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STATE OF FLORIDA
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

Tampa Electric Company Hookers Point Station
1700 Hemlock Street, Tampa, Florida
Existing, Permitted Facility

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official :

Name : John T. Duff
Title : General Manager, Hookers Point Stn.

2. Owner or Authorized Representative or Responsible Official Mailing Address :

Organization/Firm : Tampa Electric Company
Street Address : P.O. Box 111
City : Tampa
State : FL Zip Code : 33601--011

3. Owner/Authorized Representative or Responsible Official Telephone Numbers :

Telephone : (813)228-1874 Fax : (813)228-1905

4. Owner/Authorized Representative or Responsible Official Statement :

I, the undersigned, am the owner or authorized representative of the facility (non-Title V source) addressed in this Application for Air Permit or the responsible official, as defined in Chapter 62-213, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this application so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. If the purpose of this application is to obtain an air operation permit or operation permit revision for one or more emissions units which have undergone construction or modification, I certify that, with the exception of any changes detailed as part of this application, each such emissions unit 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. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.*

Signature Date

* Attach letter of authorization if not currently on file.

Scope of Application

Emissions Unit ID	Description of Emissions Unit
001	Unit No. 1; Residual Fuel Oil-Fired Steam Generator
002	Unit No. 2; Residual Fuel Oil-Fired Steam Generator
003	Unit No. 3; Residual Fuel Oil-Fired Steam Generator
004	Unit No. 4; Residual Fuel Oil-Fired Steam Generator
005	Unit No. 5; Residual Fuel Oil-Fired Steam Generator
006	Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Purpose of Application and Category

Category I : All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.

This Application for Air Permit is submitted to obtain :

[X] Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.

[ ] Initial 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 :

[ ] 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 :

[ ] Air operation permit revision or administrative correction for a Title V source to address one or 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 :

Category II : All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.

This Application for Air Permit is submitted to obtain :

[ ] 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) :

[ ] Renewal air operation permit under Rule 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 :

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.

Application Processing Fee

Attached - Amount : NA

Construction/Modification Information

1. Description of Proposed Project or Alterations : NA
2. Projected or Actual Date of Commencement of Construction :
3. Projected Date of Completion of Construction :

Professional Engineer Certification

1. Professional Engineer Name : Thomas W. Davis

   Registration Number : 36777

2. Professional Engineer Mailing Address :

   Organization/Firm : ECT, Inc.
   Street Address : 3701 Northwest 98th Street
   City : Gainesville
   State : FL Zip Code : 32606-____

3. Professional Engineer Telephone Numbers :

   Telephone : (352)332-0444 Fax : (352)332-6722

4. Professional Engineer Statement :

   I, the undersigned, hereby certified, except as particularly noted herein, that :*
   (1) To the best of my knowledge, there is reasonable assurance (a) that the air pollutant emissions unit(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 in the Florida Statutes and rules of the Department of Environmental Protection; or (b) for any application for a TitleV source air operation permit, that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in the application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application;
   (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; and
   (3) For any application for an air construction permit for one or more proposed new or modified emissions units, 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.

   _____ _____
   Signature Date

* Attach any exception to certification statement.

Application Contact

1. Name and Title of Application Contact :

Name : Janice Taylor
Title : Senior Engineer, Env. Planning

2. Application Contact Mailing Address :

Organization/Firm : Tampa Electric Company
Street Address : 702 N. Franklin Street
City : Tampa
State : FL Zip Code : 33602-____

3. Application Contact Telephone Numbers :

Telephone : (813)228-4839 Fax : (813)228-4881

Application Comment

Initial Title V permit application for Tampa Electric Company Hookers Point Station.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Name, Location, and Type

1. Facility Owner or Operator : Tampa Electric Company

2. Facility Name : Hookers Point Station

3. Facility Identification Number : 0570038

4. Facility Location Information :

Tampa Electric Company Hookers Point Station
1700 Hemlock Street, Tampa, Florida
Existing, Permitted Facility

Facility Address : Foot of Hemlock Street
City : Tampa
County : Hillsborough Zip Code : 33605-____

5. Facility UTM Coordinates :

Zone : 17 East (km) : 358.00 North (km) : 3,091.00

6. Facility Latitude/Longitude :

Latitude (DD/MM/SS) : Longitude (DD/MM/SS) :

7. Governmental Facility Code :	8. Facility Status Code :	9. Relocatable Facility?	10. Facility Major Group SIC Code :
0	A	N	49

11. Applicant Comment :

On-specification used oil will be burned for energy recovery up to 1,000,000 gallons per year facility-wide.

DEP Facility Comment :

does permit allow on-spec used oil?

Facility SIC Codes

Facility SIC Codes :

Property Boundary

UTM Coordinates :

Zone :	East :	km	North :	km

Building Identification

Identification of Building on Plot Plan or Flow Diagram :
Building Height : FT

Building Boundary

UTM Coordinates :

Zone :	East :	km	North :	km

Facility Contact

1. Name and Title of Facility Contact :

Name : Forest A. Chick
Title : Environmental Coordinator

2. Facility Contact Mailing Address :

Organization/Firm : Tampa Electric Company
Street Address : 1700 Hemlock Street
City : Tampa
State : FL Zip Code : 33605-____

3. Facility Contact Telephone Numbers :

Telephone : (813)248-1521 Fax : (813)228-1991

Facility Regulatory Classifications

1. 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
6. Major Source of Hazardous Air Pollutants (HAPs)?	Y
7. Synthetic Minor Source of HAPs?	N
8. One or More Emissions Units Subject to NSPS?	N
9. One or More Emission Units Subject to NESHAP?	N
10. Title V Source by EPA Designation?	N
11. Ozone SIP Facility?	
12. Annual Operating Report Required?	
13. Facility Regulatory Classifications Comment :	

B. FACILITY REGULATIONS

Rule Applicability Analysis

NA

B. FACILITY REGULATIONS

List of Applicable Regulations
Regulation Type : S

Regulation :
See Appendix A

C. FACILITY POLLUTANT INFORMATION

Facility Pollutant Information : Pollutant 1

1. Pollutant Emitted :	
2. Estimated Emissions :	(tons/year)
3. Requested Emissions Cap :	(lbs/hour) (tons/year)
4. Basis for Emissions Cap Code :	
5. Facility Pollutant Comment :	Facility Pollutant Codes: A - CO, NOX, PM, PM10, SO2, H106 (HCl), and H107 (HF). SM - None B - None
Pollutant Classification Code :	A
Regulation :	

D. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location :	II.D.1
2. Facility Plot Plan :	II.D.2
3. Process Flow Diagram(s) :	II.D.3
4. Precautions to Prevent Emissions of Unconfined Particulate Matter :	II.D.4
5. Fugitive Emissions Identification :	NA
6. Supplemental Information for Construction Permit Application :	NA

Additional Supplemental Requirements for Category I Applications Only

7. List of Insignificant Activities :	II.D.7
8. List of Equipment/Activities Regulated under Title VI :	NA
9. Alternative Methods of Operation :	NA
10. Alternative Modes of Operation (Emissions Trading) :	NA
11. Enhanced Monitoring Plan :	NA
12. Risk Management Plan Verification :	NA
13. Compliance Report and Plan :	II.D.13
14. Compliance Statement (Hard-copy Required) :	II.D.14

III. EMISSIONS UNIT INFORMATION

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Type of Emissions Unit Addressed in This Section

[X] 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, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated 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 only.

[ ] 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.

Emissions Unit Information Section 1

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Unit No. 1; Residual Fuel Oil-Fired Steam Generator		
Description of Emissions Unit for AIRS Trackin		
2. ARMS Identification Number : 001		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? Y	5. Emissions Unit Major Group SIC Code : 49
6. Initial Startup Date :		
7. Long-term Reserve Shutdown Date :		
8. Package Unit : Manufacturer : Model Number :		
9. Generator Nameplate Rating : 20 MW		
10. Incinerator Information : Dwell Temperature : °F Dwell Time : seconds Incinerator Afterburner Temperature : °F		
Emissions Unit Type Code :		
Ozone SIP Base Emissions Unit?		
11. Applicant Emissions Unit Comment : See process flow diagram in Document II.D.3. Babcock & Wilcox steam boiler. Unit Nos. 1 through 5 are ducted to a common steam header which feeds four steam turbine/generators. Generator nameplate rating (Field 9) is based on maximum steam flow from Unit No. 1.		
DEP Emissions Unit Comment :		

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	298 mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate :	Units :
4. Maximum Production Rate :	Units :
5. Operating Capacity Comment :	Maximum heat input rate is 298 MMBtu/hr determined using: (1) average monthly steam generation (lbs) and hours, and (2) previous year average station heat rate (Btu/KWH), station generation (KWH), and station steam generation (lbs).

C. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	CS-001	
2. Emission Point Type Code :	2	
3. Descriptions of Emission Points Comprising this Emissions Unit : NA		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common : Unit No. 1 (CS-001), Unit No. 2 (CS-002), and Unit No. 5 (CS-005)		
5. Discharge Type Code :	V	
6. Stack Height :	280	feet
7. Exit Diameter :	11.2	feet
8. Exit Temperature :	369	°F
9. Actual Volumetric Flow Rate :	132268	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) : 358.000 North (km) : 3091.000		
Good Engineering Practice Stack Height :		
14. Emission Point Comment : Stack temperature and flow rate data represent Unit No. 1 only (duct measurements prior to main stack) based on 7/13/94 source test.		

D. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Residual (No. 6) fuel oil burned in Unit No. 1.	
2. Source Classification Code (SCC) : 1-01-004-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 1.96	Hourly Rate Limit :
5. Maximum Annual Rate : 17,151.00	Annual Rate Limit :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 1.00	Percent Sulfur Limit :
8. Maximum Percent Ash : 0.10	
9. Million Btu per SCC Unit : 152	
10. Segment Comment : No. 2 fuel oil used for ignition during start-up. Btu per SCC unit value (Field 9) based on average fuel heat content of 152,210 Btu/gal. No. 6 fuel oil may be supplemented with used oil and up to 50 gallons per minute of non-hazardous boiler chemical cleaning waste.	

E. POLLUTANT INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	327.80 lb/hour 1,435.80 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	1.10
Units :	lb/MMBtu
Reference :	Allowable emission
9. Emissions Method Code :	

10. Calculations of Emissions :

See Appendix C

11. Pollutant Potential/Estimated Emissions Comment :

Potential emissions set equal to allowable emissions.

Emission Unit Pollutant Codes:

EL - PM and SO2
WP - None
NS - CO, NOX, PM10, VOC, H106 (HCl), and H107 (HF).

Control Device Codes: No air pollution control devices are installed.

E. POLLUTANT INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	PM
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	29.80 lb/hour 163.20 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	0.30
Units :	lb/MMBtu
Reference :	Allowable emissions
9. Emissions Method Code :	
10. Calculations of Emissions :	See Appendix C
11. Pollutant Potential/Estimated Emissions Comment :	Potential emissions set equal to allowable emissions. Emission factor of 0.3 lb/MMBtu applicable during soot blowing. Annual PM emission rate based on 3 hrs/day soot blowing and 21 hrs/day non-soot blowing.

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	1.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	327.8000 lb/hour 1,435.8000 tons/year
5. Method of Compliance :	Annual fuel analysis.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	FDEP Rule 62-296.405(1)(c)1.d., F.A.C.

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	29.8000 lb/hour 163.2000 tons/year
5. Method of Compliance :	Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	0.1 lb/MMBtu applicable during non-soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	RULE			
2. Future Effective Date of Allowable Emissions :				
3. Requested Allowable Emissions and Units :	0.3000	lb/MMBtu		
4. Equivalent Allowable Emissions :	89.4000	lb/hour	163.2000	tons/year

5. Method of Compliance :

Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.

Method of Compliance Code :

Frequency Base Date (DD-MON-YYYY) :

Compliance Test Frequency :

Regulation :

6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :

0.3 lb/MMBtu applicable during soot blowing.
Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu.
FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :	20	%	
Exceptional Conditions :	27	%	
Maximum Period of Excess Opacity Allowed :	6	min/hour	
4. Method of Compliance : Annual test using EPA Reference Method 9.			
5. Visible Emissions Comment : FDEP Rule 62-296.405(1)(a), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 2

1. Visible Emissions Subtype :	VES	
2. Basis for Allowable Opacity :	RULE	
3. Requested Allowable Opacity :		
Normal Conditions :		%
Exceptional Conditions :	100	%
Maximum Period of Excess Opacity Allowed :	24	min/hour
4. Method of Compliance :		
5. Visible Emissions Comment : Visible emissions above 60 percent opacity are allowed during boiler cleaning and load changes. FDEP Rule 62-210.700(3), F.A.C.		
Compliance Test Frequency :		
Frequency Base Date (DD-MON-YYYY) :		
COM Required?		
Regulation :		

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 4

1. Visible Emissions Subtype :	VEX		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Applicable for excess emissions resulting from boiler startups and shutdowns. FDEP Rule 62-210.700(2), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 5

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Rule 62-210.700(1). Excess emissions resulting from startup, shutdown, or malfunction are allowed for up to 2 hours in any 24-hour period.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : VE
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 400 Serial Number : 400B-48885-B70/
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. COMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : SO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 43B Serial Number : 43B-48334-280
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : NOX
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 42D Serial Number : 42D-48741-281
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : FLOW
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : USI Model Number : Ultraflow 100 Serial Number : 9401635
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required by 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : CO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Siemens Model Number : Ultramat 5E Serial Number : E3-793
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required by 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

III. EMISSIONS UNIT INFORMATION

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Type of Emissions Unit Addressed in This Section

[X] 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, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated 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 only.

[ ] 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. EMISSIONS UNIT INFORMATION

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Type of Emissions Unit Addressed in This Section

[X] 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, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated 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 only.

[ ] 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. EMISSIONS UNIT INFORMATION

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Type of Emissions Unit Addressed in This Section

[X] 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, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated 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 only.

[ ] 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. EMISSIONS UNIT INFORMATION

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Type of Emissions Unit Addressed in This Section

[X] 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, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated 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 only.

[ ] 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. EMISSIONS UNIT INFORMATION

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Type of Emissions Unit Addressed in This Section

[X] 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, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated 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 only.

[ ] 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.

Emissions Unit Information Section 2

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Unit No. 2; Residual Fuel Oil-Fired Steam Generator		
Description of Emissions Unit for AIRS Trackin		
2. ARMS Identification Number : 002		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? Y	5. Emissions Unit Major Group SIC Code : 49
6. Initial Startup Date :		
7. Long-term Reserve Shutdown Date :		
8. Package Unit : Manufacturer : Model Number :		
9. Generator Nameplate Rating : 20 MW		
10. Incinerator Information : Dwell Temperature : °F Dwell Time : seconds Incinerator Afterburner Temperature : °F		
Emissions Unit Type Code :		
Ozone SIP Base Emissions Unit?		
11. Applicant Emissions Unit Comment : See process flow diagram in Document II.D.3. Babcock & Wilcox steam boiler. Unit Nos. 1 through 5 are ducted to a common steam header which feeds four steam turbine/generators. Generator nameplate rating (Field 9) is based on maximum steam flow from Unit No. 2.		
DEP Emissions Unit Comment :		

Emissions Unit Information Section 3

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Unit No. 3; Residual Fuel Oil-Fired Steam Generator		
Description of Emissions Unit for AIRS Trackin		
2. ARMS Identification Number : 003		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? Y	5. Emissions Unit Major Group SIC Code : 49
6. Initial Startup Date :		
7. Long-term Reserve Shutdown Date :		
8. Package Unit : Manufacturer : Model Number :		
9. Generator Nameplate Rating : 35 MW		
10. Incinerator Information : Dwell Temperature : °F Dwell Time : seconds Incinerator Afterburner Temperature : °F		
Emissions Unit Type Code :		
Ozone SIP Base Emissions Unit?		
11. Applicant Emissions Unit Comment : See process flow diagram in Document II.D.3. Babcock & Wilcox steam boiler. Unit Nos. 1 through 5 are ducted to a common steam header which feeds four steam turbine/generators. Generator nameplate rating (Field 9) is based on maximum steam flow from Unit No. 3.		
DEP Emissions Unit Comment :		

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Unit No. 4; Residual Fuel Oil-Fired Steam Generator		
Description of Emissions Unit for AIRS Trackin		
2. ARMS Identification Number : 004		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? Y	5. Emissions Unit Major Group SIC Code : 49
6. Initial Startup Date :		
7. Long-term Reserve Shutdown Date :		
8. Package Unit : Manufacturer : Model Number :		
9. Generator Nameplate Rating : 35 MW		
10. Incinerator Information : Dwell Temperature : °F Dwell Time : seconds Incinerator Afterburner Temperature : °F		
Emissions Unit Type Code :		
Ozone SIP Base Emissions Unit?		
11. Applicant Emissions Unit Comment : See process flow diagram in Document II.D.3. Babcock & Wilcox steam boiler. Unit Nos. 1 through 5 are ducted to a common steam header which feeds four steam turbine/generators. Generator nameplate rating (Field 9) is based on maximum steam flow from Unit No. 4.		
DEP Emissions Unit Comment :		

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Unit No. 5; Residual Fuel Oil-Fired Steam Generator		
Description of Emissions Unit for AIRS Trackin		
2. ARMS Identification Number : 005		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? Y	5. Emissions Unit Major Group SIC Code : 49
6. Initial Startup Date :		
7. Long-term Reserve Shutdown Date :		
8. Package Unit : Manufacturer : Model Number :		
9. Generator Nameplate Rating : 45 MW		
10. Incinerator Information : Dwell Temperature : °F Dwell Time : seconds Incinerator Afterburner Temperature : °F		
Emissions Unit Type Code :		
Ozone SIP Base Emissions Unit?		
11. Applicant Emissions Unit Comment : See process flow diagram in Document II.D.3. Babcock & Wilcox steam boiler. Unit Nos. 1 through 5 are ducted to a common steam header which feeds four steam turbine/generators. Generator nameplate rating (Field 9) is based on maximum steam flow from Unit No. 5.		
DEP Emissions Unit Comment :		

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Unit No. 6; Residual Fuel Oil-Fired Steam Generator		
Description of Emissions Unit for AIRS Trackin		
2. ARMS Identification Number : 006		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? Y	5. Emissions Unit Major Group SIC Code : 49
6. Initial Startup Date :		
7. Long-term Reserve Shutdown Date :		
8. Package Unit : Manufacturer : Model Number :		
9. Generator Nameplate Rating : 72 MW		
10. Incinerator Information : Dwell Temperature : °F Dwell Time : seconds Incinerator Afterburner Temperature : °F		
Emissions Unit Type Code :		
Ozone SIP Base Emissions Unit?		
11. Applicant Emissions Unit Comment : See process flow diagram in Document II.D.3. Combustion Engineering steam boiler.		
DEP Emissions Unit Comment :		

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Control Equipment 1

1. Description : None
2. Control Device or Method Code :

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Control Equipment 1

1. Description : None
2. Control Device or Method Code :

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Control Equipment 1

1. Description : None
2. Control Device or Method Code :

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Control Equipment 1

1. Description : None
2. Control Device or Method Code :

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Control Equipment 1

1. Description : None
2. Control Device or Method Code :

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Control Equipment 1

1. Description : None
2. Control Device or Method Code :

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	298 mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate :	Units :
4. Maximum Production Rate :	Units :
5. Operating Capacity Comment :	Maximum heat input rate is 298 MMBtu/hr determined using: (1) average monthly steam generation (lbs) and hours, and (2) previous year average station heat rate (Btu/KWH), station generation (KWH), and station steam generation (lbs)

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	411 mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate :	Units :
4. Maximum Production Rate :	Units :
5. Operating Capacity Comment :	Maximum heat input rate is 411 MMBtu/hr determined using: (1) average monthly steam generation (lbs) and hours, and (2) previous year average station heat rate (Btu/KWH), station generation (KWH), and station steam generation (lbs)

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	411 mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate :	Units :
4. Maximum Production Rate :	Units :
5. Operating Capacity Comment :	Maximum heat input rate is 411 MMBtu/hr determined using: (1) average monthly steam generation (lbs) and hours, and (2) previous year average station heat rate (Btu/KWH), station generation (KWH), and station steam generation (lbs)

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	610 mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate :	Units :
4. Maximum Production Rate :	Units :
5. Operating Capacity Comment :	Maximum heat input rate is 610 MMBtu/hr determined using: (1) average monthly steam generation (lbs) and hours, and (2) previous year average station heat rate (Btu/KWH), station generation (KWH), and station steam generation (lbs)

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	778 mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate :	Units :
4. Maximum Production Rate :	Units :
5. Operating Capacity Comment :	Maximum heat input rate is 778 MMBtu/hr determined using: (1) average monthly steam generation (lbs) and hours, and (2) previous year average station heat rate (Btu/KWH), station generation (KWH), and station steam generation (lbs)

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8760 hours/year

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8760 hours/year

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8760 hours/year

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8760 hours/year

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8760 hours/year

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8760 hours/year

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Rule Applicability Analysis

NA

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Rule Applicability Analysis

NA

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Rule Applicability Analysis

NA

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Rule Applicability Analysis

NA

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Rule Applicability Analysis

N/A

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Rule Applicability Analysis

N/A

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 1

List of Applicable Regulations

Regulation Type :

Regulation :
See Appendix A

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 2

List of Applicable Regulations

Regulation Type :

Regulation :
See Appendix A

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 3

List of Applicable Regulations

Regulation Type :

Regulation :
See Appendix A

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 4

List of Applicable Regulations

Regulation Type :

Regulation :
See Appendix A

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 5

List of Applicable Regulations

Regulation Type :

Regulation :
See Appendix A

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 6

List of Applicable Regulations

Regulation Type :

Regulation :
See Appendix A

B. EMISSIONS UNIT REGULATIONS

Emissions Unit Information Section 6

List of Applicable Regulations

C. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	CS-002	
2. Emission Point Type Code :	2	
3. Descriptions of Emission Points Comprising this Emissions Unit : NA		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common : Unit No. 1 (CS-001), Unit No. 2 (CS-002), and Unit No. 5 (CS-005)		
5. Discharge Type Code :	V	
6. Stack Height :	280	feet
7. Exit Diameter :	11.2	feet
8. Exit Temperature :	351	°F
9. Actual Volumetric Flow Rate :	142547	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) : 358.000 North (km) : 3091.000		
Good Engineering Practice Stack Height :		
14. Emission Point Comment : Stack temperature and flow rate data represent Unit No. 2 only (duct measurements prior to main stack) based on 6/22/94 source test.		

C. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	CS-003	
2. Emission Point Type Code :	2	
3. Descriptions of Emission Points Comprising this Emissions Unit : NA		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common : Unit No. 3 (CS-003) and Unit No. 4 (CS-004)		
5. Discharge Type Code :	V	
6. Stack Height :	280	feet
7. Exit Diameter :	11.2	feet
8. Exit Temperature :	330	°F
9. Actual Volumetric Flow Rate :	206528	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) : 358.000 North (km) : 3091.000		
Good Engineering Practice Stack Height :		
14. Emission Point Comment : Stack temperature and flow rate data represent Unit No. 3 only (Unit No. 4 not in operation during test) based on 7/22/94 source test.		

C. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	CS-004	
2. Emission Point Type Code :	2	
3. Descriptions of Emission Points Comprising this Emissions Unit : NA		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common : Unit No. 3 (CS-003) and Unit No. 4 (CS-004)		
5. Discharge Type Code :	V	
6. Stack Height :	280	feet
7. Exit Diameter :	11.2	feet
8. Exit Temperature :	352	°F
9. Actual Volumetric Flow Rate :	218790	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) : 358.000 North (km) : 3091.000		
Good Engineering Practice Stack Height :		
14. Emission Point Comment : Stack temperature and flow rate data represent Unit No. 4 only (Unit No. 3 not in operation during test) based on 7/28/94 source test.		

C. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	CS-005	
2. Emission Point Type Code :	2	
3. Descriptions of Emission Points Comprising this Emissions Unit : N/A		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common : Unit No. 1 (CS-001), Unit No. 2 (CS-002), and Unit No. 5 (CS-005)		
5. Discharge Type Code :	V	
6. Stack Height :	280	feet
7. Exit Diameter :	11.2	feet
8. Exit Temperature :	352	°F
9. Actual Volumetric Flow Rate :	218790	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) : 358.000 North (km) : 3091.000		
Good Engineering Practice Stack Height :		
14. Emission Point Comment : Stack temperature and flow rate data represent Unit No. 5 only (duct measurements prior to main stack) based on 6/16/94 source test.		

C. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	CS-006	
2. Emission Point Type Code :	1	
3. Descriptions of Emission Points Comprising this Emissions Unit : N/A		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common : N/A		
5. Discharge Type Code :	V	
6. Stack Height :	280	feet
7. Exit Diameter :	9.4	feet
8. Exit Temperature :	329	°F
9. Actual Volumetric Flow Rate :	313188	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) : 358.000 North (km) : 3091.000		
Good Engineering Practice Stack Height :		
14. Emission Point Comment : Stack temperature and flow rate data based on 4/27/94 source test.		

D. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Residual (No. 6) fuel oil burned in Unit No. 2.	
2. Source Classification Code (SCC) : 1-01-004-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 1.96	Hourly Rate Limit :
5. Maximum Annual Rate : 17,151.00	Annual Rate Limit :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 1.00	Percent Sulfur Limit :
8. Maximum Percent Ash : 0.10	
9. Million Btu per SCC Unit : 152	
10. Segment Comment : No. 2 fuel oil used for ignition during start-up. Btu per SCC unit value (Field 9) based on average fuel heat content of 152,210 Btu/gal. No. 6 fuel oil may be supplemented with used oil and up to 50 gallons per minute of non-hazardous boiler chemical cleaning waste.	

D. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Residual (No. 6) fuel oil burned in Unit No. 3.	
2. Source Classification Code (SCC) : 1-01-004-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 2.70	Hourly Rate Limit :
5. Maximum Annual Rate : 23,654.00	Annual Rate Limit :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 1.00	Percent Sulfur Limit :
8. Maximum Percent Ash : 0.10	
9. Million Btu per SCC Unit : 152	
10. Segment Comment : No. 2 fuel oil used for ignition during start-up. Btu per SCC unit value (Field 9) based on average fuel heat content of 152,210 Btu/gal. No. 6 fuel oil may be supplemented with used oil and up to 50 gallons per minute of non-hazardous boiler chemical cleaning waste.	

D. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Residual (No. 6) fuel oil burned in Unit No. 3.	
2. Source Classification Code (SCC) : 1-01-004-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 2.70	Hourly Rate Limit :
5. Maximum Annual Rate : 23,654.00	Annual Rate Limit :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 1.00	Percent Sulfur Limit :
8. Maximum Percent Ash : 0.10	
9. Million Btu per SCC Unit : 152	
10. Segment Comment : No. 2 fuel oil used for ignition during start-up. Btu per SCC unit value (Field 9) based on average fuel heat content of 152,210 Btu/gal. No. 6 fuel oil may be supplemented with used oil and up to 50 gallons per minute of non-hazardous boiler chemical cleaning waste.	

D. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Residual (No. 6) fuel oil burned in Unit No. 5.	
2. Source Classification Code (SCC) : 1-01-004-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 4.01	Hourly Rate Limit :
5. Maximum Annual Rate : 35,107.00	Annual Rate Limit :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 1.00	Percent Sulfur Limit :
8. Maximum Percent Ash : 0.10	
9. Million Btu per SCC Unit : 152	
10. Segment Comment : No. 2 fuel oil used for ignition during start-up. Btu per SCC unit value (Field 9) based on average fuel heat content of 152,210 Btu/gal. No. 6 fuel oil may be supplemented with used oil and up to 50 gallons per minute of non-hazardous boiler chemical cleaning waste.	

D. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Residual (No. 6) fuel oil burned in Unit No. 6.	
2. Source Classification Code (SCC) : 1-01-004-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 5.11	Hourly Rate Limit :
5. Maximum Annual Rate : 44,776.00	Annual Rate Limit :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 1.00	Percent Sulfur Limit :
8. Maximum Percent Ash : 0.10	
9. Million Btu per SCC Unit : 152	
10. Segment Comment : No. 2 fuel oil and propane used for ignition during start-up. Btu per SCC unit value (Field 9) based on average fuel heat content of 152,210 Btu/gal. No. 6 fuel oil may be supplemented with used oil and up to 50 gallons per minute of non-hazardous boiler chemical cleaning waste.	

E. POLLUTANT INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	327.80 lb/hour 1,435.80 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	1.10
Units :	lb/MMBtu
Reference :	Allowable emissions
9. Emissions Method Code :	
10. Calculations of Emissions :	
See Appendix C	
11. Pollutant Potential/Estimated Emissions Comment :	

Potential emissions set equal to allowable emissions.

Emission Unit Pollutant Codes:

EL - PM and SO2
WP - None
NS - CO, NOX, PM10, VOC, H106 (HCl), and H107 (HF).

Control Device Codes: No air pollution control devices are installed.

E. POLLUTANT INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	PM
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	29.80 lb/hour 163.20 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	0.30
Units :	lb/MMBtu
Reference :	Allowable emissions
9. Emissions Method Code :	
10. Calculations of Emissions :	See Appendix C
11. Pollutant Potential/Estimated Emissions Comment :	Potential emissions set equal to allowable emissions. Emission factor of 0.3 lb/MMBtu applicable during soot blowing. Annual PM emission rate based on 3 hrs/day soot blowing and 21 hrs/day non-soot blowing.

E. POLLUTANT INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	452.10 lb/hour 1,980.20 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	1.10
Units :	lb/MMBtu
Reference :	Allowable emissions
9. Emissions Method Code :	
10. Calculations of Emissions :	See Appendix C

11. Pollutant Potential/Estimated Emissions Comment :

Potential emissions set equal to allowable emissions.

Emission Unit Pollutant Codes:

EL - PM and SO2
WP - None
NS - CO, NOX, PM10, VOC, H106 (HCl), and H107 (HF).

Control Device Codes: No air pollution control devices are installed.

E. POLLUTANT INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	PM
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	123.30 lb/hour 225.00 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	0.30
Units :	lb/MMBtu
Reference :	Allowable emissions
9. Emissions Method Code :	
10. Calculations of Emissions :	See Appendix C
11. Pollutant Potential/Estimated Emissions Comment :	Potential emissions set equal to allowable emissions. Emission factor of 0.3 lb/MMBtu applicable during soot blowing. Annual PM emission rate based on 3 hrs/day soot blowing and 21 hrs/day non-soot blowing.

E. POLLUTANT INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	452.10 lb/hour 1,980.20 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	1.10
Units :	lb/MMBtu
Reference :	Allowable emissions
9. Emissions Method Code :	
10. Calculations of Emissions :	See Appendix C

11. Pollutant Potential/Estimated Emissions Comment :

Potential emissions set equal to allowable emissions.

Emission Unit Pollutant Codes:

EL - PM and SO2
WP - None
NS - CO, NOX, PM10, VOC, H106 (HCl), and H107 (HF).

Control Device Codes: No air pollution control devices are installed.

E. POLLUTANT INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	PM
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	123.50 lb/hour 225.00 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	0.30
Units :	lb/MMBtu
Reference :	Allowable emissions
9. Emissions Method Code :	
10. Calculations of Emissions :	See Appendix C
11. Pollutant Potential/Estimated Emissions Comment :	Potential emissions set equal to allowable emissions. Emission factor of 0.3 lb/MMBtu applicable during soot blowing. Annual PM emission rate based on 3 hrs/day soot blowing and 21 hrs/day non-soot blowing.

E. POLLUTANT INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	855.80 lb/hour 3,748.40 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	1.10
Units :	lb/MMBtu
Reference :	Allowable emissions
9. Emissions Method Code :	
10. Calculations of Emissions :	See Appendix C

11. Pollutant Potential/Estimated Emissions Comment :

Potential emissions set equal to allowable emissions.

Emission Unit Pollutant Codes:

EL - PM and SO2
WP - None
NS - CO, NOX, PM10, VOC, H106 (HCl), and H107 (HF).

Control Device Codes: No air pollution control devices are installed.

E. POLLUTANT INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	PM	
2. Total Percent Efficiency of Control :	0.00 %	
3. Primary Control Device Code :		
4. Secondary Control Device Code :		
5. Potential Emissions :	233.40 lb/hour	426.00 tons/year
6. Synthetically Limited?	N	
7. Range of Estimated Fugitive/Other Emissions:		to tons/year
8. Emissions Factor :	0.30	
Units :	lb/MMBtu	
Reference :	Allowable emissions	
9. Emissions Method Code :		
10. Calculations of Emissions :		
See Appendix C		
11. Pollutant Potential/Estimated Emissions Comment :		
Potential emissions set equal to allowable emissions. Emission factor of 0.3 lb/MMBtu applicable during soot blowing. Annual PM emission rate based on 3 hrs/day soot blowing and 21 hrs/day non-soot blowing.		

E. POLLUTANT INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted :	SO2
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	671.00 lb/hour 2,939.00 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	1.10
Units :	lb/MMBtu
Reference :	Allowable emissions
9. Emissions Method Code :	
10. Calculations of Emissions :	See Appendix C

11. Pollutant Potential/Estimated Emissions Comment :

Potential emissions set equal to allowable emissions.

Emission Unit Pollutant Codes:

EL - PM and SO2
WP - None
NS - CO, NOX, PM10, VOC, H106 (HCl), and H107 (HF).

Control Device Codes: No air pollution control devices are installed.

E. POLLUTANT INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted :	PM
2. Total Percent Efficiency of Control :	0.00 %
3. Primary Control Device Code :	
4. Secondary Control Device Code :	
5. Potential Emissions :	183.00 lb/hour 334.00 tons/year
6. Synthetically Limited?	N
7. Range of Estimated Fugitive/Other Emissions:	to tons/year
8. Emissions Factor :	0.30
Units :	lb/MMBtu
Reference :	Allowable emissions
9. Emissions Method Code :	
10. Calculations of Emissions :	See Appendix C
11. Pollutant Potential/Estimated Emissions Comment :	Potential emissions set equal to allowable emissions. Emission factor of 0.3 lb/MMBtu applicable during soot blowing. Annual PM emission rate based on 3 hrs/day soot blowing and 21 hrs/day non-soot blowing.

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	1.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	327.8000 lb/hour 1,435.8000 tons/year
5. Method of Compliance : Annual fuel analysis.	
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : FDEP Rule 62-296.405(1)(c)1.d., F.A.C.	

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	29.8000 lb/hour 163.2000 tons/year
5. Method of Compliance :	Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	0.1 lb/MMBtu applicable during non-soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	1.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	452.1000 lb/hour 1,980.2000 tons/year
5. Method of Compliance :	Annual fuel analysis.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	FDEP Rule 62-296.405(1)(c)1.d., F.A.C.

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	41.1000 lb/hour 225.0000 tons/year
5. Method of Compliance :	Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	0.1 lb/MMBtu applicable during non-soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	1.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	452.1000 lb/hour 1,980.2000 tons/year
5. Method of Compliance : Annual fuel analysis.	
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : FDEP Rule 62-296.405(1)(c)1.d., F.A.C.	

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	41.1000 lb/hour 225.0000 tons/year
5. Method of Compliance :	Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	0.1 lb/MMBtu applicable during non-soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.3000 lb/MMBtu
4. Equivalent Allowable Emissions :	89.4000 lb/hour 163.2000 tons/year
5. Method of Compliance :	Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	0.3 lb/MMBtu applicable during soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	1.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	671.0000 lb/hour 2,939.0000 tons/year
5. Method of Compliance :	Annual fuel analysis.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	FDEP Rule 62-296.405(1)(c)1.d., F.A.C.

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	61.0000 lb/hour 334.0000 tons/year
5. Method of Compliance :	Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	0.1 lb/MMBtu applicable during non-soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.3000 lb/MMBtu
4. Equivalent Allowable Emissions :	183.0000 lb/hour 334.0000 tons/year
5. Method of Compliance :	Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	0.3 lb/MMBtu applicable during soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.3000 lb/MMBtu
4. Equivalent Allowable Emissions :	123.3000 lb/hour 225.0000 tons/year
5. Method of Compliance :	Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	0.3 lb/MMBtu applicable during soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.3000 lb/MMBtu
4. Equivalent Allowable Emissions :	123.3000 lb/hour 225.0000 tons/year
5. Method of Compliance :	Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	0.3 lb/MMBtu applicable during soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	1.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	855.8000 lb/hour 3,748.4000 tons/year
5. Method of Compliance : Annual fuel analysis.	
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : FDEP Rule 62-296.405(1)(c)1.d., F.A.C.	

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.1000 lb/MMBtu
4. Equivalent Allowable Emissions :	77.8000 lb/hour 426.0000 tons/year
5. Method of Compliance :	Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	0.1 lb/MMBtu applicable during non-soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Pollutant Information Section 2

Allowable Emissions 2

1. Basis for Allowable Emissions Code :	
2. Future Effective Date of Allowable Emissions :	
3. Requested Allowable Emissions and Units :	0.3000 lb/MMBtu
4. Equivalent Allowable Emissions :	233.4000 lb/hour 426.0000 tons/year
5. Method of Compliance : Annual test using EPA Reference Method 5, 5B, or 17. As an option, three soot-blowing test runs will be used to demonstrate compliance with non-soot blowing standard.	
Method of Compliance Code :	
Frequency Base Date (DD-MON-YYYY) :	
Compliance Test Frequency :	
Regulation :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : 0.3 lb/MMBtu applicable during soot blowing. Annual allowable emissions based on 21 hrs/dy at 0.1 lb/MMBtu and 3 hrs/dy at 0.3 lb/MMBtu. FDEP Rules 62-210.700(3) and 62-296.405(1)(b), F.A.C.	

Emissions Unit Information Section _____

Pollutant Information Section _____

Allowable Emissions Information Section _____

Test Methods

Test Method Codes :

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :	20	%	
Exceptional Conditions :	27	%	
Maximum Period of Excess Opacity Allowed :	6	min/hour	
4. Method of Compliance : Annual test using EPA Reference Method 9.			
5. Visible Emissions Comment : FDEP Rule 62-296.405(1)(a), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :	20	%	
Exceptional Conditions :	27	%	
Maximum Period of Excess Opacity Allowed :	6	min/hour	
4. Method of Compliance : Annual test using EPA Reference Method 9.			
5. Visible Emissions Comment : FDEP Rule 62-296.405(1)(a), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 2

1. Visible Emissions Subtype :	VES		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	24	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Visible emissions above 60 percent opacity are allowed during boiler cleaning and load changes. FDEP Rule 62-210.700(3), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :	20	%	
Exceptional Conditions :	27	%	
Maximum Period of Excess Opacity Allowed :	6	min/hour	
4. Method of Compliance : Annual test using EPA Reference Method 9.			
5. Visible Emissions Comment : FDEP Rule 62-296.405(1)(a), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 2

1. Visible Emissions Subtype :	VES		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	24	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Visible emissions above 60 percent opacity are allowed during boiler cleaning and load changes. FDEP Rule 62-210.700(3), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 3

1. Visible Emissions Subtype :	VES	
2. Basis for Allowable Opacity :	RULE	
3. Requested Allowable Opacity :		
Normal Conditions :		%
Exceptional Conditions :	60	%
Maximum Period of Excess Opacity Allowed :	60	min/hour
4. Method of Compliance :		
5. Visible Emissions Comment : Excess emissions shall not exceed 3 hrs in any 24-hr period. FDEP Rule 62-210.700(3), F.A.C.		
Compliance Test Frequency :		
Frequency Base Date (DD-MON-YYYY) :		
COM Required?		
Regulation :		

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 3

1. Visible Emissions Subtype :	VES		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	60	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Excess emissions shall not exceed 3 hrs in any 24-hr period. FDEP Rule 62-210.700(3), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 3

1. Visible Emissions Subtype :	VES		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	60	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Excess emissions shall not exceed 3 hrs in any 24-hr period. FDEP Rule 62-210.700(3), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :	20	%	
Exceptional Conditions :	27	%	
Maximum Period of Excess Opacity Allowed :	6	min/hour	
4. Method of Compliance : Annual test using EPA Reference Method 9.			
5. Visible Emissions Comment : FDEP Rule 62-296.405(1)(a), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 2

1. Visible Emissions Subtype :	VES		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	24	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Visible emissions above 60 percent opacity are allowed during boiler cleaning and load changes. FDEP Rule 62-210.700(3), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 3

1. Visible Emissions Subtype :	VES		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	60	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Excess emissions shall not exceed 3 hrs in any 24-hr period. FDEP Rule 62-210.700(3), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 2

1. Visible Emissions Subtype :	VES		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	24	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Visible emissions above 60 percent opacity are allowed during boiler cleaning and load changes. FDEP Rule 62-210.700(3), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 3

1. Visible Emissions Subtype :	VES	
2. Basis for Allowable Opacity :	RULE	
3. Requested Allowable Opacity :		
Normal Conditions :		%
Exceptional Conditions :	60	%
Maximum Period of Excess Opacity Allowed :	60	min/hour
4. Method of Compliance :		
5. Visible Emissions Comment : Excess emissions shall not exceed 3 hrs in any 24-hr period. FDEP Rule 62-210.700(3), F.A.C.		
Compliance Test Frequency :		
Frequency Base Date (DD-MON-YYYY) :		
COM Required?		
Regulation :		

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :	20	%	
Exceptional Conditions :	27	%	
Maximum Period of Excess Opacity Allowed :	6	min/hour	
4. Method of Compliance : Annual test using EPA Reference Method 9.			
5. Visible Emissions Comment : FDEP Rule 62-296.405(1)(a), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 2

1. Visible Emissions Subtype :	VES		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :			%
Exceptional Conditions :	100		%
Maximum Period of Excess Opacity Allowed :	24		min/hour
4. Method of Compliance :			
5. Visible Emissions Comment : Visible emissions above 60 percent opacity are allowed during boiler cleaning and load changes.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 3

1. Visible Emissions Subtype :	VES
2. Basis for Allowable Opacity :	RULE
3. Requested Allowable Opacity :	
Normal Conditions :	%
Exceptional Conditions :	60 %
Maximum Period of Excess Opacity Allowed :	60 min/hour
4. Method of Compliance :	
5. Visible Emissions Comment :	Excess emissions shall not exceed 3 hrs in any 24-hr period. FDEP Rule 62-210.700(3), F.A.C.
Compliance Test Frequency :	
Frequency Base Date (DD-MON-YYYY) :	
COM Required?	
Regulation :	

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 4

1. Visible Emissions Subtype :	VEX		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :			%
Exceptional Conditions :	100		%
Maximum Period of Excess Opacity Allowed :	60		min/hour
4. Method of Compliance :			
5. Visible Emissions Comment : Applicable for excess emissions resulting from boiler startups and shutdowns. FDEP Rule 62-210.700(2), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 4

1. Visible Emissions Subtype :	VEX		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :			%
Exceptional Conditions :	100		%
Maximum Period of Excess Opacity Allowed :	60		min/hour
4. Method of Compliance :			
5. Visible Emissions Comment : Applicable for excess emissions resulting from boiler startups and shutdowns. FDEP Rule 62-210.700(2), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 4

1. Visible Emissions Subtype :	VEX		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Applicable for excess emissions resulting from boiler startups and shutdowns. FDEP Rule 62-210.700(2), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 4

1. Visible Emissions Subtype :	VEX		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Applicable for excess emissions resulting from boiler startups and shutdowns. FDEP Rule 62-210.700(2), F.A.C.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 4

1. Visible Emissions Subtype :	VEX	
2. Basis for Allowable Opacity :		
3. Requested Allowable Opacity :		
Normal Conditions :		%
Exceptional Conditions :	100	%
Maximum Period of Excess Opacity Allowed :	60	min/hour
4. Method of Compliance :		
5. Visible Emissions Comment : Applicable for excess emissions resulting from boiler startups and shutdowns. FDEP Rule 62-210.700(2), F.A.C.		
Compliance Test Frequency :		
Frequency Base Date (DD-MON-YYYY) :		
COM Required?		
Regulation :		

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 5

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Rule 62-210.700(1). Excess emissions resulting from startup, shutdown, or malfunction are allowed for up to 2 hours in any 24-hour period.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 5

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Rule 62-210.700(1). Excess emissions resulting from startup, shutdown, or malfunction are allowed for up to 2 hours in any 24-hour period.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 5

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :			%
Exceptional Conditions :	100		%
Maximum Period of Excess Opacity Allowed :	60		min/hour
4. Method of Compliance :			
5. Visible Emissions Comment : Rule 62-210.700(1). Excess emissions resulting from startup, shutdown, or malfunction are allowed for up to 2 hours in any 24-hour period.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 5

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Rule 62-210.700(1). Excess emissions resulting from startup, shutdown, or malfunction are allowed for up to 2 hours in any 24-hour period.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

F. VISIBLE EMISSIONS INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Visible Emissions Limitation : Visible Emissions Limitation 5

1. Visible Emissions Subtype :	VE		
2. Basis for Allowable Opacity :	RULE		
3. Requested Allowable Opacity :			
Normal Conditions :		%	
Exceptional Conditions :	100	%	
Maximum Period of Excess Opacity Allowed :	60	min/hour	
4. Method of Compliance :			
5. Visible Emissions Comment : Rule 62-210.700(1). Excess emissions resulting from startup, shutdown, or malfunction are allowed for up to 2 hours in any 24-hour period.			
Compliance Test Frequency :			
Frequency Base Date (DD-MON-YYYY) :			
COM Required?			
Regulation :			

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : VE
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 400 Serial Number : 400B-48885-B70/
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. COMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : SO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 43B Serial Number : 43B-48334-280
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : VE
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmenal Corporation Model Number : 400 Serial Number : 400B-48886-B70/
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. COMS installed on Stack No. 2 - common stack for Unit Nos. 3 and 4.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : SO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 43B Serial Number : 43B-48364-280
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 2 - common stack for Unit Nos. 3 and 4.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : VE
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 400 Serial Number : 400B-48886-B70/
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. COMS installed on Stack No. 2 - common stack for Unit Nos. 3 and 4.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : SO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 43B Serial Number : 43B-48364-280
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 2 - common stack for Unit Nos. 3 and 4.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : NOX
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 42D Serial Number : 42D-48741-281
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : FLOW
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : USI Model Number : Ultraflow 100 Serial Number : 9401635
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required by 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : CO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Siemens Model Number : Ultramat 5E Serial Number : E3-793
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required by 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : NOX
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 42D Serial Number : 42D-48738-281
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 2 - common stack for Unit Nos. 3 and 4.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : FLOW
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : USI Model Number : Ultraflow 100 Serial Number : 9401586
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 2 - common stack for Unit Nos. 3 and 4.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : CO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Siemens Model Number : Ultramat 5E Serial Number : E3-761
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 2 - common stack for Unit Nos. 3 and 4.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : NOX
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 42D Serial Number : 42D-48738-281
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 2 - common stack for Unit Nos. 3 and 4.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : FLOW
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : USI Model Number : Ultraflow 100 Serial Number : 9401586
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 2 - common stack for Unit Nos. 3 and 4.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : CO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Siemens Model Number : Ultramat 5E Serial Number : E3-761
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 2 - common stack for Unit Nos. 3 and 4.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : VE
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 400 Serial Number : 400B-48885-B70/
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. COMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : SO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 43B Serial Number : 43B-48334-280
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : NOX
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 42D Serial Number : 42D-48741-281
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : FLOW
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : USI Model Number : Ultraflow 100 Serial Number : 9401635
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required by 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : CO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Siemens Model Number : Ultramat 5E Serial Number : E3-793
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required by 40 CFR Part 75. CEMS installed on Stack No. 1 - common stack for Unit Nos. 1, 2, and 5.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : VE
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 400 Serial Number : 400B-40171-B55/
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : SO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 43B Serial Number : 43B-48337-280
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : NOX
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Thermo Environmental Corporation Model Number : 42D Serial Number : 42D-48742-281
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : FLOW
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : USI Model Number : Ultraflow 100 Serial Number : 9401633
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

G. CONTINUOUS MONITOR INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : CO2
2. CMS Requirement : RULE CMS Requirement Code :
3. Monitor Information : Manufacturer : Siemens Model Number : Ultramat 5E Serial Number : E3-761
4. Installation Date : 15-Aug-1994
5. Performance Specification Test Date : 26-Oct-1994
6. Continuous Monitor Comment : Required per 40 CFR Part 75.
Performance Specification Test Status :
Certification Date (DD-MON-YYYY) :

Emissions Unit Information Section _____

Continuous Monitor Information Section _____

Monitor Pollutants :

Emissions Unit Information Section _____

Continuous Monitor Information Section _____

Monitor Pollutants :

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

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.

[ ] 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.

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. Increment Consuming/Expanding Code :

PM :	U
SO2 :	U
NO2 :	U

4. Baseline Emissions :

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

5. PSD Comment :

Emission unit is part of baseline PSD emission inventory.

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

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.

[ ] 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.

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. Increment Consuming/Expanding Code :

PM :	U
SO2 :	U
NO2 :	U

4. Baseline Emissions :

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

5. PSD Comment :

Emission unit is part of baseline PSD emission inventory.

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

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.

[ ] 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.

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. Increment Consuming/Expanding Code :

PM :	U
SO2 :	U
NO2 :	U

4. Baseline Emissions :

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

5. PSD Comment :

Emission unit is part of baseline PSD emission inventory.

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

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.

[ ] 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.

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. Increment Consuming/Expanding Code :

PM :	U
SO2 :	U
NO2 :	U

4. Baseline Emissions :

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

5. PSD Comment :

Emission unit is part of baseline PSD emission inventory.

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

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.

[ ] 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.

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. Increment Consuming/Expanding Code :

PM :	U
SO2 :	U
NO2 :	U

4. Baseline Emissions :

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

5. PSD Comment :

Emission unit is part of baseline PSD emission inventory.

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

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.

[ ] 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.

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. Increment Consuming/Expanding Code :

PM :	U
SO2 :	U
NO2 :	U

4. Baseline Emissions :

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

5. PSD Comment :

Emission unit is part of baseline PSD emission inventory.

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 1

Unit No. 1; Residual Fuel Oil-Fired Steam Generator

Supplemental Requirements for All Applications

1. Process Flow Diagram :	II.D.3
2. Fuel Analysis or Specification :	III.I.2
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	III.I.4
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	III.I.6
7. Operation and Maintenance Plan :	III.I.7
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statute :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA
12. Enhanced Monitoring Plan :	III.I.12

13. Identification of Additional Applicable Requirements :	Appendix A

14. Acid Rain Application (Hard-copy Required) :	
Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) :	NA
Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) :	NA
New Unit Exemption (Form No. 62-210.900(1)(a)2.) :	NA
Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) :	NA

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 2

Unit No. 2; Residual Fuel Oil-Fired Steam Generator

Supplemental Requirements for All Applications

1. Process Flow Diagram :	II.D.3
2. Fuel Analysis or Specification :	III.I.2
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	III.I.4
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	III.I.6
7. Operation and Maintenance Plan :	III.I.7
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statute :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA
12. Enhanced Monitoring Plan :	III.I.12

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

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 3

Unit No. 3; Residual Fuel Oil-Fired Steam Generator

Supplemental Requirements for All Applications

1. Process Flow Diagram :	II.D.3
2. Fuel Analysis or Specification :	III.I.2
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	III.I.4
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	III.I.6
7. Operation and Maintenance Plan :	III.I.7
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statute :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA
12. Enhanced Monitoring Plan :	III.I.12

13. Identification of Additional Applicable Requirements :	Appendix A

14. Acid Rain Application (Hard-copy Required) :	
Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) :	NA
Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) :	NA
New Unit Exemption (Form No. 62-210.900(1)(a)2.) :	NA
Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) :	NA

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Supplemental Requirements for All Applications

1. Process Flow Diagram :	II.D.3
2. Fuel Analysis or Specification :	III.I.2
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	III.I.4
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	III.I.6
7. Operation and Maintenance Plan :	III.I.7
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statute :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA
12. Enhanced Monitoring Plan :	III.I.12

13. Identification of Additional Applicable Requirements :	Appendix A

14. Acid Rain Application (Hard-copy Required) :	
Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) :	NA
Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) :	NA
New Unit Exemption (Form No. 62-210.900(1)(a)2.) :	NA
Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) :	NA

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 5

Unit No. 5; Residual Fuel Oil-Fired Steam Generator

Supplemental Requirements for All Applications

1. Process Flow Diagram :	II.D.3
2. Fuel Analysis or Specification :	III.I.2
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	III.I.4
5. Compliance Test Report :	
6. Procedures for Startup and Shutdown :	III.I.6
7. Operation and Maintenance Plan :	III.I.7
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statute :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA
12. Enhanced Monitoring Plan :	III.I.12

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

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 6

Unit No. 6; Residual Fuel Oil-Fired Steam Generator

Supplemental Requirements for All Applications

1. Process Flow Diagram :	II.D.3
2. Fuel Analysis or Specification :	III.I.2
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	III.I.4
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	III.I.6
7. Operation and Maintenance Plan :	III.I.7
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statute :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA
12. Enhanced Monitoring Plan :	III.I.12

13. Identification of Additional Applicable Requirements :	Appendix A
14. Acid Rain Application (Hard-copy Required) :	
Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) :	NA
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

PRECAUTIONS TO PREVENT EMISSIONS OF UNCONFINED PARTICULATE MATTER

Unconfined particulate matter emissions that may result from operations include:

- Vehicular traffic on paved and unpaved roads.
- Wind-blown dust from yard areas.
- Periodic abrasive blasting.

The following techniques will be used to prevent unconfined particulate matter emissions on an as needed basis:

- Chemical or water application to:
  - Unpaved roads
  - Unpaved yard areas
- Paving and maintenance of roads, parking areas and yards.
- Landscaping or planting of vegetation.
- Confining abrasive blasting where possible.
- Other techniques, as necessary

D_1104.WP6

Hooker's Point Station
Operation & Maintenance Plan
Emission Unit 1

A. Process System Performance Parameters:

1) Source Designator: Hooker's Point Unit #1
2) Design Fuel Consumption Rate: 43 barrels per hour
3) Steam Flow: 220,000 pounds per hour
4) Operating Temperature: 900° F.
5) Operating Pressure: 960 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

Daily

Check visible emissions.
Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

D_11117.WP6

Hooker's Point Station
Operation & Maintenance Plan
Emission Unit 2

A. Process System Performance Parameters:

1) Source Designator: Hooker's Point Unit #2
2) Design Fuel Consumption Rate: 43 barrels per hour
3) Steam Flow: 220,000 pounds per hour
4) Operating Temperature: 900° F.
5) Operating Pressure: 960 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

Daily

Check visible emissions.
Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

Hooker's Point Station
Operation & Maintenance Plan
Emission Unit 3

A. Process System Performance Parameters:

1) Source Designator: Hooker's Point Unit #3
2) Design Fuel Consumption Rate: 59.4 barrels per hour
3) Steam Flow: 303,000 pounds per hour
4) Operating Temperature: 900° F.
5) Operating Pressure: 960 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

Daily

Check visible emissions.
Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

Hooker's Point Station
Operation & Maintenance Plan
Emission Unit 4

A. Process System Performance Parameters:

1) Source Designator: Hooker's Point Unit #4
2) Design Fuel Consumption Rate: 59.4 barrels per hour
3) Steam Flow: 303,000 pounds per hour
4) Operating Temperature: 900° F.
5) Operating Pressure: 960 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

Daily

Check visible emissions.
Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

Hooker's Point Station
Operation & Maintenance Plan
Emission Unit 5

A. Process System Performance Parameters:

1) Source Designator: Hooker's Point Unit #5
2) Design Fuel Consumption Rate: 86.2 barrels per hour
3) Steam Flow: 440,000 pounds per hour
4) Operating Temperature: 900° F.
5) Operating Pressure: 975 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

Daily

Check visible emissions.
Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

Hooker's Point Station
Operation & Maintenance Plan
Emission Unit 6

A. Process System Performance Parameters:

1) Source Designator: Hooker's Point Unit #6
2) Design Fuel Consumption Rate: 126 barrels per hour
3) Steam Flow: 625,000 pounds per hour
4) Operating Temperature: 950° F.
5) Operating Pressure: 1450 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

Daily

Check visible emissions.
Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

PROCEDURES FOR STARTUP AND SHUTDOWN
UNITS 1, 4, & 5

A. STARTUP

1. Boilers are purged to expel all combustible gases.

2. Ignitors are placed in service to establish an oil fire.

3. Once the combustion air entering the air preheater reaches 250°F., a steam atomizing #6 oil burner is placed in service.

4. At 450°F., mechanical # oil burners are placed in service, and the boiler is brought up to running temperature and pressure.

5. Excess emissions during startup are minimized by the following activities:

   - Opacity is continuously monitored.
   - Ignitor burner tips are cleaned, checked and replaced as needed before being placed in service.
   - An adequate supply of combustion air is maintained for each boiler.
   - Combustion air is manually and continuously controlled to maintain even combustion.

B. SHUTDOWN

1. After the decision for boiler shutdown is made, load and steam header pressure are reduced.

2. Air flow, dampers, etc., are manually adjusted.

3. Steam turbine is "punched out" when fuel to boilers are out of service and load and steam header pressure are approximately 0 MW and 750 lbs., respectively.

4. Exhaust fans are taken out of service after a second purge has been completed.

5. Excess emissions during shutdown are minimized by the following activities:

   - Opacity is continuously monitored.
   - Air flow, dampers, etc., are manually adjusted.

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PROCEDURES FOR STARTUP AND SHUTDOWN
UNITS 2, 3, & 6

A. STARTUP

1. Boilers are purged to expel all combustible gases.

2. Boilers are placed in service to establish an oil fire.

3. At 450°F., mechanical # oil burners are placed in service, and the boiler is brought up to running temperature and pressure.

4. Excess emissions during startup are minimized by the following activities:

   - Opacity is continuously monitored.
   - Ignitor burner tips are cleaned, checked and replaced as needed before being placed in service.
   - An adequate supply of combustion air is maintained for each boiler.
   - Combustion air is manually and continuously controlled to maintain even combustion.

B. SHUTDOWN

1. After the decision for boiler shutdown is made, load and steam header pressure are reduced.

2. Air flow, dampers, etc., are manually adjusted.

3. Steam turbine is "punched out" when fuel to boilers are out of service and load and steam header pressure are approximately 0 MW and 750 lbs., respectively.

4. Exhaust fans are taken out of service after a second purge has been completed.

5. Excess emissions during shutdown are minimized by the following activities:

   - Opacity is continuously monitored.
   - Air flow, dampers, etc., are manually adjusted.

Proposed List of Exempt Emissions Units and/or Activities.

Source Unit Type	Status	Basis
Brazing, soldering and welding	Exempt	62-210.300(3)(a)16., F.A.C.
Parts cleaning and degreasing stations	Insignificant	All cleaning conducted at work stations with lids closed when not in use.
Emergency generators which are not subject to the Acid Rain Program and have total fuel consumption, in the aggregate, of 32,000 gallons per year or less of diesel fuel, 4,000 gallons per year or less of gasoline, and 4.4 million cubic feet per year or less of natural gas or propane, or an equivalent prorated amount if multiple fuels are used.	Exempt	62-210.300(3)(a)20., F.A.C.
Heating units and general purpose internal combustion engines which are not subject to the Acid Rain Program and have total fuel consumption, in the aggregate, of 32,000 gallons per year or less of diesel fuel, 4,000 gallons per year or less of gasoline, and 4.4 million cubic feet per year or less of natural gas or propane, or an equivalent prorated amount if multiple fuels are used.	Exempt	62-210.300(3)(a)21., F.A.C.
Organic storage tanks	Exempt	Prior consensus with FDEP: Item 40, Title V Insignificant Source Summary for Electric Power Plants
Inorganic substance storage tanks	Exempt	Prior consensus with FDEP: Item 41, Title V Insignificant Source Summary for Sugar Cane Growers
No. 2 and No. 6 fuel oil barge and truck unloading equipment	Exempt	Handling of low volatility fuel oils.
No. 2 and No. 6 fuel oil storage tanks	Exempt	Low volatility materials.
Laboratory equipment used exclusively for chemical or physical analyses	Exempt	62-210.300(3)(a)15.,F.A.C.
Fire and safety equipment	Exempt	62-210.300(3)(a)22.,F.A.C.
Turbine vapor extractor	Exempt	Prior consensus with FDEP: Item 31,

List of Proposed Exempt Activities (Page 2 of 2)

Source Unit Type	Status	Basis
		Title V Insignificant Source Summary for Electric Power Plants
Architectural (equipment) maintenance painting	Exempt	Intermittent maintenance painting of equipment.
Sand blasting and abrasive grit blasting where temporary total enclosures are used to contain particulates	Exempt	Prior consensus with FDEP: Item 39, Title V Insignificant Source Summary for Electric Power Plants
Equipment used for steam cleaning	Exempt	62-210.300(3)(a)10.,F.A.C.
Vacuum pumps in laboratory operations	Exempt	62-210.300(3)(a)9.,F.A.C.
Equipment used exclusively for space heating, other than boilers	Exempt	62-210.300(3)(a)12.,F.A.C.
Surface coating operations utilizing 6.0 gallons per day or less, averaged monthly, of coatings containing greater than 5.0 percent VOCs, by volume.	Exempt	62-210.300(3)(a)23.,F.A.C.
Surface coating operations utilizing only coatings containing 5.0 percent or less VOCs, by volume.	Exempt	62-210.300(3)(a)24.,F.A.C.
Degreasing units using heavier-than-air vapors exclusively, except any unit using or emitting any substance classified as a hazardous air pollutant	Exempt	62-210.300(3)(a)26.,F.A.C.

Note: Although emission rates have not been quantified for all of the activities listed above, professional judgement indicates that each listed source unit type will meet the following criteria:

- Are not subject to any unit specific applicable requirements; i.e., listed source unit types are only subject to general facility-wide applicable requirements;
- Potential emissions are expected to be less than 500 pounds per year of lead and lead compounds;
- Potential emissions are expected to be less than 1,000 pounds per year of any hazardous air pollutant;
- Potential emissions are expected to be less than 2,500 pounds per year of total hazardous air pollutants; and
- Potential emissions are expected to be less than 5 tons per year of any other regulated pollutant.

Source: ECT, 1996.

TECO Hookers Point

Table A-1. Summary of Federal EPA Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 10)

Regulation	Citation	Not Applicable	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
40 CFR Part 60 - Standards of Performance for New Stationary Sources: Subparts A, B, C, Cb, Cc, Cd, D, Da, Db, Dc, E, Eb, F, G, H, I, J, K, Ka, Kb, L, M, N, Na, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AAa, BB, CC, DD, EE, GG, HH, KK, LL, MM, NN, PP, QQ, RR, SS, TT, UU, VV, WW, XX, AAA, BBB, DDD, FFF, GGG, HHH, III, JJJ, KKK, LLL, NNN, OOO, PPP, QQQ, RRR, SSS, TTT, UUU, VVV, and WWW		X		None of the listed NSPS' contain requirements which are applicable to the Hookers Point Station. In particular, Subparts K, Ka, and Kb are not applicable because all storage tanks containing petroleum liquids greater than 40,000 gallons capacity located at the Hookers Point Station were constructed prior to June 11, 1973 and therefore are not subject to Subparts K, Ka, or Kb. Subparts D, Da, Db, and Dc are not applicable because the steam boilers were constructed prior to August 17, 1971. OK
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants				
Subpart A - General Provisions				
Prohibited Activities	§61.05		Facility-wide	Prohibits construction or modification without first obtaining written approval, operating a new source in violation of any standard after the effective date of the standard, operating an existing source in violation of a standard ninety days after the effective date of the standard, and failure to submit required source test results.
Source Reporting	§61.10		Facility-wide	Requires submittal of source information.
Compliance with Standards and Maintenance Requirements Emission Tests	§61.12 61.13 ?		Facility-wide	Establishes emission test procedures, requires proper operation and maintenance of the source including control equipment. OK
Monitoring Requirements	§61.14		Facility-wide	General monitoring requirements.
Circumvention	§61.19		Facility-wide	Emissions which would constitute a violation of a standard cannot be concealed.
Subpart M - National Emission Standards for Asbestos				
Demolition and Renovation	§61.145		Facility-wide	Standards for demolition and renovation. OK
Waste Disposal for Manufacturing,	§61.150		Facility-wide	Standards for waste disposal.

Table A-1. Summary of Federal EPA Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 10)

Regulation	Citation	Not Applicable	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
Fabricating, Demolition, Renovation, and Spraying Operations				
Reporting	§61.153		Facility-wide	Specific reporting requirements.
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants: Subparts A, B, C, D, E, F, H, I, J, K, L, N, O, P, Q, R, T, V, W, Y, BB, and FF		X		None of the listed NESHAPS' contain requirements which are applicable to the Hookers Point Station.
40 CFR Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories: Subparts A, B, C, D, E, F, G, H, I, L, M, N, O, Q, R, T, W, X, Y, CC, EE, GG, II, and JJ		X		None of the listed NESHAPS' contain requirements which are applicable to the Hookers Point Station. In particular, Subpart Q is not applicable because cooling towers operated with chromium-based water treatment chemicals are not utilized. Subpart T is not applicable because cleaning units using halogenated HAP solvents are not used.
40 CFR Part 72 - Acid Rain Program Permits				
Subpart A - Acid Rain Program General Provisions				
Standard Requirements	§72.9		CS-001 through CS-006	General Acid Rain Program requirements. SO_2 allowance program requirements start January 1, 1995.
Subpart B - Designated Representative				
Designated Representative	§72.20 - §72.25		CS-001 through CS-006	General requirements pertaining to the Designated Representative.
Subpart C - Acid Rain Application				
Requirements to Apply	§72.30(a)		CS-001 through CS-006	Requirement to submit a complete Acid Rain permit application by the applicable deadline.
Requirements to Apply	§72.30(b)(1)(I)		CS-001 through CS-006	Deadline to submit a complete Acid Rain permit application was February 15, 1993. **(historical)**

Table A-1. Summary of Federal EPA Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 10)

Regulation	Citation	Not Applicable	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
Requirements to Apply	§72.30(c)		CS-001 through CS-006	Requirement to submit a complete Acid Rain permit application for each source with an affected unit at least 6 months prior to the expiration of an existing Acid Rain permit governing the unit during Phase II or such longer time as may be approved under part 70 of this chapter that ensures that the term of the existing permit will not expire before the effective date of the permit for which the application is submitted.
Requirements to Apply	§72.30(d)		CS-001 through CS-006	Requirement to submit an original and three copies of all permit applications, to EPA. **(historical)**
Information Requirements for Acid Rain Permit Applications	§72.31		CS-001 through CS-006	General permit application requirements.
Subpart D - Acid Rain Compliance Plan and Compliance Options				
General	§72.40		CS-001 through CS-006	General compliance plan requirements.
Subpart E - Acid Rain Permit Contents				
Permit Shield	§72.51		CS-001 through CS-006	Units operating in compliance with an Acid Rain Permit are deemed to be operating in compliance with the Acid Rain Program.
Subpart I - Compliance Certification				
Annual Compliance Certification Report	§72.90		CS-001 through CS-006	Requirement to submit an annual compliance report.
40 CFR Part 75 - Continuous Emission Monitoring				
Subpart A - General				
Compliance Dates	§75.4(a)(1)		CS-001 through CS-006	Requirement to complete all certification tests for CEMS and COMS by 11/51/93. **(historical)**

Table A-1. Summary of Federal EPA Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 10)

Regulation	Citation	Not Applicable	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
Prohibitions	§75.5		CS-001 through CS-006	General monitoring prohibitions.
Subpart B - Monitoring Provisions				
General Operating Requirements	§75.10		CS-001 through CS-006	General monitoring requirements.
Specific Provisions for Monitoring SO_2 Emissions	§75.11(d)(1)		CS-001 through CS-006	SO_2 continuous monitoring requirements for oil-fired units.
Specific Provisions for Monitoring NO_x Emissions	§75.12(a) and (b)		CS-001 through CS-006	NO_x continuous monitoring requirements for oil-fired units.
Specific Provisions for Monitoring CO_2 Emissions	§75.13(a)		CS-001 through CS-006	CO_2 continuous monitoring requirements.
Specific Provisions for Monitoring Opacity	§75.14(a)		CS-001 through CS-006	Opacity continuous monitoring requirements for oil-fired units.
Subpart C - Operation and Maintenance Requirements				
Certification and Recertification Procedures	§75.20(a)		CS-001 through CS-006	Requires that monitoring systems meet initial certification requirements by the deadlines stipulated by §75.4. **(historical)**
Certification and Recertification Procedures	§75.20(a)(1)		CS-001 through CS-006	Requires notification of certification test or retest dates at least 45 days prior to certification testing.
Certification and Recertification Procedures	§75.20(a)(2)		CS-001 through CS-006	Requires submittal of certification application in accordance with §75.60.
Certification and Recertification Procedures	§75.20(a)(5)		CS-001 through CS-006	Procedures to be used in the event of agency issues a disapproval of certification application or certification status.
Certification and Recertification Procedures	§75.20(c)(1) - (7), (9)		CS-001 through CS-006	Certification procedure requirements.

Table A-1. Summary of Federal EPA Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 10)

Regulation	Citation	Not Applicable	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
Quality Assurance and Quality Control Requirements	§75.21		CS-001 through CS-006	General QA/QC requirements.
Subpart C - Operation and Maintenance Requirements				
Reference Test Methods	§75.22		CS-001 through CS-006	Specifies required test methods to be used for certification or recertification testing.
Out-Of-Control Periods	§75.24		CS-001 through CS-006	Specifies out-of-control periods and required actions to be taken when out-of-control periods occur.
Subpart D - Missing Data Substitution Procedures				
General Provisions	§75.30		CS-001 through CS-006	General missing data requirements.
Initial Missing Data Procedures	§75.31		CS-001 through CS-006	Missing data procedure requirements during the first 720 and 2,160 quality-assured monitor operating hours for SO_2 pollutant concentration monitor and flow monitor/NO_x CEMS, respectively. **(historical)**
Determination of Monitor Data Availability for Standard Missing Data Procedures	§75.32		CS-001 through CS-006	Monitor data availability procedure requirements after the first 720 and 2,160 quality-assured monitor operating hours for SO_2 pollutant concentration monitor and flow monitor/NO_x CEMS, respectively.
Standard Missing Data Procedures	§75.33		CS-001 through CS-006	Missing data substitution procedure requirements after the first 720 and 2,160 quality-assured monitor operating hours for SO_2 pollutant concentration monitor and flow monitor/NO_x CEMS, respectively.
Initial Missing Data Procedures	§75.34(a),(b),(d)	X	CS-001 through CS-006	Optional missing data substitution requirements for units with add-on emission controls.
Subpart D - Missing Data Substitution Procedures				
Missing Data Procedures for CO_2	§75.35a) and (c)		CS-001 through	Missing data substitution requirements for CO_2 data.

Table A-1. Summary of Federal EPA Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 10)

Regulation	Citation	Not Applicable	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
Data			CS-006	
Missing Data Procedures for Heat Input Data	§75.36(a) and (c)		CS-001 through CS-006	Missing data substitution requirements for CO_2 data.
Subpart E - Alternative Monitoring Systems				
Alternative Monitoring Systems	§75.40 - 75.48		CS-001 through CS-006	Optional requirements for alternative monitoring systems.
Subpart F - Recordkeeping Requirements				
General Recordkeeping Provisions	§75.50		CS-001 through CS-006	General recordkeeping requirements.
General Recordkeeping Provisions for Specific Situations	§75.51(b)		CS-001 through CS-006	Recordkeeping requirements for units with add-on controls that choose to use parametric monitoring procedures for missing data substitution pursuant to §75.34
Certification, Quality Assurance, and Quality Control Record Provisions	§75.52		CS-001 through CS-006	General QA/QC recordkeeping requirements.
Monitoring Plan	§75.53(a) - (c)		CS-001 through CS-006	Requirement to prepare and maintain a Monitoring Plan.
General Recordkeeping Provisions	§75.54		CS-001 through CS-006	General recordkeeping requirements.
Subpart G - Reporting Requirements				
General Provisions	§75.60		CS-001 through CS-006	General reporting requirements.
Subpart G - Reporting Requirements				
Notification of Certification and Recertification Test Dates	§75.61		CS-001 through CS-006	Requires written submittal of certification tests, recertification tests, and revised test dates for CEMS. Notice

Table A-1. Summary of Federal EPA Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 10)

Regulation	Citation	Not Applicable	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
				of certification testing shall be submitted at least 45 days prior to the first day of certification or recertification testing. Notification of any proposed adjustment to certification testing dates must be provided at least 7 business days prior to the proposed date change.
Monitoring Plan	§75.62		CS-001 through CS-006	Monitoring Plan required to be submitted no later than 45 days prior to the certification test. **(historical)**
Subpart G - Reporting Requirements				
Certification or Recertification Application	§75.63		CS-001 through CS-006	Requires submittal of a certification application within 30 days after completing the certification test.
Quarterly Reports	§75.64(a)(1) - (5)		CS-001 through CS-006	Requirement to submit quarterly data report.
Quarterly Reports	§75.64(b), (c), (d)		CS-001 through CS-006	Requirement to submit compliance certification in support of each quarterly data report. Requirement to submit quarterly reports in an electronic format to be specified by EPA.
Opacity Reports	§75.65		CS-001 through CS-006	Requirement to reports of excess opacity emissions to the applicable State (FDEP) agency in the format specified by the State agency.
Petitions to the Administrator	§75.66		CS-001 through CS-006	Petition procedures for use of alternative monitoring.
40 CFR Part 77 - Excess Emissions				
Offset Plans for Excess Emissions of Sulfur Dioxide	§77.3		CS-001 through CS-006	Requirement to submit offset plans for excess SO_2 emissions not later than 60 days after the end of any calendar year during which an affected unit has excess SO_2 emissions. Required contents of offset plans are specified.
40 CFR Part 77 - Excess Emissions				
Deduction of Allowances to Offset	§77.5(b)		CS-001 through	Requirement for the Designated Representative to hold

Table A-1. Summary of Federal EPA Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 10)

Regulation	Citation	Not Applicable	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
Excess Emissions of Sulfur Dioxide			CS-006	enough allowances in the appropriate compliance subaccount to cover deductions to be made by EPA if a timely and complete offset plan is not submitted or if EPA disapproves a proposed offset plan.
Penalties for Excess Emissions of Sulfur Dioxide and Nitrogen Oxides	§77.6		CS-001 through CS-006	Requirement to pay a penalty if excess emissions of SO_2 or NO_x occur at any affected unit during any year.
40 CFR Part 78 - Appeal Procedures for Acid Rain Program				
Appeal Procedures	§78.1 - 78.20		CS-001 through CS-006	Optional appeal procedures for EPA Acid Rain program decisions.
40 CFR Part 82 - Protection of Stratospheric Ozone				
Production and Consumption Controls	Subpart A	X		Hookers Point Station does not produce or consume ozone depleting substances.
Servicing of Motor Vehicle Air Conditioners	Subpart B	X		Hookers Point Station does not perform servicing of motor vehicles which involves refrigerant in the motor vehicle air conditioner. All such servicing is conducted off-site by persons who comply with Subpart B requirements.
Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	Subpart C	X		Hookers Point Station does not sell or distribute any banned nonessential substances.
The Labeling of Products Using Ozone-Depleting Substances	Subpart E	X		Hookers Point Station does not produce any products containing ozone depleting substances.
40 CFR Part 82 - Protection of Stratospheric Ozone				
Prohibitions	§82.154	X	Appliances as defined by §82.152 - any device which	Hookers Point Station personnel do not maintain, service, repair, or dispose of any appliances. All such activities are performed by independent parties in compliance with §82.154 prohibitions.

Table A-1. Summary of Federal EPA Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 10)

Regulation	Citation	Not Applicable	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
			contains and uses a Class I or II substance as a refrigerant and which is used for household or commercial purposes, including any air conditioner, refrigerator, chiller, or freezer	
Required Practices	§82.156	X	Same as above	Hookers Point Station personnel do not maintain, service, repair, or dispose of any appliances. All such activities are performed by independent parties in compliance with §82.156 required practices.
Technician Certification	§82.161	X	Same as above	Hookers Point Station personnel do not maintain, service, repair, or dispose of any appliances and therefore are not subject to technician certification requirements.
Certification By Owners of Recovery and Recycling Equipment	§82.162	X	Same as above	Hookers Point Station personnel do not maintain, service, repair, or dispose of any appliances and therefore do not use recovery and recycling equipment.
Subpart F - Recycling and Emissions Reduction				
Reporting and Recordkeeping Requirements	§82.166(k)		Appliances as defined by §82.152	Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep servicing records documenting the date and type of service, as well as the quantity of refrigerant added.
40 CFR Part 50 - National Primary and Secondary Ambient Air Quality Standards		X		State agency requirements - not applicable to individual emission sources.

Table A-1. Summary of Federal EPA Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 10)

Regulation	Citation	Not Applicable	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
40 CFR Part 51 - Requirements for Preparation, Adoption, and Submittal of Implementation Plans		X		State agency requirements - not applicable to individual emission sources.
40 CFR Part 52 - Approval and Promulgation of Implementation Plans		X		State agency requirements - not applicable to individual emission sources.
40 CFR Part 62 - Approval and Promulgation of State Plans for Designated Facilities and Pollutants		X		State agency requirements - not applicable to individual emission sources.
40 CFR Part 70 - State Operating Permit Programs		X		State agency requirements - not applicable to individual emission sources.
40 CFR Parts 53, 54, 55, 56, 57, 58, 62, 66, 67, 68, 69, 71, 73, 74, 76, 79, 80, 81, 85, 86, 87, 88, 89, 90, and 93		X		The listed regulations do not contain any requirements which are applicable to the Hookers Point Station.

Source: ECT, 1996.

Table A-2. Summary of FDEP Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 12)

Regulation	Citation	Not Applicable	Applicable: Facility-Wide	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
Chapter 62-4, F.A.C. - Permits: Part I General					
Scope of Part I	62-4.011, F.A.C.	X			Contains no applicable requirements.
Definitions	62-4.020, .021, F.A.C.	X			Contains no applicable requirements.
General Prohibition	62-4.030, F.A.C		X		All stationary air pollution sources must be permitted, unless otherwise exempted.
Exemptions	62-4.040, F.A.C		X		Certain structural changes exempt from permitting. Other stationary sources exempt from permitting upon FDEP insignificance determination.
Procedure to Obtain Permits; Application	62-4.050(1), (2), (3), and (4).2.a, F.A.C. 5, 6, 7 ?		X		All permit applications must be submitted on FDEP forms, in quadruplicate, and signed by a Professional Engineer. No application fee is required.
Permit Processing	62-4.055, F.A.C	X			Contains no applicable requirements.
Consultation	62-4.060, F.A.C.	X			Consultation is encouraged, not required.
Standards for Issuing or Denying Permits; Issuance; Denial	62-4.070, F.A.C	X			Establishes standard procedures for FDEP. Requirement is not applicable to the facility.
Modification of Permit Conditions	62-4.080, F.A.C	X			Application is for initial Title V operating permit. A Title V permit condition modification is not requested.
Renewals	62-4.090, F.A.C.		X		Establishes permit renewal criteria. Additional criteria are cited at 62-213.-430(3), F.A.C.
Suspension and Revocation	62-4.100, F.A.C.		X		Establishes permit suspension and revocation criteria.
Financial Responsibility	62-4.110, F.A.C.		X		Proof of financial responsibility may be required.

Table A-2. Summary of FDEP Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 12)

Regulation	Citation	Not Applicable	Applicable: Facility-Wide	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
Transfer of Permits	62-4.120, F.A.C.	X			Application is for initial Title V operating permit. A sale or legal transfer of a permitted facility is not included in this application.
Plant Operation - Problems	62-4.130, F.A.C.		X		Immediate notification is required whenever the permittee is temporarily unable to comply with any permit condition. Notification content is specified.
Permit Conditions	62-4.160, F.A.C.		X		Specifies general conditions that must be included in all permits.
Construction Permits	62-4.210, F.A.C.	X			General requirements for construction permits
Operation Permits for New Sources	62-4.220, F.A.C.	X			General requirements for initial new source operation permits.
Chapter 62-103, F.A.C. - Rules of Administrative Procedure - Final Agency Action (Non-Rulemaking) and Appeal					
Public Notice of Application and Proposed Agency Action	62-103.150, F.A.C.		X		Applicant may be required to publish Notice of Application
Chapter 62-204, F.A.C. - State Implementation Plan					
State Implementation Plan Ambient Air quality std. protection	62-204.100, .200, .220(1)-(3), .240, .260, .320, .340, .360, .400, and .500, F.A.C.	X			Contains no applicable requirements.
State Implementation Plan	**62-204.800(8)(a), (b)8., F.A.C.**[1]		X		NESHAPS Subpart M; see Table A-1 for detailed federal regulatory citations.
State Implementation Plan	**62-204.800(12), (13), (14), (15), (16), and (17), F.A.C.**[1]			CS-001 through CS-006	Acid Rain Program; see Table A-1 for detailed federal regulatory citations.
State Implementation Plan	**62-204.800(19),**		X		Protection of Stratospheric Ozone; see

Table A-2. Summary of FDEP Regulatory Applicability and Corresponding Requirements for Hookers Point Station (Page 1 of 12)

Regulation	Citation	Not Applicable	Applicable: Facility-Wide	Applicable: Emission Units	Applicable Requirement or Non-Applicability Rationale
	F.A.C.[1]				Table A-1 for detailed federal regulatory citations.
Ambient Air Quality Protection	62-204.220(4), F.A.C.	X			Assessments of ambient air pollutant impacts must be made using applicable air quality models, data bases, and other requirements approved by FDEP and specified in 40 CFR Part 51, Appendix W. Air quality modeling is not required for Title V permit applications.
Chapter 62-210, F.A.C. - Stationary Sources - General Requirements					
Purpose and Scope	62-210.100, F.A.C.	X			Contains no applicable requirements.
Definitions	62-210.200, F.A.C.	X			Contains no applicable requirements.
Permits Required	62-210.300, F.A.C., except 62-210.300(1), F.A.C.		X		Air operation permit required, with the exception of certain facilities and sources. Startup notification required if a permitted source has been shut down for more than 1 year.
Air Construction Permits	62-210.300(1), F.A.C.	X			Application is for initial Title V operating permit. A construction permit is not requested in this application.
Public Notice and Comment					
Public Notice of Proposed Agency Action	62-210.350(1), F.A.C.		X		All permit applicants required to publish notice of proposed agency action.
Additional Notice Requirements for Sources Subject to Prevention of Significant Deterioration or Nonattainment Area New Source Review	62-210.350(2), F.A.C.	X			PSD and nonattainment area NSR application not included in this application package.
Additional Public Notice Requirements for Sources Subject to	62-210.350(3), F.A.C.		X		Notice requirements for Title V operating permit applicants.

n/A Facility E.U.

Additional Public Notice Requirements for Sources Subject to Operation Permits for Title V Sources	62-210.350(3), F.A.C.		X		Notice requirements for Title V operating permit applicants.
Public Notice and Hearing Requirements for State Implementation Plan Revisions	62-210.350(4), F.A.C.	X			Defines requirements applicable to FDEP, only.
Administrative Permit Corrections	62-210.360, F.A.C.	X			Application is for initial Title V operating permit. An administrative permit correction is not requested in this application.
Reports					
Notification of Intent to Relocate Air Pollutant Emitting Facility	62-210.370(1), F.A.C.	X			Facility does not have any relocatable emission units.
Annual Operating Report for Air Pollutant Emitting Facility	62-210.370(2), F.A.C. 3		X		Specifies annual reporting requirements
Stack Height Policy	62-210.550, F.A.C.		X		Stack heights must represent Good Engineering Practice.
Circumvention	62-210.650, F.A.C.	X			There are no air pollution control devices located at the Dinner Lake Station.
Excess Emissions	62-210.700, F.A.C.		X		Excess emissions due to startup, shut down, and malfunction are limited. Excess emissions due to malfunction must be reported. Excess emissions due to certain other causes are prohibited.
Forms and Instructions	62-210.900, F.A.C.		X		Contains AOR requirements.
Notification Forms for Air General Permits	62-210.920, F.A.C.	X			Contains no applicable requirements.
Chapter 62-212, F.A.C. - Stationary Sources - Preconstruction Review					
Purpose and Scope	62-212.100, F.A.C.	X			Contains no applicable requirements.
General Preconstruction Review Requirements	62-212.300, F.A.C.	X			Air construction permit requirements, not applicable to Title V operating permit applications.

n/A Facility E.U.

Prevention of Significant Deterioration	62-212.400, F.A.C.	X			PSD permit required prior to construction of facility, not applicable to Title V operating permit applications.
New Source Review for Nonattainment Areas	62-212.500, F.A.C.	X			Facility not located in any nonattainment area or nonattainment area of influence.
Sulfur Storage and Handling Facilities	62-212.600, F.A.C.	X			Applicable only to sulfur storage and handling facilities.
Chapter 62-213, F.A.C. - Operation Permits for Major Sources of Air Pollution					
Purpose and Scope	62-213.100, F.A.C.	X			Contains no applicable requirements.
Annual Licensing Fee	62-213.205(1) and (4), F.A.C.		X		Operating license fee and documentation requirements.
Annual Licensing Fee	62-213.205(2), (3), and (5), F.A.C.	X			Contains no applicable requirements.
Title V Air General Permits	62-213.300, F.A.C.	X			No eligible facilities
Permits and Permit Revisions Required	62-213.400, F.A.C.		X		Title V operation permit required.
Changes Without Permit Revision	62-213.410, F.A.C.		X		Certain changes may be made if specific notice and recordkeeping requirements are met.
Immediate Implementation Pending Revision Process	62-213.412, F.A.C.		X		Certain modifications can be implemented pending permit revision if specific criteria are met.
Fast-Track Revisions of Acid Rain Parts	62-213.413, F.A.C.		X		Optional provisions for Acid Rain permit revisions.
Trading of Emissions within a Source	62-213.415, F.A.C.	X			Applies only to facilities with a federally enforceable emissions cap.
Permit Applications	62-213.420, F.A.C.		X		Title V operating permit application required.
Permit Issuance, Renewal, and Revision					
Action on Application	62-213.430(1), F.A.C.	X			Contains no applicable requirements.

Permit Denial	62-213.430(2), F.A.C.	X			Contains no applicable requirements.
Permit Renewal and Expiration	62-213.430(3), F.A.C.		X		Defines permit renewal application contents.
Permit Revision	62-213.430(4), F.A.C.		X		Defines permit revision application contents.
EPA Recommended Actions	62-213.430(5), F.A.C.	X			Contains no applicable requirements.
Permit Content	62-213.440, F.A.C.		X		Defines permit content.
Permit Review by EPA and Affected States	62-213.450, F.A.C.	X			Contains no applicable requirements.
Permit Shield	62-213.460, F.A.C.		X		Provides permit shield for facilities in compliance with permit terms and conditions.
Forms and Instructions	62-213.900, F.A.C.		X		Contains fee form requirements.
Chapter 62-214—Requirements for Sources Subject to the Federal Acid Rain Program					
Purpose and Scope	§62-214.100, F.A.C.	X			Contains no applicable requirements.
Applicability	§62-214.300, F.A.C.		X		Facility includes Acid Rain units, therefore facility compliance with §62-213 and §62-214, F.A.C., is required.
Applications	§62-214.320, F.A.C.			CS-001 through CS-006	An Acid Rain Part application for each Acid Rain unit must be included in the Title V operating permit application.
Acid Rain Compliance Plan and Compliance Options	§62-214.330, F.A.C.			CS-001 through CS-006	A complete Acid Rain compliance plan for each Acid Rain unit must be included in the Acid Rain Part application.
Exemptions	§62-214.340, F.A.C.			CS-001 through CS-006	An application may submitted for certain exemptions.
Certification	§62-214.350, F.A.C.			CS-001 through CS-006	The designated representative must certify all Acid Rain submissions.

n/A FAC. E.U.

Department Action on Applications	§62-214.360, F.A.C.	X			Contains no applicable requirements.
Revisions and Administrative Corrections	§62-214.370, F.A.C.			CS-001 through CS-006	Defines revision procedures and automatic amendments.
Acid Rain Part Content	§62-214.420, F.A.C.			CS-001 through CS-006	Defines the contents of any draft, proposed, or final Acid Rain Part.
Implementation and Termination of Compliance Options	§62-214.430, F.A.C.			CS-001 through CS-006	Defines permit activation and termination procedures.
Chapter 62-252 - Gasoline Vapor Control	62-252, F.A.C.	X			Facility has a gasoline throughput of less than 20,000 gal/month.
Chapter 62-256 - Open Burning and Frost Protection Fires					
Declaration and Intent	62-256.100, F.A.C.	X			Contains no applicable requirements.
Definitions	62-256.200, F.A.C.	X			Contains no applicable requirements.
Prohibitions	**62-256.300, F.A.C.[1]**		X		Prohibits open burning.
Burning for Cold and Frost Protection	62-256.450, F.A.C.	X			Limited to agricultural protection.
Land Clearing	**62-256.500, F.A.C.[1]**		X		Defines allowed open burning for non-rural land clearing and structure demolition.
Industrial, Commercial, Municipal, and Research Open Burning	62-256.600, F.A.C.		X		Prohibits industrial open burning.
Open Burning allowed	62-256.700, F.A.C.	X			Contains no applicable requirements.
Effective Date	62-256.800, F.A.C.	X			Contains no applicable requirements.
Chapter 62-257 - Asbestos Fee	**62-257, F.A.C.[1]**		X		Requires notice and payment of fee for asbestos removal projects.
Chapter 62-281 - Motor Vehicle Air Conditioning Refrigerant Recovery and Recycling	62-281, F.A.C.	X			Facility does not install or service motor vehicle air conditioners and does not perform vehicle maintenance that may release refrigerants.
Chapter 62-296 - Stationary Source - Emission Standards					

Purpose and Scope	62-296.100, F.A.C.	X			Contains no applicable requirements
General Pollutant Emission Limiting Standard, Volatile Organic Compounds Emissions	62-296.320(1), F.A.C.		X		Known and existing vapor control devices must be applied as required by the Department.
General Pollutant Emission Limiting Standard, Objectionable Odor Prohibited	62-296.320(2), F.A.C.		X		Objectionable odor release is not allowed.
General Pollutant Emission Limiting Standard, Industrial, Commercial, and Municipal Open Burning Prohibited	**62-296.320(3), F.A.C.[1]**		X		Open burning in connection with industrial, commercial, or municipal operations is prohibited.
General Particulate Emission Limiting Standard, Process Weight Table	62-296.320(4)(a), F.A.C.	X			Exempt per 62-320(4)(a)1a.
General Particulate Emission Limiting Standard, General Visible Emission Standard	62-296.320(4)(b), F.A.C.		X		Opacity limited to 20 percent, unless otherwise permitted.
General Particulate Emission Limiting Standard, Unconfined Emission of Particulate Matter	62-296.320(4)(c), F.A.C.		X		Reasonable precautions must be taken to prevent unconfined particulate matter emission.
Specific Emission Limiting and Performance Standards	§62-296.405(1)(a), (b), (c)1.d., (c)3., (e), F.A.C.			CS-001 through CS-006	(1) Visible Emissions - 20 percent opacity except for either one six-minute period per hour during which opacity shall not exceed 27 percent, or one two-minute period per hour during which opacity shall not exceed 40 percent. The option selected shall be specified in the source's construction and operation permits. (2) Particulate Matter - 0.1 lb/MMBtu (3) Sulfur Dioxide - 1.1 lb/MMBtu Specifies test methods and procedures
Specific Emission Limiting and Performance Standards	62-296.401 through 62-296.404 and 62-296.406 through 62-296.417,	X			No applicable unit at facility.

	F.A.C.				
Reasonably Available Control Technology (RACT) Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO_x) Emitting Facilities	62-296.500 through 62-296.516, F.A.C.	X			Facility does not include any regulated emission units.
Reasonably Available Control Technology (RACT) - Requirements for Major VOC- and NO_x-Emitting Facilities	62-296.570, F.A.C.	X			Facility is not located in a specified VOC nonattainment area or a specified VOC air quality maintenance area (Broward, Dade and Palm Beach Counties)
Reasonably Available Control Technology (RACT) - Lead	62-296.600 through 62-296.605, F.A.C.	X			Facility not located in a lead nonattainment area or a lead air quality maintenance area.
Reasonably Available Control Technology (RACT) - Particulate Matter	62-296.700, F.A.C.			CS-001 through CS-006	Requires compliance with specific, applicable emission limiting standards.
Reasonably Available Control Technology (RACT) - Particulate Matter	§62-296.701, §62-296.703 through §62-296.712, F.A.C.	X			Facility does not include any regulated emission units.
Fossil Fuel Steam Generators	§62-296.702, F.A.C.			CS-001 through CS-006	Defines specific emission limitations for the applicable emission units.
Chapter 62-297 - Stationary Sources - Emissions Monitoring					
Purpose and Scope	62-297.100, F.A.C.	X			Contains no applicable requirements.
General Test Requirements	62-297.310, F.A.C.			CS-001 through CS-006	Specifies general compliance test requirements.
Compliance Test Methods	62-297.401, F.A.C.	X			Contains no applicable requirements.
Supplementary Test Procedures	62-297.440, F.A.C.	X			Contains no applicable requirements.
EPA VOC Capture Efficiency Test Procedures	62-297.450, F.A.C.	X			Contains no applicable requirements.
CEMS Performance Specifications	62-297.520, F.A.C.	X			Contains no applicable requirements.

Test Reports 297.570 Repealed

Exceptions and Approval of Alternate Procedures and Requirements	62-297.620, F.A.C.	X			Exceptions or alternate procedures have not been requested.
Operating Permits					
	AO29-203001			CS-001	See Appendix D for permit text and conditions.
	AO29-203000			CS-002	See Appendix D for permit text and conditions.
	AO29-202999			CS-003	See Appendix D for permit text and conditions.
	AO29-202998			CS-004	See Appendix D for permit text and conditions.
	AO29-202997			CS-005	See Appendix D for permit text and conditions.
	AO29-203002			CS-006	See Appendix D for permit text and conditions.

[1] - State requirement only; not federally enforceable.

Source: ECT, 1996.