb/hour	224.00	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Em	nissions:	to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*	
7. Emissions Method Code: 2	,		
8. Calculations of Emissions: Worst case pollutants operating scenaric For gas and oil for each of the combusti VOC = 130.5 tpy For oil, for each of the combustion turbi (112 tpy)(yr/2190 hr) = 102.283 lb/hr	on turbines C and		
9. Pollutant Potential/Estimated Emission	ns Comment :		
None.			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

ollutant Detail Information:	Pollutant	7		
Pollutant Emitted: SAM *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 52.05	lb/hour	57.00	tons/year	•
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*		
7. Emissions Method Code: 2 *			-	
8. Calculations of Emissions :				
Worst case pollutants operating scenario For gas and oil for each of the combustion H2SO4 = 28.5 tpy	on turbines C and			
For oil for each of the combustion turbin (28.5 tpy)(yr/2190 hr) = 26.027 lb/hr	ne			
9. Pollutant Potential/Estimated Emission	s Comment :			

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Emissions Unit Information Section Combustion Turbine D				
Pollutant Detail Information:	Pollutant	8		
1. Pollutant Emitted: H021 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.02	lb/hour	0.02	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor: Reference: Permit. Unit Code: lb/hr		+*		
7. Emissions Method Code: 2 •				
8. Calculations of Emissions: Worst case pollutants operating scenario For gas and oil for each of the combustio Be = 0.01 tpy For oil, for each of the combustion turbin (0.01 tpy)(yr/2190 hr) = 0.009 lb/hr	on turbines C and			
9. Pollutant Potential/Estimated Emission	s Comment :			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

` 5			-	,
Emissions Unit Information Section Combustion Turbine D				
Pollutant Detail Information:	Pollutant	9		
1. Pollutant Emitted: H014 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions: 0.02	lb/hour	0.02	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other En	nissions:	1	lo	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*		
7. Emissions Method Code: 2	•			
8. Calculations of Emissions :				
Worst case pollutants operating scenaric For gas and oil for each of the combusti Hg = 0.01 tpy For oil for each of the combustion turbi (0.01 tpy)(yr/2190 hr) = 0.009 lb/hr	on turbines C and			
9. Pollutant Potential/Estimated Emission	ns Comment :			
None.				

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Emissions Unit Information Section Combustion Turbine D	7			
Pollutant Detail Information:	Pollutant	10		
1. Pollutant Emitted: H110 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.15	lb/hour	0.16		tons/year
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:		to	tons/year
6. Emissions Factor : Reference : Permit. Unit Code : lb/hr		+*		
7. Emissions Method Code: 2 *				
8. Calculations of Emissions: Worst case pollutants operating scenarior For gas and oil for each of the combustion Pb = 0.08 tpy For oil, for each of the combustion turbin (0.08 tpy)(yr/2190 hr) = 0.073 lb/hr	on turbine C and			
Pollutant Potential/Estimated Emission None	s Comment :			

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Effective: 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine D				
Pollutant Detail Information:	Pollutant	11		
1. Pollutant Emitted: H095				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 7.40	lb/hour	16.05	tons/year	
Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Em	issions:	to	t	ons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/MMBtu		+*		
7. Emissions Method Code: 3 *			_	
8. Calculations of Emissions: From AP42, 5th ed. for each of the comb HCOH, only information is for SCR with HCOH = (0.0027 lb/MMBtu)(1354 MM = 3.7 lb/hr Annual Potential (HCOH)(4390 hr/yr) = 8.024 tpy	n water injection:	and D:		
Pollutant Potential/Estimated Emission None.	s Comment :			

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Emissions Unit Information Section Combustion Turbine D	7			
Pollutant Detail Information :	Pollutant	12		
1. Pollutant Emitted: H015 *		•		
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 0.01	lb/hour	0.06	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:	to)	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : lb/MMBtu7		+*		
7. Emissions Method Code : 3 •				
8. Calculations of Emissions: Trace elements, HAPS, not otherwise res combustion turbine C and D: As = (4.9 lb/10 ⁻⁶ MMBtu)(1346 MMBtu) = 0.007 lb/hr Annual Potential As = 0.029 tpy		, distillate-oil f	îred. For each of	the
Pollutant Potential/Estimated Emissions None.	s Comment :			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine D				
Pollutant Detail Information :	Pollutant	13		
1. Pollutant Emitted : H027 *				,
2. Total Percent Efficiency of Control :	0.00	%		
3. Potential Emissions : 12.00	lb/hour	0.05	tons/year	_
Synthetically Limited? [] Yes [X] No				_
5. Range of Estimated Fugitive/Other Emi	ssions:	to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^6 MMBtu		+*		
7. Emissions Method Code : 3 *				
8. Calculations of Emissions: Trace elements, HAPS, not otherwise res combustion turbine C and D: Cd = (4.2 lb/10 ^o 6 MMBtu)(1346 MMBtu = 0.006 lb/hr Annual Potential Cd = 0.025 tpy		, distillate-oil fi	red. For each o	f the
Pollutant Potential/Estimated Emission: None.	s Comment :			

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Emissions Unit Information Section	7			
Combustion Turbine D				
Pollutant Detail Information :	Pollutant	14		
I. Pollutant Emitted: H046 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.13	lb/hour	0.55	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		to	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^5 MMBtu		+*		
7. Emissions Method Code : 3 *				
8. Calculations of Emissions :				
Trace elements, HAPS, not otherwise res combustion turbine C and D: Cr = (4.7 lb/10°5 MMBtu)(1346 MMBtu = 0.063 lb/hr		t, distillate-oi	l fired. For each o	f the
Annual Potential Cd = 0.277 tpy				
9. Pollutant Potential/Estimated Emissions	Comment:	_		
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine D				
Pollutant Detail Information :	Pollutant	15		
1. Pollutant Emitted: H047 *				
2. Total Percent Efficiency of Control:	0.00	%		<u>-</u>
3. Potential Emissions : 0.24	lb/hour	0.11	tons/yea	r
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other En	nissions:	to)	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^6 MMBtt	u	+*		
7. Emissions Method Code: 3	t			
8. Calculations of Emissions: Trace elements, HAPS, not otherwise recombustion turbine C and D: Co = (9.1 lb/10 ⁻⁶ MMBtu)(1346 MMB = 0.012 lb/hr Annual Potential Cd = 0.054 tpy		t, distillate-oil	fired. For each o	of the
9. Pollutant Potential/Estimated Emission	ns Comment :			
None.				

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Emissions Unit Information Section Combustion Turbine D	7			
Pollutant Detail Information:	Pollutant	16		
1. Pollutant Emitted: H113 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.92	lb/hour	4.01	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	issions:	to		tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^4 MMBtu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions :				
Trace elements, HAPS, not otherwise res combustion turbine C and D: Mn = (3.4 lb/10^4 MMBtu)(1346 MMBt = 0.458 lb/hr		t, distillate-oil fi	red. For each of	the
Annual Potential Mn = 2.006 tpy				
9. Pollutant Potential/Estimated Emissions	s Comment :			
None.				

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Combustion Turbine D			
Pollutant Detail Information :	Pollutant	17	
1. Pollutant Emitted: H133 *			
2. Total Percent Efficiency of Control	0.00	%	<u> </u>
3. Potential Emissions : 3.23	lb/hour	14.16	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Er	nissions:	to	tons/year
6. Emissions Factor: - Reference: AP42, 5th ed. Unit Code: Ib/10^3 MMB1	tu	+*	
7. Emissions Method Code: 3	*		
8. Calculations of Emissions :	<u> </u>		
Trace elements, HAPS, not otherwise r combustion turbine C and D: Ni = (1.2 lb/l0 ² 3 MMBtu)(1346 MMB = 1.615 lb/hr Annual Potential		, distillate-oil f	ired. For each of the
Ni = 7.079 tpy			
9. Pollutant Potential/Estimated Emissio	ons Comment :		
None.			

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Emissions Unit Information Section Combustion Turbine D				
Pollutant Detail Information:	Pollutant	18		
1. Pollutant Emitted: H148 *				
2. Total Percent Efficiency of Control:	0.00	%		
3. Potential Emissions : 0.81	lb/hour	3.54	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:	t	0	tons/year
6. Emissions Factor : Reference : AP42, 5th ed. Unit Code : Ib/10^4 MMBtu		+*		
7. Emissions Method Code: 3 *				
8. Calculations of Emissions: Trace elements, HAPS, not otherwise res combustion turbine C and D: P = (3.0 lb/10^4 MMBtu)(1346 MMBtu/1 = 0.404 lb/hr Annual Potential Cd = 1.77 tpy		t, distillate-oil	fired. For each of	f the
Pollutant Potential/Estimated Emissions None.	s Comment :			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

ollutant Detail Information:	Polluta	nt 19	
Pollutant Emitted: H162	*		
2. Total Percent Efficiency of C	ontrol: 0.00	%	
3. Potential Emissions :			
0.0	l lb/hour	0.06	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/	Other Emissions:	to	tons/year
	, 5th ed. 6 MMBtu	+*	
7. Emissions Method Code :	3 *		
8. Calculations of Emissions :			

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Emissions Unit Information Section Lime Storage Silo	8			
Pollutant Detail Information:	Pollutant	1		
1. Pollutant Emitted: PM *				
2. Total Percent Efficiency of Control:	99.00	%		
3. Potential Emissions : 0.00	lb/hour	0.00	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	ssions:		to	tons/year
6. Emissions Factor : Reference : See below. Unit Code : gr/scf		+*		
7. Emissions Method Code: 2 *				
8. Calculations of Emissions :				
Per OUC, Usage = 80 tpy; ACFM determ	ined by truck, a	t 35 lb.scf p	er lime coinpany	
SCFM = (1 scf/35 lb)(2000 lb/ton)(10ton = 9.524 scf	/hr)(hr/60 min)			
PM = (0.02 gr/scf)(SCFM) $= 0.002 lb/hr$				
Load time = 80 tpy/10 tph Load time = 8 hr/yr				
(PM)(8760 hr/yr) = 0.007 tpy max annua	l			
Estimated Annual				
(PM)(8 hr/yr) = .000006531 tpy Potential Emission				
(PM)(2 hr/day)(365 day/yr) = 0.001 tpy				
9. Pollutant Potential/Estimated Emissions	Comment :			
III. Par DEP Form No. 62-210.900(1) - Form	rt 9b - 139			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

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Emissions Unit Information Section Lime Storage Silo	8			
Pollutant Detail Information:	Pollutant	2		
1. Pollutant Emitted: PM10 *			_	
2. Total Percent Efficiency of Control :	99.00	%		
3. Potential Emissions : 0.00	lb/hour	0.00	tons/year	
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emi	issions:		to	tons/year
6. Emissions Factor : Reference : See Below. Unit Code : Ib/hr		+*		
7. Emissions Method Code: 2 *				
8. Calculations of Emissions :	*			
Per OUC, Usage = 80 tpy; ACFM determ	nined by truck, at	35 lb.scf p	er lime company	
SCFM = (1 scf/35 lb)(2000 lb/ton)(10ton = 9.524 scf	/hr)(hr/60 min)			
PM = (0.02 gr/sef)(SCFM) = 0.002 lb/hr				
Load time = 80 tpy/10 tph				
Load time = 8 hr/yr (PM)(8760 hr/yr) = $0.007 \text{ tpy max annua}$	1			
Estimated Annual				
(PM)(8 hr/yr) = .000006531 tpy				
Potential Emission				
(PM)(2 hr/day)(365 day/yr) = 0.001 tpy				
9. Pollutant Potential/Estimated Emissions	s Comment :			
III. Pa DEP Form No. 62-210.900(1) - Form	rt 9b - 141			

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section	8	
Lime Storage Silo		
None.		

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Emissions Unit Information Section

Non-regulated Emissions - Exempt and Insignificant
Pollutant Detail Information: Pollutant 1
I. Pollutant Emitted: VOC *
2. Total Percent Efficiency of Control: 0.00 %
3. Potential Emissions : 10.30 lb/hour 2.67 tons/year
4. Synthetically Limited? [] Yes [X] No
5. Range of Estimated Fugitive/Other Emissions: 1 1.00 to 5.00 tons/year
6. Emissions Factor : Reference : Unit Code : Paint Specification Unit Code : Hb/gal +*
7. Emissions Method Code : 2 *
8. Calculations of Emissions: (1527.9 gal/yr)*(3.5 lb/gal) *(1 ton/2000 lb) = 2.674 tpy or 10.256 lb/hr based on max. VOC content of 3.5 lb/gal.
9. Pollutant Potential/Estimated Emissions Comment :
None.
None. 6 gal/day × 1ear less than DEP Form No. 62-210.900(1) - Form DEP Form No. 62-210.900(1) - Form
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O.K. to be exempt.

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section Non-regulated Emissions - Significant					
Pollutant Detail Information :	Pollu	tant 1			
Pollutant Emitted : PM *					
2. Total Percent Efficiency of Control :	0.00	%			
3. Potential Emissions : 29.76	lb/hour	43.10		tons/	year
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other E	missions:	1 1.00	to	5.00	tons/year
6. Emissions Factor : Reference : AP-42 5th cd. Unit Code : lb/mi		+*		,	
7. Emissions Method Code: 3	*			9	
8. Calculations of Emissions: (1.434 lb/mi)*(216540 Vehicle Miles/ 43.1 tpy.	yr*25%)*(1 to	on/2000 lb) =			
9. Pollutant Potential/Estimated Emission	ons Commen	1:			
None.					nn -
					Pollytant

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Emissions Unit Information Section Non-regulated Emissions - Significant					
Pollutant Detail Information :	Pollut	ant 2			
1. Pollutant Emitted: PM10 *					
2. Total Percent Efficiency of Control:	0.00	⁰⁄₀			
3. Potential Emissions : 13.26	lb/hour	18.96		tons/year	
4. Synthetically Limited? [] Yes [X] No					
5. Range of Estimated Fugitive/Other Emi	ssions:	1.00	to	5.00	tons/year
6. Emissions Factor : Reference : AP-42 5th ed. Unit Code : lb/mi		+*			
7. Emissions Method Code: 3 *					
8. Calculations of Emissions : (0.645 lb/mi)*(54135 mi/yr)*(1 ton/2000 18.96 tpy	lb) =	v ehicl	Q	fugitiv	e 5
Pollutant Potential/Estimated Emissions None.	s Comment	:			

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Combustion Turbine C	6			
Pollutant Information Section	2			
Allowable Emissions 2				
Basis for Allowable Emissions Cod	e: RUI	E *		
2. Future Effective Date of Allowable	Emissions :			
Requested Allowable Emissions and Allowable Emissions Unit:	Units:	*		*
4. Equivalent Allowable Emissions :				
	lb/hour	476.50	tons/year	
Method of Compliance : Initial startup compliance test, and evidistillate (Method 7E).	ery year thereafter whe	n the unit fires mor	e than 170 hours o	n
Compliance Method Code : +*	Compliance	Test Frequency:		++
Compliance Method Code : +* Fequency Base Date :	Compliance	Test Frequency:		+*

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Combustion Turbine C	6			
Pollutant Information Section 5				
Allowable Emissions 2				
Basis for Allowable Emissions Code :	RULE	*		
2. Future Effective Date of Allowable Emiss	sions :			_
Requested Allowable Emissions and Unit Allowable Emissions Unit:	s:	*		-
4. Equivalent Allowable Emissions:			*	
	lb/hour	79.50	tons/year	
Method of Compliance : Initial performance test and annual complian 170 hours (Method 10).	nce test during eve	ry year distillate i	s fired for more that	ın
Compliance Method Code : +*	Compliance T	est Frequency:		+
Fequency Base Date : +				
Regulation :			+*-	
			nod/Mode):	_

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DEP Form No. 62-210.900(1) - Form

Pollutant Information Section 1	_			
Allowable Emissions 2				
1. Basis for Allowable Emissions Code:	RUL	E +		
2. Future Effective Date of Allowable En	nissions :			
Requested Allowable Emissions and U Allowable Emissions Unit:	Inits :	*		*
4. Equivalent Allowable Emissions :				
	lb/hour	253.00	tons/year	
 Method of Compliance : Initial compliance test, and annual compliance test, and annual compliance than 170 hours. 	liance test every addi	tional year the uni	it fires on distillate	more
Compliance Method Code : +*	Compliance 7	Test Frequency:		+
Fequency Base Date : +				
Regulation :			+*	
			hod/Mode):	

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Emissions Unit Information Section Combustion Turbine C	6			
Pollutant Information Section 1				
Allowable Emissions 1				
Basis for Allowable Emissions Code :	RULE	*		
,				
2. Future Effective Date of Allowable Emiss	sions :			
 Requested Allowable Emissions and Unit Allowable Emissions Unit : 	S :	*		*
4. Equivalent Allowable Emissions:				
	lb/hour	295.75	tons/year	
5. Method of Compliance: Annual compliance test (Method 7E).	_			
Compliance Method Code : +*	Compliance To	est Frequency:		+*
Fequency Base Date : +				
Regulation :			+*	
6. Pollutant Allowable Emissions Comment	(Desc. of Related	l Operating Met	hod/Mode):	-
Permit Restriction (Basis, BACT) For Each	Emission Unit			
Gas 295.75 TPY Required by 40 cfr 60 Subpart GG				
Oil 253 TPY				

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Emissions Unit Information Section Combustion Turbine C	6			
Pollutant Information Section 2				
Allowable Emissions 1				
Basis for Allowable Emissions Code:	RUL	E *		
2. Future Effective Date of Allowable Emission	ons :			
Requested Allowable Emissions and Units Allowable Emissions Unit:	:	*		*
4. Equivalent Allowable Emissions :				
	lb/hour	1.05	tons/year	
5. Method of Compliance : Fuel analysis.				
Compliance Method Code : +*	Compliance	Test Frequency:		+*
Fequency Base Date : +				
Regulation :			+*	
6. Pollutant Allowable Emissions Comment (Desc. of Relate	ed Operating Meth	nod/Mode) :	
Permit Restriction (Basis, BACT) For Each E Gas 1.05 TPY Oil 476.5 TPY		. 0	ŕ	

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Pollutant Information Section 3			
Allowable Emissions 1			
1. Basis for Allowable Emissions Code:	RULE *		
2. Future Effective Date of Allowable Emis	ssions :		
Requested Allowable Emissions and Uni Allowable Emissions Unit:	its: *		
4. Equivalent Allowable Emissions:			
	lb/hour	tons/year	
5. Method of Compliance :			
Compliance Method Code : +*	Compliance Test Frequency :		
Fequency Base Date : +			
Regulation :		+*	
Pollutant Allowable Emissions Commen	t (Desc. of Related Operating Meth	od/Mode):	
	·· (= 6	,,	

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Emissions Unit Information Section Combustion Turbine C	_	
Pollutant Information Section 4		
Allowable Emissions 1		
Basis for Allowable Emissions Code:	RULE *	
2. Future Effective Date of Allowable Emissions	:	
3. Requested Allowable Emissions and Units : Allowable Emissions Unit :	•	*
4. Equivalent Allowable Emissions :	-	
11	b/hour	tons/year
5. Method of Compliance :		
Compliance Method Code : +* C	Compliance Test Frequency:	+*
Fequency Base Date : +		
Regulation:		+*
6. Pollutant Allowable Emissions Comment (Des	c. of Related Operating Method	l/Mode) :
Permit Restriction (Basis, Performance Data & Ba Gas 9.75 TPY Oil 118.5 TPY	ACT) For Each Emission Unit:	

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ollutant Information Section 5			
llowable Emissions 1			
. Basis for Allowable Emissions Code :	RULE	*	
Future Effective Date of Allowable Emiss	sions :		
6. Requested Allowable Emissions and Unit Allowable Emissions Unit:	s: *		
. Equivalent Allowable Emissions :			
	lb/hour 1	56.50 tons/	year
6. Method of Compliance : Annual compliance test (Method 10).			
Compliance Method Code : +*	Compliance Test Free	uency:	
Fequency Base Date : +			
Regulation :			+*
5. Pollutant Allowable Emissions Comment			

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Combustion Turbine C		
Pollutant Information Section 6		
Allowable Emissions 1		
Basis for Allowable Emissions Code : RULE * RULE		
2. Future Effective Date of Allowable Emissions :		
3. Requested Allowable Emissions and Units : Allowable Emissions Unit :		+
4. Equivalent Allowable Emissions :		
lb/hour	tons/year	
5. Method of Compliance: Assumed to be in compliance if CO is within compliance.		_
Compliance Method Code: +* Compliance Test Frequency:		+*
Fequency Base Date : +		
Regulation :	+*	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Metho	od/Mode):	
Pernnit Restriction (Basis, Performance Data & BACT) For Each Emission Unit: Gas 18.5 TPY Oil 56 TPY		

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Emissions Unit Information Section 6 Combustion Turbine C	
Pollutant Information Section 7	
Allowable Emissions	
Basis for Allowable Emissions Code RULE *	_
2. Future Effective Date of Allowable Emissions :	_
3. Requested Allowable Emissions and Units :	*
4. Equivalent Allowable Emissions :	
lb/hour tons/year	
5. Method of Compliance :	
Compliance Method Code: +* Compliance Test Frequency:	+*
Fequency Base Date: +	
Regulation: +*	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode): Permit Restriction (Basis, Performance Data) For Each Emission Unit: Gas 0.035 TPY Oil 14 25 TPY	

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Emissions Unit Information Section 7 Combustion Turbine D	_			
Pollutant Information Section 1				
Allowable Emissions 1			٠	
Basis for Allowable Emissions Code:	RULE	*		
2. Future Effective Date of Allowable Emission	s :			
Requested Allowable Emissions and Units : Allowable Emissions Unit :		*		*
4. Equivalent Allowable Emissions :				
	lb/hour	295.75	tons/year	
5. Method of Compliance : Annual compliance test (Method 7E).				
Compliance Method Code : +*	Compliance Test F	requency:		+*
Fequency Base Date : +				
Regulation :			+*	
6. Pollutant Allowable Emissions Comment (Do Permit Restriction (Basis, BACT) For Each Emi Gas 295.75 TPY Oil 253 TPY	·	erating Metho	d/Mode) :	

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Pollutant Information Section 2			•	
Allowable Emissions 1				
Basis for Allowable Emissions Code :	RULE	*		_
2. Future Effective Date of Allowable Emiss	ions :			
Requested Allowable Emissions and Units Allowable Emissions Unit :	s:	*		
4. Equivalent Allowable Emissions :				_
	lb/hour	1.05	tons/year	
5. Method of Compliance :				_
Compliance Method Code : +*	Compliance T	est Frequency:		
Fequency Base Date : +				
Regulation :			+*	
			od/Mode):	

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Emissions Unit Information Section Combustion Turbine D	7	
Pollutant Information Section 3		
Allowable Emissions 1		
T. Basis for Allowable Emissions Code:	RULE *	
2. Future Effective Date of Allowable Emission	ons:	
Requested Allowable Emissions and Units Allowable Emissions Unit:	*	*
4. Equivalent Allowable Emissions :		
	lb/hour	tons/year
5. Method of Compliance :		
Compliance Method Code : ++	Compliance Test Frequency:	+*
Fequency Base Date : +		
Regulation :		+*
6. Pollutant Allowable Emissions Comment (I Permit Restriction (Basis, Performance Data & Gas 9.75 TPY Oil 118.5 TPY		d/Mode) :

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Pollutant Information Section 4		
Allowable Emissions 1		
Basis for Allowable Emissions Code :	RULE *	
2. Future Effective Date of Allowable Emis	ssions :	
Requested Allowable Emissions and Uni Allowable Emissions Unit:	ts: *	
4. Equivalent Allowable Emissions :		_
	lb/hour	tons/year
5. Method of Compliance :		
Compliance Method Code : +*	Compliance Test Frequency:	
Fequency Base Date : +		
•		+*

III. Part 9c - 14

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 7 Combustion Turbine D	
Pollutant Information Section 5	
Allowable Emissions 1	
Basis for Allowable Emissions Code: RUI	LE *
2. Future Effective Date of Allowable Emissions :	
Requested Allowable Emissions and Units: Allowable Emissions Unit:	*
4. Equivalent Allowable Emissions :	
lb/hour	tons/year
5. Method of Compliance :	
Compliance Method Code : +* Compliance	Test Frequency:
Fequency Base Date : +	
Regulation :	+*
6. Pollutant Allowable Emissions Comment (Desc. of Relat	ted Operating Method/Mode):
Permit Restriction (Basis, Performance Data & BACT) For It Gas 156.5 TPY Oil 79.5 TPY	Each Emission Unit:

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Pollutant Information Section 6			
Allowable Emissions 1		•	
Basis for Allowable Emissions Code :	RULE *		
2. Future Effective Date of Allowable Emissi	ions :		
Requested Allowable Emissions and Units Allowable Emissions Unit;	*		*
4. Equivalent Allowable Emissions :			
	lb/hour	tons/year	
5. Method of Compliance :			
Compliance Method Code : +*	Compliance Test Frequency :		+
Fequency Base Date : +			
Regulation :		+*	
6. Pollutant Allowable Emissions Comment	(Desc. of Related Operating Meth	od/Mode) :	
Permit Restriction (Basis, Performance Data Gas 18.5 TPY	& BACT) For Each Emission Unit:		

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Combustion Turbine D	7	
Pollutant Information Section 7	,	
Allowable Emissions 1		
Basis for Allowable Emissions Code:	RULE *	
2. Future Effective Date of Allowable Emission	ns:	
3. Requested Allowable Emissions and Units : Allowable Emissions Unit :	*	*
4. Equivalent Allowable Emissions :		-
	lb/hour	tons/year
5. Method of Compliance :	-	
Compliance Method Code : +*	Compliance Test Frequency:	+*
Fequency Base Date : +		
Regulation :		+*
6. Pollutant Allowable Emissions Comment (D Permit Restriction (Basis, Performance Data) F Gas 0.035 TPY Oil 14.25 TPY		d/Mode) :

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Pollutant Information Section 1				
Allowable Emissions I				
Basis for Allowable Emissions Code :	RULE	*		_
2. Future Effective Date of Allowable Emission	ns:			
3. Requested Allowable Emissions and Units : Allowable Emissions Unit :		*		
4. Equivalent Allowable Emissions :				
	lb/hour	328.90	tons/year	
5. Method of Compliance : Annual compliance test (Method 20 or Method	7E).			
Compliance Method Code : +*	Compliance Tes	st Frequency:		
Fequency Base Date : +				
Regulation :			+*	

III. Part 9c - 18

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Combustion Turbine B	i <u> </u>			
Pollutant Information Section 2				
Allowable Emissions 1				
1. Basis for Allowable Emissions Code:	RULE	*		
2. Future Effective Date of Allowable Emission	ıs:	·	,	
3. Requested Allowable Emissions and Units : Allowable Emissions Unit :		*		*
4. Equivalent Allowable Emissions :				
	lb/hour	1.50	tons/year	
5. Method of Compliance : Fuel analysis.				
Compliance Method Code : +*	Compliance Test F	requency:		+*
Fequency Base Date : +				
Regulation :			+*	
6. Pollutant Allowable Emissions Comment (D	esc. of Related Op	erating Metho	d/Mode) :	
1.5 tpy allowed while firing on natural gas. Required by 40 CFR 60 Subpart GG.				

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Allowable Emissions 2					
1. Basis for Allowable Emissions	Code:	RULE	*		
2. Future Effective Date of Allow	able Emission	s :			
Requested Allowable Emission Allowable Emissions Unit:	ns and Units :		*		,
4. Equivalent Allowable Emissio	ns :				
		lb/hour	518.20	tons/year	
·					
Method of Compliance : Compliance Test required for in	itial startup and		hen distillate fi		-
Method of Compliance : Compliance Test required for in hours per year.	itial startup and	any other year w	hen distillate fi		+

III. Part 9c - 20

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Combustion Turbine A	<u> </u>			
Pollutant Information Section 1				
Allowable Emissions 1				
I. Basis for Allowable Emissions Code:	RULE	. *		
2. Future Effective Date of Allowable Emission	ns:			
3. Requested Allowable Emissions and Units:				
Allowable Emissions Unit:		•		•
4. Equivalent Allowable Emissions :				
	lb/hour	328.90	tons/year	
5. Method of Compliance : Annual compliance test (Method 20 or Method	E).			
Compliance Method Code : +*	Compliance Test I	Frequency:		+ *-
Fequency Base Date : +				
Regulation :			+*	
6. Pollutant Allowable Emissions Comment (D	esc. of Related Op	erating Metho	od/Mode):	
328.9 tpy allowed while firing natural gas. Required by 40 CFR 60 Sup\bpart GG.				

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Emissions Unit Information Section Combustion Turbine A	4			
Pollutant Information Section				
Allowable Emissions 2				
1. Basis for Allowable Emissions Code :	RULE	*		
2. Future Effective Date of Allowable Emission	ons :		-	
Requested Allowable Emissions and Units Allowable Emissions Unit:	:	*		*
Equivalent Allowable Emissions :				
	lb/hour	518.20	tons/year	
Method of Compliance : Compliance test required for initial startup and 170 hours.	d any year thereafte	r where distilla	te is fired more tha	n
Compliance Method Code: +*	Compliance Test	Frequency:		+*
Fequency Base Date : +				
Regulation :			+*	
6. Pollutant Allowable Emissions Comment (I	Desc. of Related C	Operating Metl	nod/Mode):	
518.2 tpy allowed while firing distillate. Required by 40 CFR 60 Sup\bpart GG.				

III. Part 9c - 22

DEP Form No. 62-210.900(1) - Form

Combustion Turbine A	4			
Pollutant Information Section 2				
Allowable Emissions 1				
Basis for Allowable Emissions Code:	RULE	*		
2. Future Effective Date of Allowable Emiss	ions :			
Requested Allowable Emissions and Units Allowable Emissions Unit:	s :	*		*
4. Equivalent Allowable Emissions:				
4. Equivalent Allowable Emissions:	lb/hour	1.50	tons/year	
Equivalent Allowable Emissions : Method of Compliance : Fuel analysis.	lb/hour	1.50	tons/year	
5. Method of Compliance :	lb/hour Compliance Te		tons/year	+
5. Method of Compliance : Fuel analysis.			tons/year	+

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Pollutant Information Section	2	_		•	
Allowable Emissions 2	_				
1. Basis for Allowable Emission	ns Code :	RULE	*		_
2. Future Effective Date of Alle	wable Emi	ssions :			_
3. Requested Allowable Emissi Allowable Emissions Unit :	ons and Ur	nits:	*		
 Equivalent Allowable Emiss 	ions :				_
	-	lb/hour	625.00	tons/year	
5. Method of Compliance : Fuel analysis to ensure sulfur	content of d	istillate < 0.3%,			
Compliance Method Code:	+*	Compliance Te	est Frequency:		
Fequency Base Date :	+				
Regulation :				+*	

III. Part 9c - 24

DEP Form No. 62-210,900(1) - Form

Emissions Unit Information Section Combustion Turbine B	5			
Pollutant Information Section 2				
Allowable Emissions 2				
Basis for Allowable Emissions Code :	RULE	*		
·				
2. Future Effective Date of Allowable Emission	ons :			
3. Requested Allowable Emissions and Units Allowable Emissions Unit:	:	_ *		*
4. Equivalent Allowable Emissions:		_		
	lb/hour	625.00	tons/year	
 Method of Compliance : Fuel analysis to ensure sulfur content < 0.3%. 				
Compliance Method Code: +*	Compliance Tes	t Frequency :		+*
Fequency Base Date : +				
Regulation :			+*	
6. Pollutant Allowable Emissions Comment (Desc. of Related (od/Mode):	
625 tpy allowed while firing on distillate.			,	
Required by 40 CFR 60 Subpart GG.				

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Emissions Unit Information Section Combustion Turbine C	6			
Pollutant Information Section 1				
Allowable Emissions 2				
1. Basis for Allowable Emissions Code :	RULE	*		
2. Future Effective Date of Allowable Emission	ons :			
3. Requested Allowable Emissions and Units Allowable Emissions Unit:	:	*		*
4. Equivalent Allowable Emissions :	_			
	lb/hour	253.00	tons/year	
Method of Compliance : Initial startup compliance test and every year (Method 20).	thereafter when distil	ate is fired for	more than 170 ho	ours
Compliance Method Code : +*	Compliance Test F	requency:		+*
Fequency Base Date : +				•
Regulation :			+*	
Pollutant Allowable Emissions Comment (253 tpy allowed while firing distillate. Required by 40 CFR 60 Subpart GG.	Desc. of Related Op	erating Metho	od/Mode) :	

III. Part 9c - 26

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Emissions Unit Inform	ation Section		
	_		
Pollutant Information	Section		
Allowable Emissions I	nformation Section		
Test Methods			

Emissions Unit Information Section 1 Boiler I	
Visible Emissions Limitation: Visible Emissions Limitation:	tation 1
1. Visible Emissions Subtype : *	
2. Basis for Allowable Opacity:	
3. Requested Allowable Opacity:	
Normal Conditions:	40 %
Exceptional Conditions : Maximum Period of Excess Opacity Allowed :	% min/hour
4. Method of Compliance :	
DEP Method 9	
5. Visible Emissions Comment:	
40% Opacity for steady state.	
Compliance Test Frequency: 0 + Fre	quency Base Date : +
COM Required : +	
Regulation: +*	

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III. Part 10 - I

DEP Form No. 62-210.900(1) - Form

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I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section 1 Boiler 1					
Visible Emissions Limitation: Visible Emiss	ions Limitat	ion 2	_		
1. Visible Emissions Subtype :	*				
2. Basis for Allowable Opacity: RULE	*				
3. Requested Allowable Opacity:					
Normal Conditi		%			
Exceptional Condition			_		
Maximum Period of Excess Opacity Allow	ed: 8	3 mi	n/hour		
4. Method of Compliance :					—
DEP Method 9					
5. Visible Emissions Comment :					
60% opacity allowed for soot blowing (3 hours in 24 hours).	in 24 hours)	and during lo	ad changing	periods (3 ho	urs
Compliance Test Frequency: 0 +	Freque	ency Base Da	te:	+	
COM Required : +					
Regulation: +*					

III. Part 10 - 2

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 1 Boiler !
Visible Emissions Limitation: Visible Emissions Limitation 3
1. Visible Emissions Subtype :
2. Basis for Allowable Opacity: RULE •
3. Requested Allowable Opacity:
Normal Conditions : %
Exceptional Conditions: 100 %
Maximum Period of Excess Opacity Allowed : I min/hour
4. Method of Compliance :
DEP Method 9
5. Visible Emissions Comment :
100% Opacity allowed during soot blowing (4 six minute periods) and during load changing conditions (4 six minute periods, if the faciltiy has operational pacity monitors in place.
Compliance Test Frequency: 0 + Frequency Base Date: +
COM Required: +
Regulation : +*

III. Part 10 - 3

DEP Form No. 62-210.900(1) - Form

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I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section Boiler 2			
/isible Emissions Limitation: Vis	ible Emission	s Limitation 1	
1. Visible Emissions Subtype :	*		
2. Basis for Allowable Opacity:	RULE	•	
3. Requested Allowable Opacity:			
	nal Conditions nal Conditions city Allowed:	: %	
4. Method of Compliance :		·	
EPA method 9			
5. Visible Emissions Comment : 40% Opacity for Steady State.			
Compliance Test Frequency:	0 +	Frequency Base Date :	+
COM Required : +			
Regulation : +*			

III. Part 10 - 4

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 2 Boiler 2
<u>Visible Emissions Limitation</u> : Visible Emissions Limitation 2
1. Visible Emissions Subtype : *
2. Basis for Allowable Opacity: RULE *
3. Requested Allowable Opacity :
Normal Conditions: % Exceptional Conditions: 60 % Maximum Period of Excess Opacity Allowed: 8 min/hour
4. Method of Compliance : EPA Method 9
 Visible Emissions Comment: 60% Opacity allowed during soot blowing (3 hours in 24 hours) and during load changing conditions (3 hours in 24 hours).
Compliance Test Frequency: 0 + Frequency Base Date: +
COM Required : +
Regulation: +*

III. Part 10 - 5

DEP Form No. 62-210.900(1) - Form

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I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

missions Unit Information Section Boiler 2	2
isible Emissions Limitation: Visible En	missions Limitation 3
. Visible Emissions Subtype :	+
2. Basis for Allowable Opacity: RU	JLE *
B. Requested Allowable Opacity:	
Normal Cor Exceptional Cor Maximum Period of Excess Opacity A	nditions: 100 %
Method of Compliance : EPA Method 9	t i supe
5. Visible Emissions Comment : - Soot-Blowing and Load changing for up to opacity CEM.	9 4 six - min. periods of up to 100 % unit has an operation
Compliance Test Frequency: 0 +	Frequency Base Date : +
COM Required : +	
Regulation: +*	The state of the s

III. Part 10 - 6

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section Boiler 3				
<u>Visible Emissions Limitation</u> : Visible	Emissions Li	imitation	ı	
Visible Emissions Subtype :	*			
2. Basis for Allowable Opacity:	RULE	.		
3. Requested Allowable Opacity:				
Normal C Exceptional C Maximum Period of Excess Opacity		40	% % min/hour	
4. Method of Compliance :				
DEP Method 9.				•
·				
5. Visible Emissions Comment : 40% Opacity for Steady State.				
Compliance Test Frequency: 0) +	Frequeney Base	Date :	+
COM Required : +				
Regulation: +*				

III. Part 10 - 7

DEP Form No. 62-210.900(1) - Form

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I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

	on: Visible Emissions	Limitation		
I. Visible Emissions Subty	rpe: •			
2. Basis for Allowable Op.	acity: RULE	*		
3. Requested Allowable O	pacity:			-
	Normal Conditions		% .	
	Exceptional Conditions:	60 8	% min/hour	
4. Method of Compliance EPA Method 9	:	_		
5. Visible Emissions Com 60% Opacity for Soot-Blo	ment : owing and Load Changing	Conditions (3	hours in 24 hours).	
	•	Frequency F	Base Date :	+
Compliance Test Frequency	0 +	i requestoy i		
Compliance Test Frequency COM Required: +	U+	requency i		

III. Part 10 - 8

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 3 Boiler 3
Visible Emissions Limitation: Visible Emissions Limitation 3
1. Visible Emissions Subtype :
2. Basis for Allowable Opacity: RULE ★
3. Requested Allowable Opacity :
Normal Conditions: % Exceptional Conditions: 100 % Maximum Period of Excess Opacity Allowed: 1 min/hour
4. Method of Compliance :
DEP Method 9.
Visible Emissions Comment: Soot-Blowing and Load Changing for 4 six - min. periods of up to 100% if unit has an operational opacity CEM.
Compliance Test Frequency : 0 + Frequency Base Date : +
COM Required: +
Regulation:

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DEP Form No. 62-210.900(1) - Form

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I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

. Visible Emissions Subtype	:	0	*			
2. Basis for Allowable Opaci	y:	RULE		•		
Requested Allowable Opac	ity:					
Ex Maximum Period of Exce	ceptional	Condition Condition (Condition Condition Condi	ns :	5	% % min/hour	
. Method of Compliance :	7.					
Visible Emissions Comme "Visible emissions shall not e		6 opacity	while b	uming nat	tural gas" Permit	No.AO05-176351.
Compliance Test Frequency :		0 +		_	Base Date :	

III. Part 10 - 10

DEP Form No. 62-210,900(1) - Form

Emissions Unit Information Section Combustion Turbine A
<u>Visible Emissions Limitation</u> : Visible Emissions Limitation 2
1. Visible Emissions Subtype : *
2. Basis for Allowable Opacity: RULE *
3. Requested Allowable Opacity :
Normal Conditions: 10 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance :
5. Visible Emissions Comment: "Visible emissions shall not exceed10% opacity while burning distillate oil" Permit No.AO05-176351.
Compliance Test Frequency: 0 + Frequency Base Date: +
COM Required: +
Regulation: +* ·

III. Part 10 - 11

DEP Form No. 62-210.900(1) - Form

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I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section 5 Combustion Turbine B			
Visible Emissions Limitation: Visible Emissions Limitation 1			
1. Visible Emissions Subtype: 0			
2. Basis for Allowable Opacity: RULE •			
3. Requested Allowable Opacity :			
Normal Conditions: 5 %			
Exceptional Conditions : % Maximum Period of Excess Opacity Allowed : min/hour			
4. Method of Compliance :			
 Visible Emissions Comment: "Visible emissions shall not exceed 5% opacity while burning natural gas" Permit No.AO05-176351. 			
Compliance Test Frequency: 0 + Frequency Base Date: +			
COM Required: +			
Regulation: +*			

III. Part 10 - 12

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 5 Combustion Turbine B
Visible Emissions Limitation: Visible Emissions Limitation 2
1. Visible Emissions Subtype : *
2. Basis for Allowable Opacity: RULE *
3. Requested Allowable Opacity:
Normal Conditions: 10 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance :
5. Visible Emissions Comment : "Visible emissions shall not exceed10% opacity while burning distillate oil" Permit No.AO05-176351.
Compliance Test Frequency: 0 + Frequency Base Date: +
COM Required : +
Regulation : +*

III. Part 10 - 13

DEP Form No. 62-210.900(1) - Form

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I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

visible Emissions Limitation	Visible Emissions Limitation: Visible Emissions Limitation 1			
1. Visible Emissions Subtype	*			
2. Basis for Allowable Opaci	ty: RULE *			
3. Requested Allowable Opac	oitu :		·	
5. Requested Allowable Opac	ony .			
	Normal Conditions:	20 %		
	ceptional Conditions :	% min/hou	_	
Maximum Period of Exce	iss Opacity Attowed :	mm/not	11	
4. Method of Compliance:				
5 10 31 5 1 2				
		, and shall not avaced 1	00/ during full land	
"Visible emissions shall never	er exceed 20 percent opacity		0% during full load	
	er exceed 20 percent opacity		0% during full load	
"Visible emissions shall never except as provided in Rule 1	er exceed 20 percent opacity 7-210.700, F.A.C." Permit		0% during full load +	
"Visible emissions shall neve except as provided in Rule 1 Compliance Test Frequency:	er exceed 20 percent opacity 7-210.700, F.A.C." Permit	No. AO05-229084.	0% during full load +	
	er exceed 20 percent opacity 7-210.700, F.A.C." Permit	No. AO05-229084.	0% during full load +	

III. Part 10 - 14

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 6 Combustion Turbine C
<u>Visible Emissions Limitation</u> : Visible Emissions Limitation 2
1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: RULE +
3. Requested Allowable Opacity :
Normal Conditions: 10 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance :
5. Visible Emissions Comment: "Visible emissions shall never exceed 20 percent opacity and shall not exceed 10% during full load except as provided in Rule 17-210.700,
Compliance Test Frequency: 0 + Frequency Base Date: +
COM Required : +
Regulation: +*

III. Part 10 - 15

DEP Form No. 62-210.900(1) - Form

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I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

isible Emissions Limitatio	on: Visible Emissi	ons Limitation	1	
1. Visible Emissions Subtyp	pe :	*		
2. Basis for Allowable Opa	city: RULE	+		
3. Requested Allowable Op	pacity:			
_	Normal Condition		%	
Haximum Period of Ex	Exceptional Condition cess Opacity Allower		% min/hour	
4. Method of Compliance :				
5. Visible Emissions Comm			14 1 100/	
"Visible emissions shall ne except as provided in Rule				iuring full load
Compliance Test Frequency:	0+	Frequency	Base Date :	+
COM Bearings				
COM Required : +				

III. Part 10 - 16

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 7 Combustion Turbine D
<u>Visible Emissions Limitation</u> : Visible Emissions Limitation 2
1. Visible Emissions Subtype : *
2. Basis for Allowable Opacity: RULE *
3. Requested Allowable Opacity:
Normal Conditions: 10 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour 4. Method of Compliance:
5. Visible Emissions Comment :
"Visible emissions shall never exceed 20 percent opacity and shall not exceed 10% during full load except as provided in Rule 17-210.700,
Compliance Test Frequency : 0 + Frequency Base Date : +
COM Required: +
Regulation: +*

III. Part 10 - 17

DEP Form No. 62-210.900(1) - Form

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I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

Visible Emissions Limitation:	Visible Emission	ns Limitation	1	
1. Visible Emissions Subtype :	1			
2. Basis for Allowable Opacity	: RULE	*		
3. Requested Allowable Opacity	y:			
	Normal Condition ptional Condition Opacity Allowed	s: 5	% % min/hour	
4. Method of Compliance :				
DEP Method 9				
5. Visible Emissions Comment From permit No. AO05-229996 point at which materials are loa to limit visible emissions to 5 p	6 " The silo, hopped ded into trucks, sha	all be confined	and controlled to the	
Compliance Test Frequency:	0 +	Frequency	Base Date :	+
COM Required : +				

III. Part 10 - 18

DEP Form No. 62-210.900(1) - Form

Boiler 1 Continuous Monitoring System Continuous Monitor 1			
3. CMS Requirement OTHER CMS	Requirement Code : +		
Monitor Information Manufacturer: Lear Siglar (Mor Model Number LS 541 Serial Number A125	nitor Labs)		
5. Installation Date : 01-Jan-1995			
6. Performance Specification Test Date: 01	I-Jan-1995		
7. Continuous Monitor Comment : Required by 40 CFR 75 Boiler I and Boiler 2 share common Opacity M	onitor.		
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+ +		

III. Part 11 - 1

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J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section 1 Boiler			
Continuous Monitor 2			
1. Parameter Code: CO2 *	2. Pollutant(s):		
3. CMS Requirement RULE CMS Requ	rirement Code : +		
4. Monitor Information Manufacturer: Milton Roy (California Analytical) Model Number 3300 Serial Number N4J3520T			
5. Installation Date : 01-Jan-1	995		
6. Performance Specification Test Date : 01-Jan-1	995		
7. Continuous Monitor Comment : Boiler 1 and Boiler 2 share common CO2 analyzer.			
Performance Specification Test Status : + Certification Date (DD-MON-YYYY) : +			
Continuous Monitoring System Continuous Monitor 3			
1. Parameter Code : EM *	2. Pollutant(s):		
3. CMS Requirement RULE CMS Requ	uirement Code : +		
4. Monitor Information Manufacturer: TECO NOx Analyzer Model Number 42 D Serial Number 50963-287			
5. Installation Date : 01-Jan-1	995		
6. Performance Specification Test Date: 01-Jan-1995			
7. Continuous Monitor Comment: Boiler 1 and Boiler 2 share common NOx analyzer.			
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	* *		

III. Part 11 - 2

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 1 Boiler 1				
Continuous Monitor Continuous Monitor 4				
Parameter Code : EM *	2. Pollutant(s):			
3. CMS Requirement RULE C	MS Requirement Code : +			
4. Monitor Information Manufacturer: Schlumberge Model Number M100-84300 Serial Number KS2519				
5. Installation Date :	01-Jan-1995			
6. Performance Specification Test Date:	01-Jan-1995			
7. Continuous Monitor Comment: Fuel Oil meter (main) for Appendix D SO2 Required for 40 CFR 75.	emissions estimation.			
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+ +			

III. Part 11 - 3

DEP Form No. 62-210.900(1) - Form Effective : 3-21-96

J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section1 Boiler I Continuous Monitoring System Continuous Monitor 5			
3. CMS Requirement RULE CMS Requ	uirement Code : +		
Monitor Information Manufacturer : Schlumberger Model Number M100-84300 Serial Number KS2520			
5. Installation Date : 01-Jan-1	1995		
6. Performance Specification Test Date : 01-Jan-	995		
7. Continuous Monitor Comment: Fuel Oil meter (recirc) for Appendix D SO2 emissions Required for 40 CFR 75.	s estimation.		
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+ +		

III. Part 11 - 4

DEP Form No. 62-210.900(1) - Form Effective: 3-21-96

Emissions Unit Information Section1_ Boiler 1				
Continuous Monitoring System Continuous Monitor 6				
Parameter Code : EM *	2. Pollutant(s):			
3. CMS Requirement RULE CMS F	Requirement Code : +			
4. Monitor Information Manufacturer: Daniel Model Number 2011-D Serial Number 94-030027				
5. Installation Date : 01	lan-1995			
6. Performance Specification Test Date : 01-Jan-1995				
7. Continuous Monitor Comment: Gas flow meter for Appendix D SO2 emissions estimation. Required for 40 CFR 75.				
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+ +			

III. Part 11 - 5

DEP Form No. 62-210.900(1) - Form Effective: 3-21-96

J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section1_ Boiler 1			
Continuous Monitoring System Continuous Monitor 7			
I. Parameter Code : EM *	2. Pollutant(s):		
3. CMS Requirement RULE CMS	Requirement Code : +		
Monitor Information Manufacturer : Dell Model Number Serial Number			
5. Installation Date : 15-	Apr-1996		
6. Performance Specification Test Date: 22-	Jul-1996		
Continuous Monitor Comment : Computer used for calculating Appendix D emis 75.	sions and data storage/retreival. Required by 40 CFR		
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+ +		

III. Part 11 - 6

DEP Form No. 62-210.900(1) - Form Effective: 3-21-96

Emissions U Boiler 2	nit Information S	Section 2		
Continuous	Monitoring Syste	em Continuous 1	Monitor I	
1. Parameter	r Code : VE	•	2. Pollutant(s):	
3. CMS Req	uirement RU	LE CMS	Requirement Code :	+
М	nformation Manufacturer : odel Number Serial Number	Lear Siglar (Monit LS 541 A125	or Labs)	
5. Installation	n Date :	01	Jan-1995	
6. Performa	nce Specification	Test Date: 01	Jan-1995	
	us Monitor Comm r used for calculati		ions and data storage/retreiv	al. Required by 40 CFR
Performa	nce Specification	Test Status :	+	
Certificati	on Date (DD-MOI	N-YYYY):	+	

III. Part 11 - 7

DEP Form No. 62-210.900(1) - Form

Effective: 3-21-96

J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Parameter Code	; CO2	+		2. Pollutant(s):	
3. CMS Requirem	ent RULE	:	CMS Rea	quirement Code :	+
Model N	acturer : lumber	Milton Ro 3300 N4J3520T		ia Analytical)	
5. Installation Date	2 :		01-Jan	-1995	
6. Performance Sp	ecification Te	st Date :	01-Jan	-1995	
7. Continuous Mo Required by 40 Performance Sp Certification Da	CFR 75. Boile pecification Te	er I and Bo		common analyzer.	
	•	, .			
Continuous Moni			inuous Mc	onitor 3	
Continuous Monit 1. Parameter Code 3. CMS Requirem	: EM	_ Cont		·	+
Continuous Monin 1. Parameter Code 3. CMS Requirem 4. Monitor Inform Manuf Model N	EM EM RULE	_ Cont	CMS Red	2. Pollutant(s):	+
Continuous Monin 1. Parameter Code 3. CMS Requirem 4. Monitor Inform Manuf Model N Serial	EM ent RULE ation acturer: Jumber Number	Cont TECO NO 42 D	CMS Red	2. Pollutant(s): quirement Code :	+
Continuous Monin 1. Parameter Code 3. CMS Requirem 4. Monitor Inform Manuf Model N	ent RULE ation acturer: Jumber Number e:	Cont * TECO NC 42 D 50963-287	CMS Rec Ox Analyze	2. Pollutant(s): quirement Code :	+
Continuous Monii 1. Parameter Code 3. CMS Requirem 4. Monitor Inform Manuf Model N Serial 1 5. Installation Date 6. Performance Sp 7. Continuous Mo	ent RULE ation acturer: fumber Number e: ecification Te	TECO NO 42 D 50963-287	CMS Red Ox Analyzed 7 01-Jan 01-Jan	2. Pollutant(s): quirement Code :	+

III, Part 11 - 8

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section2 Boiler 2				
Continuous Monitoring System Continuous Monitor 4				
Parameter Code : EM *	2. Pollutant(s):			
3. CMS Requirement RULE C	CMS Requirement Code : +			
4. Monitor Information Manufacturer: Schlumberge Model Number M200-84300 Serial Number KS2516				
5. Installation Date :	01-Jan-1995			
6. Performance Specification Test Date :	01-Jan-1995			
7. Continuous Monitor Comment : Fuel Oil meter (main) for Appendix D SO2 Required for 40 CFR 75.	emissions estimation.			
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+			

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J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section 2			
Continuous Monitoring System Continuous Monitor 5			
I. Parameter Code : EM *	2. Pollutant(s):		
3. CMS Requirement RULE C	CMS Requirement Code : +		
4. Monitor Information Manufacturer: Schlumberge Model Number M200-84300 Serial Number KS2517	·		
5. Installation Date :	01-Jan-1995		
6. Performance Specification Test Date:	01-Jan-1995		
7. Continuous Monitor Comment: Fuel Oil meter (recirc) for Appendix D SO2 Required for 40 CFR 75.	2 emissions estimation.		
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+		

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DEP Form No. 62-210.900(1) - Form

	nissions Unit Information Section2iller 2				
Co	Continuous Monitor 6				
t.	Parameter Code: EM • 2. Pollutant(s):				
3.	CMS Requirement RULE CMS Requirement Code : +				
4.	Monitor Information Manufacturer: Daniel Model Number 2011-D Serial Number 94-030026				
5.	Installation Date : 01-Jan-1995				
6.	Performance Specification Test Date : 01-Jan-1995				
7.	Continuous Monitor Comment: Gas flow meter for Appendix D SO2 emissions estimation. Required for 40 CFR 75.				
	Performance Specification Test Status : + Certification Date (DD-MON-YYYY) : +				

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DEP Form No. 62-210.900(1) - Form

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J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

1. Parameter Code: EM *	2. Pollutant(s):	
3. CMS Requirement RULE CMS	Requirement Code : +	_
4. Monitor Information Manufacturer : Dell Model Number Serial Number		
5. Installation Date :	-Apr-1996	
6. Performance Specification Test Date: . 22	-Jul-1996	
7. Continuous Monitor Comment : Computer used for calculating Appendix D emi	ssions.	
Performance Specification Test Status : Certification Date (DD-MON-YYYY) : Continuous Monitoring System Continuous	+ + Monitor 1	
1. Parameter Code : VE *	2. Pollutant(s):	
3. CMS Requirement RULE CMS	Requirement Code : +	
4. Monitor Information Manufacturer: Lear Siglar (Mon Model Number LS 54t Serial Number A123	uitor Labs)	
Manufacturer : Lear Siglar (Mot Model Number LS 54t Serial Number A123	-Jan-1995	
Model Number LS 54t Serial Number A123 5. Installation Date : 0	<u>, </u>	

III, Part 11 - 12

DEP Form No. 62-210,900(1) - Form

Emissions Unit Information Section3 Boiler 3
Continuous Monitoring System Continuous Monitor 2
1. Parameter Code: CO2 * 2. Pollutant(s):
3. CMS Requirement RULE CMS Requirement Code: +
4. Monitor Information Manufacturer: Milton Roy (California Analytical) Model Number 3300 Serial Number N4J3525T
5. Installation Date: 01-Jan-1995
6. Performance Specification Test Date: 01-Jan-1995
7. Continuous Monitor Comment : Required by 40 CFR 75.
Performance Specification Test Status : + Certification Date (DD-MON-YYYY) : +
Continuous Monitoring System Continuous Monitor 3
1. Parameter Code: EM * 2. Pollutant(s):
CMS Requirement RULE CMS Requirement Code: +
4. Monitor Information Manufacturer: TECO NOx Analyzer Model Number 42 D Serial Number 50962-287
5. Installation Date : 01-Jan-1995
6. Performance Specification Test Date: 01-Jan-1995
7. Continuous Monitor Comment : Required by 40 CFR 75.
Performance Specification Test Status : + Certification Date (DD-MON-YYYY) : +

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J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section3 Boiler 3				
Continuous Monitoring System Continuous Monitor 4				
Parameter Code: EM 2. Pollutant(s):				
3. CMS Requirement RULE CMS Requirement Code : +				
4. Monitor Information Manufacturer: Micro Motion Model Number CFM399 Serial Number 171129				
5. Installation Date : 01-Jan-1995				
6. Performance Specification Test Date : 01-Jan-1995				
7. Continuous Monitor Comment: Fuel Oil meter (main) for Appendix D SO2 emissions estimation. Required for 40 CFR 75.				
Performance Specification Test Status : + Certification Date (DD-MON-YYYY) : +				

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section3 Boiler 3 Continuous Monitoring System Continuous Monitor5				
3. CMS Requirement RULE C	CMS Requirement Code : +			
Monitor Information Manufacturer : Micro Motic Model Number CFM300 Serial Number 144645	on			
5. Installation Date :	01-Jan-1995			
6. Performance Specification Test Date :	01-Jan-1995			
7. Continuous Monitor Comment : Fuel Oil meter (recirc) for Appendix D SO: Required for 40 CFR 75.	2 emissions estimation.			
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	* *			

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J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section 3 Boiler 3			
Continuous Monitoring System Continuous Monitor 6			
1. Parameter Code : EM *	2. Pollutant(s):		
3. CMS Requirement RULE CMS Re	equirement Code : +		
Monitor Information Manufacturer : Daniel Model Number 2011-D Serial Number 94-030028			
5. Installation Date : 01-Ja	n-1995		
6. Performance Specification Test Date: 01-Ja	n-1995		
7. Continuous Monitor Comment : Gas flow meter for Appendix D SO2 emissions esti Required for 40 CFR 75.	mation.		
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	* *		

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 3 Boiler 3				
Continuous Monitoring System Continuous Monitor 7				
Parameter Code : EM				
3. CMS Requirement RULE CMS Requirement Code : +				
Monitor Information Manufacturer : Daniel Model Number 2011-D Serial Number 94-030025				
5. Installation Date : 01-Jan-1995				
6. Performance Specification Test Date: 01-Jan-1995				
7. Continuous Monitor Comment : Gas flow meter for Appendix D SO2 emissions estimation. Required for 40 CFR 75.				
Performance Specification Test Status : + Certification Date (DD-MON-YYYY) : +				

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J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section 3				
Continuous Monitoring System Continuous Monitor 8				
I. Parameter Code : EM *	2. Pollutant(s):			
3. CMS Requirement RULE CMS Re	equirement Code : +			
Monitor Information Manufacturer : Dell Model Number Serial Number				
5. Installation Date : 15-Ap	pr-1996			
6. Performance Specification Test Date: 22-Jul	I-1996			
7. Continuous Monitor Comment : Computer used for calculating Appendix D emissio 75.	ns and data storage/retreival. Required by 40 CFR			
Performance Specification Test Status : Certification Date (DD-MON-YYYY)	+			

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DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section4 Combustion Turbine A				
Continuous Monitor 1				
I. Parameter Code : WTF *	2. Pollutant(s):			
3. CMS Requirement RULE C	CMS Requirement Code : +			
Monitor Information Manufacturer : Model Number Serial Number				
5. Installation Date:	01-Aug-1990			
6. Performance Specification Test Date :				
7. Continuous Monitor Comment : Monitored by GE Control computer. Required by 40 CFR 60 Subpart GG.				
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+ +			

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J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information SectionS	5		
Continuous Monitoring System Contin	uous Monitor I		
Parameter Code : WTF *	2. Pollutant(s):		
3. CMS Requirement RULE C	CMS Requirement Code : +		
4. Monitor Information Manufacturer : Model Number Serial Number			
5. Installation Date: 01-Aug-1990			
6. Performance Specification Test Date:	6. Performance Specification Test Date:		
7. Continuous Monitor Comment : Monitored by GE Control computer. Required by 40 CFR 60 Subpart GG.			
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+ +		

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DEP Form No. 62-210.900(1) - Form Effective: 3-21-96

Emissions Unit Information Section6 Combustion Turbine C					
Continuous Monitor 1					
Parameter Code : WTF	2. Pollutant(s):				
3. CMS Requirement RULE (CMS Requirement Code : +				
4. Monitor Information Manufacturer : Model Number Serial Number					
5. Installation Date :					
6. Performance Specification Test Date:					
7. Continuous Monitor Comment : Monitored by WDPF control computer. Required by 40 CFR 60 Subpart GG.					
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+ +				

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DEP Form No. 62-210.900(1) - Form

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J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section 6Combustion Turbine C			
Continuous Monitoring System Continuous Monitor 2			
Parameter Code : EM	2. Pollutant(s):		
3. CMS Requirement CMS	Requirement Code : +		
Monitor Information Manufacturer : Dell Model Number Serial Number			
5. Installation Date : 15-	-Арг-1996		
6. Performance Specification Test Date: 22-	-Jul-1996		
7. Continuous Monitor Comment : Computer used for calculating Appendix D, E ar 40 CFR 75.	nd G emissions and data storage/retreival. Required by		
Performance Specification Test Status :	+		

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DEP Form No. 62-210.900(1) - Form

Combustion Turbine D	<u>' </u>		
Continuous Monitoring System Continuous Monitor			
1. Parameter Code : WTF *	2. Pollutant(s):		
3. CMS Requirement RULE C	MS Requirement Code : +		
4. Monitor Information Manufacturer : Model Number Serial Number			
5. Installation Date :			
6. Performance Specification Test Date:			
7. Continuous Monitor Comment : Monitored by WDPF control computer. Required by 40 CFR 60 Supart GG.			
Performance Specification Test Status : Certification Date (DD-MON-YYYY) :	+ +		

III. Part 11 - 23

DEP Form No. 62-210.900(1) - Form

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J. CONTINUOUS MONITOR INFORMATION (Regulated Emissions Units Only)

Emissions Unit Information Section 7 Combustion Turbine D				
Continuous Monitoring System Continuous Monitor 2				
1. Parameter Code: EM * 2. Pollutant(s):				
3. CMS Requirement RULE CMS Requirement Code : +				
Monitor Information Manufacturer : Dell Model Number Serial Number				
5. Installation Date: 15-Apr-1996				
6. Performance Specification Test Date : 22-Jul-1996				
7. Continuous Monitor Comment: Computer used for calculating Appendix D, E and G emissions and data storage/retreival. Required by 40 CFR 75.				
Performance Specification Test Status : + Certification Date (DD-MON-YYYY) : +				

III. Part 11 - 24

DEP Form No. 62-210.900(1) - Form

Emis	ssions Unit Information Section 1				
Boile	Boiler I				
PSD Increment Consumption Determination					
I. Ir	ncrement Consuming for Particulate Matter or Sulfur Dioxide?				
[]	The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.				
[]	The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.				
[]	The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.				
[]	For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.				
[X]	None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.				

III. Part 12 - 1

DEP Form No. 62-210.900(1) - Form

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[1	The emissions unit addressed in this section is undergoing PSD review as part of this
	1	application, or has undergone PSD review previously, for nitrogen dioxide. If so, emission unit consumes increment.

2. Increment Consuming for Nitrogen Dioxide?

- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- [] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- [X] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

PM:	SO2:	NO2:
Baseline Emissions :		
PM:	lb/hour	tons/year
SO2:	lb/hour	tons/year
NO2 :		tons/year

III. Part 12 - 2

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 2			
Boiler 2			
PSD Increment Consumption Determination			
1. Increment Consuming for Particulate Matter or Sulfur Dioxide?			
[] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.			
The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.			
The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.			
[1 For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.			
[X] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.			

III. Part 12 - 3

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2.	2. Increment Consuming for Nitrogen Dioxide?				
]	The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.				
]	The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.				
]	The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.				
[]	For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.			
[X] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.					
3.	. Ir	ncrement Consuming/Ex	panding Code :		
Ì		PM:	SO2:	NO2:	
4	. В	Saseline Emissions :	·		
		PM:	. lb/hour	tons/year	
		SO2:	lb/hour	tons/year	
		NO2:		tons/year	
5	. P	SD Comment :			

III. Part 12 - 4

DEP Form No. 62-210.900(1) - Form

Emis	ssions Unit Information Section 3			
Boile	Boiler 3			
PSD	PSD Increment Consumption Determination			
I. Ir	ncrement Consuming for Particulate Matter or Sulfur Dioxide?			
[]	The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.			
[]	The facility addressed in this application is elassified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.			
[]	The facility addressed in this application is classified as an EPA major source, and the emission unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.			
[]	For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.			
[X]	None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.			

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2	Increment	Consuming	for Nitrogen	Dioxide?

]]		rgone PSD review previou	ergoing PSD review as part of this sly, for nitrogen dioxide. If so, emissions		
[1	The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.				
[]	unit began initial operat		ed as an EPA major source, and the emissio but before March 28, 1988. If so, baseline accement.	ns	
[]		issions unit began (or will t s are zero, and emissions un	pegin) initial operation after March 28, 1988 nit consumes increment.		
[X	X] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.					
3.	Iı	ncrement Consuming/Ex	panding Code:			
		PM:	SO2:	NO2:		
4.	В	Baseline Emissions :			٦	
		PM:	lb/hour	tons/year		
		SO2:	lb/hour	tons/year		
		NO2 :		tons/year		
5.	5. PSD Comment :					

III. Part 12 - 6

DEP Form No. 62-210.900(1) - Form

Emis	sions Unit Information Section 4
Comb	oustion Turbine A
<u>PSD</u>	Increment Consumption Determination
I. In	crement Consuming for Particulate Matter or Sulfur Dioxide?
[]	The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
[]	The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
[]	The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
[]	For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
[X]	None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

III. Part 12 - 7

DEP Form No. 62-210.900(1) - Form

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2. In	2. Increment Consuming for Nitrogen Dioxide?				
[]	The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.				
[]	The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit eonsumes increment.			ter	
[]	unit began initial opera	• •	ied as an EPA major source, and the emiss, but before March 28, 1988. If so, baselincrement.		
[]	• •	issions unit began (or will s are zero, and emissions u	begin) initial operation after March 28, 19 unit consumes increment.	988,	
[X]	[X] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.				
3. I	ncrement Consuming/Ex	panding Code :			
	PM:	SO2 :	NO2:		
4. I	Baseline Emissions :				
	PM:	lb/hour	tons/year		
	SO2:	lb/hour	tons/year		
	NO2 :		tons/year		
5. I	PSD Comment :	· ·			

III. Part 12 - 8

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 5			
Combustion Turbine B			
PSD Increment Consumption Determination			
1.	Ir	ncrement Consuming for Particulate Matter or Sulfur Dioxide?	
[]	The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.	
[]	The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.	
]]	The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.	
]]	For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.	
[>	ζ]	None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.	

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2. Increment Consuming for 1	Vitrogen Dioxide?			
	rgone PSD review previou	lergoing PSD review as part of this usly, for nitrogen dioxide. If so, emissions		
paragraph (c) of the defi the emissions unit addre	The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.			
unit began initial operati	• •	ted as an EPA major source, and the emissions, but before March 28, 1988. If so, baseline increment.		
	ssions unit began (or will are zero, and emissions u	begin) initial operation after March 28, 1988. init consumes increment.		
[X] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.				
3. Increment Consuming/Exp	panding Code :			
PM:	SO2:	NO2 :		
4. Baseline Emissions :	_			
PM:	lb/hour	tons/year		
SO2 :	lb/hour	tons/year		
NO2 :		tons/year		

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5. PSD Comment :

Boiler 1				
Supplemental Requirements for All Applications				
1. Process Flow Diagram :	Figure 3			
2. Fuel Analysis or Specification :	Appendix F			
3. Detailed Description of Control Equipment :	NA			
4. Description of Stack Sampling Facilities :	Figure 3			
5. Compliance Test Report :	Appendix G			
6. Procedures for Startup and Shutdown :	Appendix H			
7. Operation and Maintenance Plan :	Appendix H			
8. Supplemental Information for Construction Permit Application :	NA			
9. Other Information Required by Rule or Statue :	NA			
Additional Supplemental Requirements for Category I Applications Only				
10. Alternative Methods of Operations :	Appendix C			
11. Alterntive Modes of Operation (Emissions Trading):	NA.			

III, Part 13 - 1

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Emissions Unit Information Section

12.	Identification of Addi	tional Applicable Requirements:	Appendix K
13. Pla	Compliance Assurancen:	e Monitoring	NA .
14.	. Acid Rain Application (Hard-copy Required) :		
	Appendix I Acid Rain Part - Phase II (Fo		No. 62-210,900(1)(a))
		Repowering Extension Plan (Fo	rm No. 62-210.900(1)(a)1.)
		New Unit Exemption (Form No	. 62-210.900(1)(a)2.)
	Retired Unit Exemption (For		No. 62-210.900(1)(a)3.)



III. Part 13 - 2

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Emissions Unit Information Section 2

Boiler 2				
Supplemental Requirements for All Applications				
1. Process Flow Diagram :	Figure 4			
2. Fuel Analysis or Specification :	Appendix F			
Detailed Description of Control Equipment :	NA			
4. Description of Stack Sampling Facilities :	Figure 4			
5. Compliance Test Report :	Appendix G			
6. Procedures for Startup and Shutdown:	Appendix H			
7. Operation and Maintenance Plan :	Appendix H			
8. Supplemental Information for Construction Permit Application :	NA			
9. Other Information Required by Rule or Statue :	NA			
Additional Supplemental Requirements for Category I Applications	s Only_			
10. Alternative Methods of Operations :	Appendix C			
11. Alterntive Modes of Operation (Emissions Trading):	NA			

III. Part 13 - 3

DEP Form No. 62-210.900(1) - Form

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2. Identification of Addi	tional Applicable Requirements :	Appendix K
3. Compliance Assurance lan :	e Monitoring	NA
4. Acid Rain Applicatio	n (Hard-copy Required) :	
Appendix I	Acid Rain Part - Phase II (Form	No. 62-210.900(1)(a))
	Repowering Extension Plan (Fo	лтп No. 62-210.900(1)(a)1.)
	New Unit Exemption (Form No	e. 62-210.900(1)(a)2.)
	Retired Unit Exemption (Form	No. 62-210.900(1)(a)3.)

III. Part 13 - 4

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 3

Boiler 3				
Supplemental Requirements for All Applications				
1. Process Flow Diagram :	Figure 5			
2. Fuel Analysis or Specification :	Appendix F			
3. Detailed Description of Control Equipment :	NA NA			
4. Description of Stack Sampling Facilities :	Figure 5			
5. Compliance Test Report :	Appendix G			
6. Procedures for Startup and Shutdown:	Appendix H			
7. Operation and Maintenance Plan :	Appendix H			
8. Supplemental Information for Construction Permit Application :	· NA			
9. Other Information Required by Rule or Statue :	NA			
Additional Supplemental Requirements for Category I Applications Only				
10. Alternative Methods of Operations :	Appendix C			
11. Alterntive Modes of Operation (Emissions Trading):	NA			

III. Part 13 - 5

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12. Identification of Addition	onal Applicable Requirements :	Appendix K
13. Compliance Assurance	Monitoring	NA
Plan :	ū	NA
14. Acid Rain Application	(Hard-copy Required) :	
Appendix I	Acid Rain Part - Phase II (Form	No. 62-210.900(1)(a))
	rm No. 62-210.900(1)(a)1.)	
	New Unit Exemption (Form No.	62-210.900(1)(a)2.)
	Retired Unit Exemption (Form N	No. 62-210.900(1)(a)3.)

III. Part 13 - 6

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 4

Combustion Turbine A

Supplemental Requirements for All Applications	
. Process Flow Diagram :	Figure 6
P. Fuel Analysis or Specification :	Appendix F
. Detailed Description of Control Equipment :	Appendix J
Description of Stack Sampling Facilities :	Figure 6
Compliance Test Report :	Appendix G
6. Procedures for Startup and Shutdown :	Appendix H
7. Operation and Maintenance Plan :	Appendix H
3. Supplemental Information for Construction Permit Application :	NA
Other Information Required by Rule or Statue :	NA
Additional Supplemental Requirements for Category I Application	s Only_
10. Alternative Methods of Operations :	Appendix C
11. Alterntive Modes of Operation (Emissions Trading):	NA

III. Part 13 - 7

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12. Identification of A	Identification of Additional Applicable Requirements :	
3. Compliance Assu	rance Monitoring	NA
4. Acid Rain Applic	ation (Hard-copy Required) :	
NA	Acid Rain Part - Phase II (Form	No. 62-210.900(1)(a))
NA	Repowering Extension Plan (Fo	rm No. 62-210.900(1)(a)1.)
NA	New Unit Exemption (Form No	. 62-210.900(1)(a)2.)
	Retired Unit Exemption (Form	

III. Part 13 - 8

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Combustion Turbine B	
Supplemental Requirements for All Applications	
1. Process Flow Diagram :	Figure 7
2. Fuel Analysis or Specification :	Appendix F
3. Detailed Description of Control Equipment :	Appendix J
4. Description of Stack Sampling Facilities :	Figure 7
5. Compliance Test Report :	Appendix G
6. Procedures for Startup and Shutdown:	Appendix H
7. Operation and Maintenance Plan :	Appendix H
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA .
Additional Supplemental Requirements for Category I Applications	Only
10. Alternative Methods of Operations :	Appendix C
11. Alterntive Modes of Operation (Emissions Trading) :	NA .

III. Part 13 - 9

12. Identification of Additional Applicable Requirements : 13. Compliance Assurance Monitoring NA Plan: 14. Acid Rain Application (Hard-copy Required): Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) New Unit Exemption (Form No. 62-210.900(1)(a)2.) NA Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) NA

III. Part 13 - 10

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Emissions Unit Information Section

Emissions Unit Information Section 6

1. Process Flow Diagram:	Figure 8
2. Fuel Analysis or Specification :	Appendix F
3. Detailed Description of Control Equipment :	Appendix J
4. Description of Stack Sampling Facilities :	Figure 8
5. Compliance Test Report :	Appendix G
6. Procedures for Startup and Shutdown:	Appendix H
7. Operation and Maintenance Plan :	Appendix H
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA
Additional Supplemental Requirements for Category I Application:	s Only_
10. Alternative Methods of Operations :	Appendix C
11. Alterntive Modes of Operation (Emissions Trading) :	NA

III. Part 13 - 11

DEP Form No. 62-210.900(1) - Form

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12. Identification of Addi	Identification of Additional Applicable Requirements :			
13. Compliance Assurance Plan :	ee Monitoring	NA		
14. Acid Rain Applicatio	n (Hard-copy Required) :			
Appendix I	Acid Rain Part - Phase II (Form	No. 62-210.900(1)(a))		
	Repowering Extension Plan (Fo	Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)		
	New Unit Exemption (Form No	New Unit Exemption (Form No. 62-210.900(1)(a)2.)		
	Retired Unit Exemption (Form	No. 62-210.900(1)(a)3.)		

III. Part 13 - 12

DEP Form No. 62-210.900(1) - Form

Combustion Turbine D	
Supplemental Requirements for All Applications	
1. Process Flow Diagram :	Figure 9
2. Fuel Analysis or Specification :	Appendix F
3. Detailed Description of Control Equipment :	Appendix J
4. Description of Stack Sampling Facilities :	Figure 9
5. Compliance Test Report :	Appendix G
6. Procedures for Startup and Shutdown:	Appendix H
7. Operation and Maintenance Plan :	Appendix H
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA
Additional Supplemental Requirements for Category I Applications	s Only
10. Alternative Methods of Operations :	Appendix C
11. Alterntive Modes of Operation (Emissions Trading):	NA

III. Part 13 - 13

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Emissions Unit Information Section

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12. Identification of Addit	ional Applicable Requirements : Appendix K	
13. Compliance Assurance	e Monitoring	
Plan :	-	
14. Acid Rain Application	(Hard-copy Required):	
Appendix I	Acid Rain Part - Phase II (Form No. 62-210.900(1)(a))
	Repowering Extension Plan (Form No. 62-210.900(1)	(a)1.)
	New Unit Exemption (Form No. 62-210.900(1)(a)2.)	

III. Part 13 - 14

DEP Form No. 62-210.900(1) - Form

Emissions Unit Information Section 8

1. Process Flow Diagram:	Figure 10
2. Fuel Analysis or Specification :	N A
B. Detailed Description of Control Equipment :	Appendix J
Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	Appendix G
6. Procedures for Startup and Shutdown:	Appendix H
7. Operation and Maintenance Plan :	Appendix H
Supplemental Information for Construction Permit Application	: NA
Other Information Required by Rule or Statue :	NA
additional Supplemental Requirements for Category I Applica	tions Only
0. Alternative Methods of Operations :	Appendix C
11. Alterntive Modes of Operation (Emissions Trading):	NA

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