

Application for Air Permit
Volume 1 of 2
Dade County
Resources Recovery Facility

June 15, 1996



Metropolitan Dade County, Florida
Department of Solid Waste Management

Submitted to:

State of Florida
Department of Environmental Protection
Division of Air Resources Management

BROWN AND CALDWELL

FedEx USA AirbillTracking Number **0582984474****Recipient's Copy**

1 From
 Date 6/14/96
 Sender's Name MATT MANZIONE Phone (305)-266-6667
 Company BROWN AND CALDWELL
 Address 6103 11TH ST STE 375
 City MIAMI State FL Zip 33126

2 Your Internal Billing Reference Information 39

3 To
 Recipient's Name John C. Brown, Jr, PE Phone 904-1488-1344
 Company Division of Air Resources Management
Twin Towers Office Building
 Address 2600 Blair Stone Rd
 City Tallahassee State FL Zip 32399

For HOLD at FedEx Location check here
☐ **Hold Weekday** (Not available with FedEx First Overnight)
☐ **Hold Saturday** (Not available with FedEx First Overnight or FedEx Standard Overnight)

For Saturday Delivery check here
☒ (Extra Charge. Not available to all locations)
 (Not available with FedEx First Overnight or FedEx Standard Overnight)



4 Service Delivery commitment may be later in some areas.
☐ FedEx Priority Overnight (Next business morning) ☐ FedEx Standard Overnight (Next business afternoon) ☐ FedEx 2Day* (Second business day)
☐ FedEx Govt. Overnight (Authorized user only) ☐ DESCRIPTION
☐ FedEx Overnight Freight ☐ FedEx 2Day Freight
 (For packages over 150 pounds. Call for delivery schedule.)
☐ NEW FedEx First Overnight (Earliest next business morning delivery to select locations) (Higher rates apply) *FedEx Letter Rate not available. Minimum charge: One pound FedEx 2Day rate.

5 Packaging
☐ FedEx Letter* ☐ FedEx Pak ☒ FedEx Box ☐ FedEx Tube ☐ Other Packaging
 Declared value limit \$500.

6 Special Handling
 Does this shipment contain dangerous goods? ☐ Yes (As per attached Shipper's Declaration) ☐ Yes (Shipper's Declaration not required)
☐ Dry Ice (Dry Ice, 9 UN 1845 III (Dangerous Goods Shipper's Declaration not required)) ☐ CA ☐ Cargo Aircraft Only

7 Payment ☒ Obtain Recipient's FedEx Account No.
 Bill to: ☒ Sender (Account no. in Section 1 will be billed) ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
 (Enter FedEx account no. or Credit Card no. below)

Total Packages	Total Weight	Total Declared Value	Total Charges
1	39	\$ 00	\$ 00

*When declaring a value higher than \$100 per package, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY section for further information.

8 Release Signature

Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

232FORM ID NO. **0200**Rev. Date 10/95 PART #147381
©1994-95 FedEx • PRINTED IN U.S.A.



June 13, 1996

RECEIVED

JUN 17 1996

BUREAU OF
AIR REGULATION

Mr. John C. Brown, Jr., P.E.
Administrator Title V Section
Division of Air Resources Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Dade County Resources Recovery Facility
Title V Air Permit Compliance Report

Dear Mr. Brown:

Enclosed are four (4) copies of an Application for Air Permit for the Resources Recovery Facility pursuant to the requirements of Title V. Each copy of the application contains a printout of the ELSA form and supporting documentation. A copy of the ELSA form on diskette is included in this package.

Please call me at (305) 594-1581 if there are any questions during the Department's review of the application.

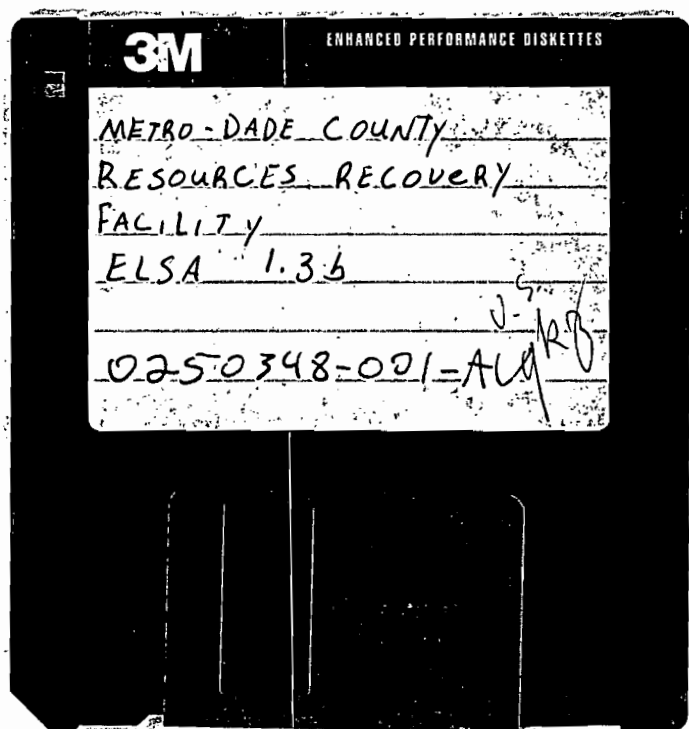
Sincerely,

A handwritten signature in cursive script, appearing to read "Lee S. Casey".

Lee S. Casey, Chief
Environmental Compliance Division

cc: V. Castro - DSWM
M. Manzione - B&C
III. A103

BEST AVAILABLE COPY



**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

1. Facility Owner/Company Name : Metro-Dade County / Montenay Power Corp.	
2. Site Name : Dade County Resources Recovery Facility	
3. Facility Identification Number : 50WPB13034 0250348 [] Unknown	
4. Facility Location : Metro-Dade County owns a resource recovery facility located in Northwest Dade County approximately 0.5 miles north of NW 58th Street immediately west of NW 97th Avenue, Miami. The site's legal description is the Northeast quadrant, Section 17, Township 53 South, Range 40 East of Dade County, Florida. The facility, known as the Dade County Resources Recovery Facility (DCRRF), is operated under contract by Montenay Power Corp. (MPC). <div style="display: flex; justify-content: space-between;"><div>Street Address or Other Locator : City : Miami</div><div>6990 NW 97th Avenue County : FL</div><div>Zip Code : 33178-6430</div></div>	
5. Relocatable Facility? [] Yes [X] No	6. Existing Permitted Facility? [X] Yes [] No

Owner/Authorized Representative or Responsible Official

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

Name : Vicente Castro
Title : Assistant Director

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

Organization/Firm : Metro-Dade County Dept. of Solid Waste
Street Address : 8675 NW 53rd Street, Suite 201
City : Miami
State : FL Zip Code : 33166-4598

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

Telephone : (305)594-1677 Fax : (305)594-1591

4. Owner/Authorized Representative or Responsible Official Statement :

I, the undersigned, am the owner or authorized representative of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, 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. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained 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. 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 units.*

Signature

Date

* Attach letter of authorization if not currently on file.

I. Part 2 - 1

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

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type
Unknown	Boiler Unit Number 1	
Unknown	Refuse Derived Fuel Processing and Biomass Production	
Unknown	Ash Handling	
Unknown	Boiler Unit Number 2	
Unknown	Boiler Unit Number 3	
Unknown	Boiler Unit Number 4	

I. Part 3 - 1

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

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 :

☒ 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

I. Part 4 - 1

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 :

I. Part 4 - 2

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

Effective : 3-21-96

- ☐ 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

Check one :

☐ Attached - Amount : _____

☒ Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations :

An air construction permit is not being applied for with this application. However, Dade County has obtained revised Conditions of Certification (PA 77-08) and a Final Determination for PSD (PSD-FL-006(A)) to upgrade the air pollution control equipment on each of the four existing boilers and to process trash into biomass fuel for export to an off-site cogeneration facility, including the following major activities:

1. Removal of the existing electrostatic precipitators (ESPs) and replacement with new air pollution control equipment. Each existing unit will be fitted with its own dry scrubber/bag house and mercury control system.
2. The two existing stacks (150 ft. height) will be removed to make room for the new control equipment. These existing stacks each have a single flue servicing two boiler units. Two new, dual flue stacks (250 ft. height) will be installed to the north of the existing stacks, with each boiler having its own flue.
3. Continuous emissions monitors for SO₂, CO, O₂ and opacity will be installed in each unit.

2. Projected or Actual Date of Commencement of Construction :

3. Projected Date of Completion of Construction :

Professional Engineer Certification

1. Professional Engineer Name : Benjamin F. Gilbert, Jr,
Registration Number : 0046603

2. Professional Engineer Mailing Address :

Organization/Firm : Brown and Caldwell

Street Address : 6303 NW 11th Street, Suite 375

City : Miami

State : FL **Zip Code :** 33126-2049

3. Professional Engineer Telephone Numbers :

Telephone : (305)266-6667

Fax : (305)266-6620

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 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 found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

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

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

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

Signature

Date

6/14/96

* Attach any exception to certification statement.

I. Part 6 - 1

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



Application Contact

1. Name and Title of Application Contact :

Name : Lee S. Casey

Title : Chief, Environmental Compliance

2. Application Contact Mailing Address :

Organization/Firm : Metro-Dade Co. Dept. of Solid Waste

Street Address : 8675 NW 53rd Street, Suite 201

City : Miami

State : FL

Zip Code : 33166-4598

3. Application Contact Telephone Numbers :

Telephone : (305)594-1581

Fax : (305)594-1591

Application Comment

The Dade County Resources Recovery Facility is owned by Metro-Dade County and is operated under contract by Montenay Power Corp.

The existing boilers are presently being upgraded and the completion of the retrofit is scheduled to occur sometime during the 5-year permit period. The following is our approach in handling this situation in the context of securing the required major facility operating permit.

Dade County has in its possession revised Conditions of Certification and a revised PSD permit reflecting the retrofit of the existing boilers air pollution system (APC) system and the trash processing system to produce biomass fuel. Since the construction of the retrofit is not complete at the time of this permit application and we prefer not to reopen the permit when construction is complete, we have in this permit application treated these permits as applicable regulations and provided compliance schedules under the compliance plan section of this document.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility, Location, and Type

1. Facility UTM Coordinates : Zone : 17 East (km) : 564.29 North (km) : 2857.40			
2. Facility Latitude/Longitude : Latitude (DD/MM/SS) : 25 50 6 Longitude (DD/MM/SS) : 80 21 30			
3. Governmental Facility Code : 3	4. Facility Status Code : A	5. Facility Major Group SIC Code : 49	6. Facility SIC(s) :
7. Facility Comment : This facility produces electricity from the combustion of Refuse Derived Fuel (RDF) from Municipal Solid Waste. Therefore the SIC code chosen is that of Electric, Gas, and Sanitary services.			

Facility Contact

1. Name and Title of Facility Contact : Charles R. Strong Vice President	
2. Facility Contact Mailing Address : Organization/Firm : Montenay Power Corp. Street Address : 6990 NW 97th Avenue City : Miami State : FL Zip Code : 33178-6430	
3. Facility Contact Telephone Numbers : Telephone : (305)593-7000 Fax : (305)593-1826	

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)?	N
7. Synthetic Minor Source of HAPs?	N
8. One or More Emissions Units Subject to NSPS?	Y
9. One or More Emission Units Subject to NESHAP?	Y
10. Title V Source by EPA Designation?	Y
11. Facility Regulatory Classifications Comment : Title V Source.	

II. Part 2 - 1

B. FACILITY REGULATIONS

Rule Applicability Analysis

This Section is not applicable since the facility is a Title V Source.

B. FACILITY REGULATIONS

List of Applicable Regulations

40 CFR 52.21 (All Terms and Conditions of DCRRF Permit No. PSD-FL-006A)

40 CFR 60, Subpart A

62-210.300(1), F.A.C

62-210.300(2), F.A.C

62-210.300(3), F.A.C

62-210.300(3)(a), F.A.C

62-210.300(3)(b), F.A.C

62-210.300(5), F.A.C

62-210.300(6), F.A.C

62-210.350, F.A.C

62-210.350(3), F.A.C

62-210.360, F.A.C

62-296.320(4)(c), F.A.C

62-296.400, F.A.C

II. Part 3b - 1

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

Effective : 3-21-96

B. FACILITY REGULATIONS

List of Applicable Regulations

62-296.401(2), F.A.C - State Only; Not Federally Enforceable

62-296.416, F.A.C

62-296.500(1)(b), F.A.C

62-296.570(1), F.A.C

62-296.570(2), F.A.C.

62-296.570(3), F.A.C.

62-296.570(4)(a)4, F.A.C.

62-296.570(4)(b)9, F.A.C.

62-296.570(4)(c), F.A.C.

62-296.711, F.A.C.

62-204.800(7)(b), F.A.C.

62-297.310, F.A.C.

62-297.310(7)(a)1, F.A.C.

62-297.310(7)(a)2, F.A.C.

62-297.310(7)(a)3, F.A.C.

II. Part 3b - 2

B. FACILITY REGULATIONS

List of Applicable Regulations

62-297.310(7)(a)4, F.A.C.

62-297.310(7)(b), F.A.C.

62-297.310(6), F.A.C.

62-297.400, F.A.C.

62-297.401, F.A.C.

62-297.411, F.A.C.

62-297.412, F.A.C.

62-297.413, F.A.C.

62-297.415, F.A.C.

62-297.417, F.A.C.

62-297.420, F.A.C.

62-297.520, F.A.C.

62-297.570, F.A.C.

62-297.620, F.A.C.

II. Part 3b - 3

B. FACILITY REGULATIONS

List of Applicable Regulations

62-297.310(8)(c), F.A.C.

40 CFR 82, Subpart B

40 CFR 82, Subpart F

40 CFR 261.4(b)

62-4.030, F.A.C

62-4.040, F.A.C

62-4.050, F.A.C

62-4.060, F.A.C

62-4.070, F.A.C

62-4.080, F.A.C

62-4.090, F.A.C

62-4.100, F.A.C

62-4.110, F.A.C

62-4.120, F.A.C

II. Part 3b - 4

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

Effective : 3-21-96

B. FACILITY REGULATIONS

List of Applicable Regulations

62-4.130, F.A.C

62-4.150, F.A.C

62-4.160, F.A.C

62-4.210, F.A.C

62-4.220, F.A.C

62-17, F.A.C. (Special Air Conditions (Revised 3/2/94) of Site Certification NO. PA 77-08)

62-103.150, F.A.C

62-103.155, F.A.C

62-210.300, F.A.C

62-210.900, F.A.C

62-210.900(1), F.A.C

62-210.900(5), F.A.C

62-213.205, F.A.C

62-213.210, F.A.C

62-213.220, F.A.C

II. Part 3b - 5

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

B. FACILITY REGULATIONS

List of Applicable Regulations

62-213.400, F.A.C

62-213.410, F.A.C

62-213.412, F.A.C

62-213.415, F.A.C

62-213.420, F.A.C

62-213.430, F.A.C

62-213.440, F.A.C

62-213.440(1)(b), F.A.C

62-213.460, F.A.C

62-213.900, F.A.C

62-213.900(1), F.A.C

62-256, F.A.C

62-257, F.A.C

62-281, F.A.C

II. Part 3b - 6

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

B. FACILITY REGULATIONS

List of Applicable Regulations

62-296.320(2), F.A.C

62-296.320(3), F.A.C

62-210.370(2), F.A.C

62-210.370(3), F.A.C

62-210.370(3)(a), F.A.C

62-210.650, F.A.C

62-210.700(1), F.A.C.

40 CFR 60, Subpart E

40 CFR 60, Subpart Ea

40 CFR 60, Appendix A

40 CFR 60, Appendix B

40 CFR 60, Appendix F

40 CFR 61

40 CFR 61, Subpart M

II. Part 3b - 7

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

B. FACILITY REGULATIONS

List of Applicable Regulations

40 CFR 61, Appendix B

40 CFR 82

62-210.700(4), F.A.C.

62-210.700(6)

62-213.300, F.A.C.

62-296.310(3)(b), F.A.C.

62-297, F.A.C.

62-4.020, F.A.C.

40 CFR 60.516, Subpart Eb

40 CFR 60.586, Subpart Eb

40 CFR 60.596, Subpart Eb

40 CFR 60.336(d)(2)Cb

40 CFR 60.12

40 CFR 60.13

40 CFR 60.7(a)(5)

II. Part 3b - 8

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

B. FACILITY REGULATIONS

List of Applicable Regulations

40 CFR 60.7

40 CFR 60.7(c)(1)

40 CFR 60.7(c)(2)

40 CFR 60.7(c)(4)

40 CFR 60.7(d)

40 CFR 60.56(a)

40 CFR 60 Subpart Cb

62-210.200, F.A.C.

62-210.700, F.A.C.

62-296.310(1), F.A.C.

62-296.310(2), F.A.C.

62-296.310(3), F.A.C.

62-297.310(4), F.A.C.

62-297.310(5)

II. Part 3b - 9

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

B. FACILITY REGULATIONS

List of Applicable Regulations

62-297.403, F.A.C.

62-297.401, F.A.C. last two sentences

62-297.310(8)(a), F.A.C.

62-297.310(8)(b), F.A.C.

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
CO	A
PB	B
NOX	A
PM	B
PM10	B
SO2	A
VOC	B
DIOX	B
FL	B
HCL	A
SAM	B
H015	B
H021	B

II. Part 4 - 1

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
H114	A
H113	B
H027	B

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 1

1. Pollutant Emitted : CO		
2. Requested Emissions Cap :		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 1

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 2

1. Pollutant Emitted :	PB	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 2

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 3

1. Pollutant Emitted :	NOX	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 3

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 4

1. Pollutant Emitted : PM		
2. Requested Emissions Cap :		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 4

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 5

1. Pollutant Emitted :	PM10	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 5

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 6

1. Pollutant Emitted :	SO2	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 6

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 7

1. Pollutant Emitted :	VOC	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 7

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 8

1. Pollutant Emitted :	DIOX	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 8

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 9

1. Pollutant Emitted :	FL	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 9

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 10

1. Pollutant Emitted : HCL		
2. Requested Emissions Cap :		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 10

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 11

1. Pollutant Emitted :	SAM	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 9

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 12

1. Pollutant Emitted :	H015	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 10

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 13

1. Pollutant Emitted :	H021	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 11

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 14

1. Pollutant Emitted : H114		
2. Requested Emissions Cap :		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 12

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 15

1. Pollutant Emitted : H113		
2. Requested Emissions Cap :		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 13

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 16

1. Pollutant Emitted : H027		
2. Requested Emissions Cap :		
	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :		

II. Part 4b - 14

D. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

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

Additional Supplemental Requirements for Category I Applications Only

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

III. EMISSIONS UNIT INFORMATION

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

Emissions Unit Information Section 1

Boiler Unit Number 1

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- ☒ [X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- ☐ [] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

- ☒ [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, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- ☐ [] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. EMISSIONS UNIT INFORMATION

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

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- ☒ [X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- ☐ [] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

- ☐ [] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- ☒ [X] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- ☐ [] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 2

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

Effective : 3-21-96

III. EMISSIONS UNIT INFORMATION

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

Emissions Unit Information Section 3

Ash Handling

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- ☒ [X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- ☐ [] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

- ☐ [] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- ☒ [X] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- ☐ [] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 3

III. EMISSIONS UNIT INFORMATION

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

Emissions Unit Information Section 4

Boiler Unit Number 2

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- ☒ [X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- ☐ [] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

- ☒ [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, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- ☐ [] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. EMISSIONS UNIT INFORMATION

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

Emissions Unit Information Section 5

Boiler Unit Number 3

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- ☒ [X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- ☐ [] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

- ☒ [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, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- ☐ [] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

III. Part 1 - 5

III. EMISSIONS UNIT INFORMATION

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

Emissions Unit Information Section 6

Boiler Unit Number 4

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- ☒ [X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- ☐ [] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

- ☒ [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, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- ☐ [] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 1

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

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Boiler Unit Number 1		
2. Emissions Unit Identification Number : <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown </div>		
3. Emissions Unit Status Code : <div style="text-align: right;">A</div>	4. Acid Rain Unit? <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div>	5. Emissions Unit Major Group SIC Code : <div style="text-align: right;">49</div>
6. Emissions Unit Comment : This EU-B1 unit is undergoing an Air Pollution Control Equipment upgrade according to the revised Conditions of Certification. Currently, the emissions from this unit mix with those from BU2 and the combined emissions exit a shared flue. After the upgrade, the emissions from BU1 will exit a single flue and the emissions from BU2 will exit a separate flue. The two flues will be in one dual flue stack and will include the lime silo and Hg reagent silo baghouses, and fugitive emissions.		

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**Emissions Unit Description and Status**

1. Description of Emissions Unit Addressed in This Section : Refuse Derived Fuel Processing and Biomass Production		
2. Emissions Unit Identification Number : [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code : 49
6. Emissions Unit Comment : The EU-RDF emission unit consists of trash and garbage receiving processing and storage. Biomass processing and production is also included. Garbage dust collectors, MAC Model Numbers: 144MWP212-160, 120MWP312-256 Trash and biomass dust collectors, Clarke Serial Numbers: PAFX5720XX88337, PAFX5720XX88338 PAFX5720XX88339, PAFX9520XX88340 This emissions unit also includes fugitive emissions.		

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**Emissions Unit Description and Status**

1. Description of Emissions Unit Addressed in This Section : Ash Handling		
2. Emissions Unit Identification Number : [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code : 49
6. Emissions Unit Comment : This emissions unit includes the bottom and fly ash handling, fly ash silo, ash conditioning agent silo (if any), the Ash Handling Building (AHB), and related fugitive emissions. The AHB is designed to store about 3 days of bottom and fly ash with 4 roof fans and 7 east and 3 west louvers. Trucks enter through doors from the south, exit to the north and haul ash to a monofill. One 26.5 acre section of monofill is closed.		

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**Emissions Unit Description and Status**

1. Description of Emissions Unit Addressed in This Section : Boiler Unit Number 2		
2. Emissions Unit Identification Number : [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code : 49
6. Emissions Unit Comment : This EU-B2 unit is undergoing an Air Pollution Control Equipment upgrade according to the revised Conditions of Certification. Currently, the emissions from this unit mix with those from BU1 and the combined emissions exit a shared flue. After the upgrade, the emissions from BU1 will exit a single flue and the emissions from BU2 will exit a separate flue. The two flues will be in one dual flue stack and will include the lime silo and Hg reagent silo baghouses, and fugitive emissions.		

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**Emissions Unit Description and Status**

1. Description of Emissions Unit Addressed in This Section : Boiler Unit Number 3		
2. Emissions Unit Identification Number : [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code : 49
6. Emissions Unit Comment : This EU-B3 unit is undergoing an Air Pollution Control Equipment upgrade according to the revised Conditions of Certification. Currently, the emissions from this unit mix with those from BU4 and the combined emissions exit a shared flue. After the upgrade, the emissions from BU3 will exit a single flue and the emissions from BU4 will exit a separate flue. The two flues will be in one dual flue stack and will include the lime silo and Hg reagent silo baghouses, and fugitive emissions.		

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**Emissions Unit Description and Status**

1. Description of Emissions Unit Addressed in This Section : Boiler Unit Number 4		
2. Emissions Unit Identification Number : [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code : 49
6. Emissions Unit Comment : This EU-B4 unit is undergoing an Air Pollution Control Equipment upgrade according to the revised Conditions of Certification. Currently, the emissions from this unit mix with those from BU3 and the combined emissions exit a shared flue. After the upgrade, the emissions from BU3 will exit a single flue and the emissions from BU4 will exit a separate flue. The two flues will be in one dual flue stack and will include the lime silo and Hg reagent silo baghouses, and fugitive emissions.		

Emissions Unit Information Section 1
Boiler Unit Number 1

Emissions Unit Control Equipment 1

1. Description :

Staged Air Combustion (Multiple air zones in furnace) - Existing

2. Control Device or Method Code : 25

III. Part 3 - 1

Emissions Unit Information Section 1
Boiler Unit Number 1

Emissions Unit Control Equipment 2

1. Description :

Centrifugal Collector

2. Control Device or Method Code : 9

III. Part 3 - 2

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

Emissions Unit Information Section 1
Boiler Unit Number 1

Emissions Unit Control Equipment 3

1. Description :	
Lime slurry scrubbing/Spray Dryer Absorber - Upgrade	
2. Control Device or Method Code :	67

Emissions Unit Information Section 1
Boiler Unit Number 1

Emissions Unit Control Equipment 4

1. Description :	
Fabric Filter - Upgrade	
2. Control Device or Method Code :	16

Emissions Unit Information Section 1
Boiler Unit Number 1

Emissions Unit Control Equipment 5

1. Description :	
Mercury Reagent Injection - Upgrade	
2. Control Device or Method Code :	99

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Emissions Unit Control Equipment 1

1. Description :

Fabric Filter - Existing - Clarke Equipment Serial No. PAFX5720XX88337 (baghouse) filter. This filter connects primarily with the #3 trash processing shredder and also services covered conveyor belts.

2. Control Device or Method Code : 17

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Emissions Unit Control Equipment 2

1. Description :

Fabric Filter - Existing - Clarke Equipment Serial No. PAFX5720XX88338 (baghouse) filter. This filter connects primarily with the #1 trash processing shredder and also services covered conveyor belts.

2. Control Device or Method Code : 17

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Emissions Unit Control Equipment 3

1. Description :

Fabric Filter - Existing - Clarke Equipment Serial No. PAFX5720XX88339 (baghouse) filter. This filter connects primarily with the #2 trash processing shredder and also services covered conveyor belts.

2. Control Device or Method Code : 17

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Emissions Unit Control Equipment 4

1. Description :

Fabric Filter - Existing - Clarke Equipment Serial No. PAFX9520XX88340 (baghouse) filter. This filter connects with the #1 & #2 trash processing magnets and also services covered conveyor belts.

2. Control Device or Method Code : 17

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Emissions Unit Control Equipment 5

1. Description :

Fabric Filter - Existing - MAC Equipment 144MWP212-160 garbage shredder line (baghouse) filter.
This filter connects with the garbage shredder and also services covered conveyor belts.

2. Control Device or Method Code : 17

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Emissions Unit Control Equipment 6

1. Description :

Fabric Filter - Existing - MAC Equipment 144MWP212-160 garbage shredder line (baghouse) filter.
This filter connects with the garbage shredder and also services covered conveyor belts.

2. Control Device or Method Code : 17

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Emissions Unit Control Equipment 7

1. Description :

Fabric Filter - Existing - MAC Equipment 120MWP312-256 garbage process line (baghouse) filter. This filter connects to an unders magnet and to various conveyors and trommels.

2. Control Device or Method Code : 16

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Emissions Unit Control Equipment 8

1. Description :

Fabric Filter - Existing - MAC Equipment 120MWP312-256 garbage process line (baghouse) filter. This filter connects to an unders magnet and to various conveyors and trommels.

2. Control Device or Method Code : 17

Emissions Unit Information Section 3
Ash Handling

Emissions Unit Control Equipment 1

1. Description :	
Ash Silo Baghouse	
2. Control Device or Method Code :	17

Emissions Unit Information Section 3
Ash Handling

Emissions Unit Control Equipment 2

1. Description :	
Ash Conditioner	
2. Control Device or Method Code :	61

Emissions Unit Information Section 4
Boiler Unit Number 2

Emissions Unit Control Equipment 1

1. Description :

Staged Air Combustion (Multiple air zones in furnace) - Existing

2. Control Device or Method Code : 25

Emissions Unit Information Section 4
Boiler Unit Number 2

Emissions Unit Control Equipment 2

1. Description :	
Centrifugal Collector	
2. Control Device or Method Code :	9

Emissions Unit Information Section 4
Boiler Unit Number 2

Emissions Unit Control Equipment 3

1. Description :

Lime slurry scrubbing/Spray Dryer Absorber - Upgrade

2. Control Device or Method Code : 67

Emissions Unit Information Section 4
Boiler Unit Number 2

Emissions Unit Control Equipment 4

1. Description :	
Fabric Filter - Upgrade	
2. Control Device or Method Code :	16

Emissions Unit Information Section 4
Boiler Unit Number 2

Emissions Unit Control Equipment 5

1. Description :	
Mercury Reagent Injection - Upgrade	
2. Control Device or Method Code :	99

Emissions Unit Information Section 5
Boiler Unit Number 3

Emissions Unit Control Equipment 1

1. Description :

Staged Air Combustion (Multiple air zones in furnace) - Existing

2. Control Device or Method Code : 25

Emissions Unit Information Section 5
Boiler Unit Number 3

Emissions Unit Control Equipment 2

1. Description :	
Centrifugal Collector	
2. Control Device or Method Code :	9

Emissions Unit Information Section 5
Boiler Unit Number 3

Emissions Unit Control Equipment 3

1. Description :

Lime slurry scrubbing/Spray Dryer Absorber - Upgrade

2. Control Device or Method Code : 67

Emissions Unit Information Section 5
Boiler Unit Number 3

Emissions Unit Control Equipment 4

1. Description :	
Fabric Filter - Upgrade	
2. Control Device or Method Code :	16

Emissions Unit Information Section 5
Boiler Unit Number 3

Emissions Unit Control Equipment 5

1. Description :

Mercury Reagent Injection - Upgrade

2. Control Device or Method Code : 99

Emissions Unit Information Section 6
Boiler Unit Number 4

Emissions Unit Control Equipment 1

1. Description :

Staged Air Combustion (Multiple air zones in furnace) - Existing

2. Control Device or Method Code : 25

Emissions Unit Information Section 6
Boiler Unit Number 4

Emissions Unit Control Equipment 2

1. Description :

Centrifugal Collector

2. Control Device or Method Code : 9

Emissions Unit Information Section 6
Boiler Unit Number 4

Emissions Unit Control Equipment 3

1. Description :

Lime slurry scrubbing/Spray Dryer Absorber - Upgrade

2. Control Device or Method Code : 67

Emissions Unit Information Section 6
Boiler Unit Number 4

Emissions Unit Control Equipment 4

1. Description :	
Fabric Filter - Upgrade	
2. Control Device or Method Code :	16

Emissions Unit Information Section 6
Boiler Unit Number 4

Emissions Unit Control Equipment 5

1. Description :

Mercury Reagent Injection - Upgrade

2. Control Device or Method Code : 99

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
Boiler Unit Number 1

Emissions Unit Details

1. Initial Startup Date :	01-Jan-1982		
2. Long-term Reserve Shutdown Date :			
3. Package Unit :			
Manufacturer : Zurn	Model Number : Serial No. 101155		
4. Generator Nameplate Rating :	77	MW	
5. Incinerator Information :			
Dwell Temperature :	1,600	Degrees Fahrenheit	
Dwell Time :	1	Seconds	
Incinerator Afterburner Temperature :		Degrees Fahrenheit	

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	302	mmBtu/hr		
2. Maximum Incinerator Rate :	60480.00	lb/hr	725.76	tons/day
3. Maximum Process or Throughput Rate :	33	TPH of RDF		
4. Maximum Production Rate :	195000	lbs/hr		
5. Operating Capacity Comment :				
The combustor unit is designed for a capacity of 27 tons/hr of 5600 Btu/lb RDF, or 302.4 mmBtu/hr. Actual throughput will vary with RDF heating value and steam production max. is 195000 @625# & 730F.				

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8,760 hours/year

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Emissions Unit Details

1. Initial Startup Date :	01-Jan-1982	
2. Long-term Reserve Shutdown Date :		
3. Package Unit :		
Manufacturer : N/A	Model Number :	
4. Generator Nameplate Rating :	MW	
5. Incinerator Information :		
Dwell Temperature :	Degrees Fahrenheit	
Dwell Time :	Seconds	
Incinerator Afterburner Temperature :	Degrees Fahrenheit	

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	mmBtu/hr	
2. Maximum Incinerator Rate :	lb/hr	tons/day
3. Maximum Process or Throughput Rate :	1336000	tons/year
4. Maximum Production Rate :		
5. Operating Capacity Comment :		
Throughput rate in item No.3 above are based upon nominal design data and not a maximum limit. Per PA 77-08, RDF production is 936,000 tons per year, and Biomass production is 400,000 tons per year.		

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :		
24 hours/day	7 days/week	
52 weeks/year	8,760 hours/year	

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section

3

Ash Handling

Emissions Unit Details

1. Initial Startup Date :	01-Jan-1982	
2. Long-term Reserve Shutdown Date :		
3. Package Unit :		
Manufacturer : N/A	Model Number : N/A	
4. Generator Nameplate Rating :	MW	
5. Incinerator Information :		
Dwell Temperature :	Degrees Fahrenheit	
Dwell Time :	Seconds	
Incinerator Afterburner Temperature :	Degrees Fahrenheit	

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	mmBtu/hr	
2. Maximum Incinerator Rate :	lb/hr	tons/day
3. Maximum Process or Throughput Rate :	200000	tons per year
4. Maximum Production Rate :		
5. Operating Capacity Comment :		
Throughput rate in item No.3 above is based upon nominal design data and is not a maximum limit.		

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :		
24 hours/day	7 days/week	
52 weeks/year	8,760 hours/year	

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section

4

Boiler Unit Number 2

Emissions Unit Details

1. Initial Startup Date :	01-Jan-1982		
2. Long-term Reserve Shutdown Date :			
3. Package Unit :			
Manufacturer : Zurn	Model Number : Serial No. 101156		
4. Generator Nameplate Rating :	77	MW	
5. Incinerator Information :			
Dwell Temperature :	1,600	Degrees Fahrenheit	
Dwell Time :	1	Seconds	
Incinerator Afterburner Temperature :	Degrees Fahrenheit		

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	302	mmBtu/hr		
2. Maximum Incinerator Rate :	60480.00	lb/hr	725.76	tons/day
3. Maximum Process or Throughput Rate :	33	TPH of RDF		
4. Maximum Production Rate :	195000	lbs/hr		
5. Operating Capacity Comment :				
The combustor unit is designed for a capacity of 27 tons/hr of 5600 Btu/lb RDF, or 302.4 mmBtu/hr. Actual throughput will vary with RDF heating value and steam production max. is 195000 @625# & 730F.				

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :		
24 hours/day	7 days/week	
52 weeks/year	8,760 hours/year	

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section

5

Boiler Unit Number 3

Emissions Unit Details

1. Initial Startup Date :	01-Jan-1982		
2. Long-term Reserve Shutdown Date :			
3. Package Unit :			
Manufacturer : Zurn	Model Number : Serial No. 101157		
4. Generator Nameplate Rating :	77	MW	
5. Incinerator Information :			
Dwell Temperature :	1,600	Degrees Fahrenheit	
Dwell Time :	1	Seconds	
Incinerator Afterburner Temperature :		Degrees Fahrenheit	

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	302	mmBtu/hr		
2. Maximum Incinerator Rate :	60480.00	lb/hr	725.76	tons/day
3. Maximum Process or Throughput Rate :	33	TPH of RDF		
4. Maximum Production Rate :	195000	lbs/hr		
5. Operating Capacity Comment :				
The combustor unit is designed for a capacity of 27 tons/hr of 5600 Btu/lb RDF, or 302.4 mmBtu/hr. Actual throughput will vary with RDF heating value and steam production max. is 195000 @625# & 730F.				

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8,760 hours/year

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section

6

Boiler Unit Number 4

Emissions Unit Details

1. Initial Startup Date :	01-Jan-1982		
2. Long-term Reserve Shutdown Date :			
3. Package Unit :			
Manufacturer : Zum	Model Number : Serial No. 101158		
4. Generator Nameplate Rating :	77	MW	
5. Incinerator Information :			
Dwell Temperature :	1,600	Degrees Fahrenheit	
Dwell Time :	1	Seconds	
Incinerator Afterburner Temperature :	Degrees Fahrenheit		

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	302	mmBtu/hr		
2. Maximum Incinerator Rate :	60480.00	lb/hr	725.76	tons/day
3. Maximum Process or Throughput Rate :	33	TPH of RDF		
4. Maximum Production Rate :	195000	lbs/hr		
5. Operating Capacity Comment :				
The combustor unit is designed for a capacity of 27 tons/hr of 5600 Btu/lb RDF, or 302.4 mmBtu/hr. Actual throughput will vary with RDF heating value and steam production max. is 195000 @625# & 730F.				

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8,760 hours/year

D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
Boiler Unit Number 1

Rule Applicability Analysis

This section is not applicable since the facility is a Title V source.

III. Part 6a - 1

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

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Rule Applicability Analysis

This section is not applicable since the facility is a Title V source.

III. Part 6a - 2

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

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Emissions Unit Information Section 3
Ash Handling

Rule Applicability Analysis

This section is not applicable since the facility is a Title V source.

III. Part 6a - 3

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

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Emissions Unit Information Section 4
Boiler Unit Number 2

Rule Applicability Analysis

This section is not applicable since the facility is a Title V source.

III. Part 6a - 4

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

D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

Emissions Unit Information Section 5
Boiler Unit Number 3

Rule Applicability Analysis

This section is not applicable since the facility is a Title V source.

III. Part 6a - 5

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

D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

Emissions Unit Information Section 6
Boiler Unit Number 4

Rule Applicability Analysis

This section is not applicable since the facility is a Title V source.

III. Part 6a - 6

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

List of Applicable Regulations

40 CFR 52.21 (All terms and conditions of DCRRF permit No. PSD-FL-006A)

40 CFR 60, Subpart A

40 CFR 60, Subpart E

40 CFR 60, Subpart Ea

62-210.700(1), F.A.C.

62-296.310(3)(B), F.A.C.

62-210.200, F.A.C.

62-210.700, F.A.C.

62-297.310(8), F.A.C.

62-204.800(7)(B), F.A.C.

62-297.310(7)(a)1, F.A.C.

62-297.310(7)(a)2, F.A.C.

62-297.310(7)(a)3, F.A.C.

62-297.310(7)(a)4, F.A.C.

III. Part 6b - 1

Emissions Unit Information Section
Boiler Unit Number 1

1

List of Applicable Regulations

62-297.310(7)(b), F.A.C.

62-297.310(6), F.A.C.

40 CFR 60, Appendix A

40 CFR 60, Appendix B

40 CFR 60, Appendix F

40 CFR 61

40 CFR 61, Subpart M

40 CFR 61, Appendix B

40 CFR 82

40 CFR 82, Subpart B

40 CFR 82, Subpart F

40 CFR 261.4(b)

62-4.030, F.A.C.

62-4.040, F.A.C

62-4.050, F.A.C

III. Part 6b - 2

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

Emissions Unit Information Section
Boiler Unit Number 1

1

List of Applicable Regulations

62-4.060, F.A.C

62-4.070, F.A.C

62-4.080, F.A.C.

62-4.090, F.A.C

62-4.100, F.A.C

62-4.110, F.A.C

62-4.120, F.A.C

62-4.130, F.A.C

62-4.150, F.A.C

62-4.160, F.A.C

62-4.210, F.A.C

62-4.220, F.A.C

62-17, F.A.C. (Special Air Conditions (Revised 3/2/94) of Site Certification NO. PA 77-08)

62-103.150, F.A.C

62-103.155, F.A.C

III. Part 6b - 3

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

List of Applicable Regulations

62-210.300, F.A.C

62-210.300(1), F.A.C

62-210.300(2), F.A.C

62-210.300(3), F.A.C

62-210.300(3)(a), F.A.C

62-210.300(3)(b), F.A.C

62-210.300(5), F.A.C

62-210.300(6), F.A.C

62-210.350, F.A.C

62-210.350(3), F.A.C

62-210.360, F.A.C

62-210.370(2), F.A.C

62-210.370(3), F.A.C

62-210.370(3)(a), F.A.C

Emissions Unit Information Section
Boiler Unit Number 1

1

List of Applicable Regulations

62-210.650, F.A.C

62-281, F.A.C

62-296.320(2), F.A.C

62-296.320(3), F.A.C

62-296.320(4)(c), F.A.C

62-296.400, F.A.C

62-296.401(2), F.A.C - State Only; Not Federally Enforceable

62-296.416, F.A.C

62-296.500(1)(b), F.A.C

62-296.570(1), F.A.C

62-296.570(2), F.A.C.

62-296.570(3), F.A.C.

62-296.570(4)(a)4, F.A.C.

62-296.570(4)(b)9, F.A.C.

62-296.570(4)(c), F.A.C.

III. Part 6b - 5

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

Emissions Unit Information Section
Boiler Unit Number 1

1

List of Applicable Regulations

62-296.711, F.A.C.

62-297.310, F.A.C.

62-297.400, F.A.C.

62-297.401, F.A.C.

62-297.411, F.A.C.

62-297.412, F.A.C.

62-297.413, F.A.C.

62-297.415, F.A.C.

62-297.417, F.A.C.

62-297.420, F.A.C.

62-297.520, F.A.C.

62-297.570, F.A.C.

62-297.620, F.A.C.

62-210.900, F.A.C

62-210.900(1), F.A.C

III. Part 6b - 6

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

Emissions Unit Information Section
Boiler Unit Number 1

1

List of Applicable Regulations

62-210.900(5), F.A.C

62-213.205, F.A.C

62-213.210, F.A.C

62-213.220, F.A.C

62-213.400, F.A.C

62-213.410, F.A.C

62-213.412, F.A.C

62-213.415, F.A.C

62-213.420, F.A.C

62-213.430, F.A.C

62-213.440, F.A.C

62-213.440(1)(b), F.A.C

62-213.460, F.A.C

62-213.900, F.A.C

III. Part 6b - 7

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

Emissions Unit Information Section

1

Boiler Unit Number 1

List of Applicable Regulations

62-213.900(1), F.A.C

62-256, F.A.C

62-257, F.A.C

III. Part 6b - 8

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

Effective : 3-21-96

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

List of Applicable Regulations

62-297.620, F.A.C

40 CFR 52.21 (All terms and conditions of DCRRF permit No. PSD-FL-006)

62-4.030, F.A.C. to 62-213.900(1), F.A.C. all the same regulations as for the boilers apply

62-296.310(1),(2),(3), F.A.C.

62-296.320(2), F.A.C.

62-296.711, F.A.C.

62-297.310, F.A.C.

62-297.401, F.A.C

62-297.520, F.A.C

62-17, F.A.C. (Special Air Conditions (Revised 3/2/94) of Site Certification NO. PA 77-08)

List of Applicable Regulations

62-702.500(1)(C)

62-702.570(5)

40 CFR 52.21 (All terms and conditions of DCRRF permit No. PSD-FL-006)
State:

62-4.020, F.A.C. to 62-213.900(1), F.A.C., all the same regulations as for the boiler units

62-296.310(2),(3), F.A.C.

62-296.711, F.A.C.

62-297.310, F.A.C.

62-297.401, F.A.C.

62-297.520, F.A.C.

62-297.620, F.A.C.

62-17, F.A.C. (Special Air Conditions (Revised 3/2/94) of Site Certification NO. PA 77-08)

62-296.320(2), F.A.C.

List of Applicable Regulations

62-210.700(1), F.A.C.

62-296.310(3)(b), F.A.C.

62-210.200, F.A.C.

62-210.700, F.A.C.

62-297.310(8), F.A.C.

62-204.800(7)(b), F.A.C.

62-297.310(7)(a)1, F.A.C.

62-297.310(7)(a)2, F.A.C.

62-297.310(7)(a)3, F.A.C.

62-297.310(7)(a)4, F.A.C.

62-297.310(7)(b), F.A.C.

62-297.310(6), F.A.C.

40 CFR 52.21 (All terms and conditions of DCRRF permit No. PSD-FL-006A)

40 CFR 60, Subpart A

III. Part 6b - 11

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

List of Applicable Regulations

40 CFR 60, Subpart E

40 CFR 60, Subpart Ea

40 CFR 60, Appendix A

40 CFR 60, Appendix B

40 CFR 60, Appendix F

40 CFR 61

40 CFR 61, Subpart M

40 CFR 61, Appendix B

40 CFR 82

40 CFR 82, Subpart B

40 CFR 82, Subpart F

40 CFR 261.4(b)

62-4.030, F.A.C.

62-4.040, F.A.C

62-4.050, F.A.C

III. Part 6b - 12

List of Applicable Regulations

62-4.060, F.A.C

62-4.070, F.A.C

62-4.080, F.A.C.

62-4.090, F.A.C

62-4.100, F.A.C

62-4.110, F.A.C

62-4.120, F.A.C

62-4.130, F.A.C

62-4.150, F.A.C

62-4.160, F.A.C

62-4.210, F.A.C

62-4.220, F.A.C

62-17, F.A.C. (Special Air Conditions (Revised 3/2/94) of Site Certification NO. PA 77-08)

62-103.150, F.A.C

62-103.155, F.A.C

III. Part 6b - 13

List of Applicable Regulations

62-210.300, F.A.C

62-210.300(1), F.A.C

62-210.300(2), F.A.C

62-210.300(3), F.A.C

62-210.300(3)(a), F.A.C

62-210.300(3)(b), F.A.C

62-210.300(5), F.A.C

62-210.300(6), F.A.C

62-210.350, F.A.C

62-210.350(3), F.A.C

62-210.360, F.A.C

62-210.370(2), F.A.C

62-210.370(3), F.A.C

62-210.370(3)(a), F.A.C

Emissions Unit Information Section
Boiler Unit Number 2

4

List of Applicable Regulations

62-210.650, F.A.C

62-210.900, F.A.C

62-210.900(1), F.A.C

62-210.900(5), F.A.C

62-213.205, F.A.C

62-213.210, F.A.C

62-213.220, F.A.C

62-213.400, F.A.C

62-213.410, F.A.C

62-213.412, F.A.C

62-213.415, F.A.C

62-213.420, F.A.C

62-213.430, F.A.C

62-213.440, F.A.C

62-213.440(1)(b), F.A.C

III. Part 6b - 15

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

Emissions Unit Information Section
Boiler Unit Number 2

4

List of Applicable Regulations

62-213.460, F.A.C

62-213.900, F.A.C

62-213.900(1), F.A.C

62-256, F.A.C

62-257, F.A.C

62-281, F.A.C

62-296.320(2), F.A.C

62-296.320(3), F.A.C

62-296.320(4)(c), F.A.C

62-296.400, F.A.C

62-296.401(2), F.A.C - State Only; Not Federally Enforceable

62-296.416, F.A.C

62-296.500(1)(b), F.A.C

62-296.570(1), F.A.C

62-296.570(2), F.A.C.

III. Part 6b - 16

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

List of Applicable Regulations

62-296.570(3), F.A.C.

62-296.570(4)(a)4, F.A.C.

62-296.570(4)(b)9, F.A.C.

62-296.570(4)(c), F.A.C.

62-296.711, F.A.C.

62-297.310, F.A.C.

62-297.400, F.A.C.

62-297.401, F.A.C.

62-297.411, F.A.C.

62-297.412, F.A.C.

62-297.413, F.A.C.

62-297.415, F.A.C.

62-297.417, F.A.C.

62-297.420, F.A.C.

Emissions Unit Information Section

4

Boiler Unit Number 2

List of Applicable Regulations

62-297.520, F.A.C.

62-297.570, F.A.C.

62-297.620, F.A.C.

List of Applicable Regulations

62-210.700(1), F.A.C.

62-296.310(3)(b), F.A.C.

62-210.200, F.A.C.

62-210.700, F.A.C.

62-297.310(8), F.A.C.

62-297.310(7)(a)1, F.A.C.

62-297.310(7)(a)2, F.A.C.

62-297.310(7)(a)3, F.A.C.

62-297.310(7)(a)4, F.A.C.

62-297.310(7)(a)4, F.A.C.

62-297.310(7)(b), F.A.C.

62-297.310(6), F.A.C.

40 CFR 52.21 (All terms and conditions of DCRRF permit No. PSD-FL-006A)

40 CFR 60, Subpart A

Emissions Unit Information Section
Boiler Unit Number 3

5

List of Applicable Regulations

40 CFR 60, Subpart E

40 CFR 60, Subpart Ea

40 CFR 60, Appendix A

40 CFR 60, Appendix B

40 CFR 60, Appendix F

40 CFR 61

40 CFR 61, Subpart M

40 CFR 61, Appendix B

40 CFR 82

40 CFR 82, Subpart B

40 CFR 82, Subpart F

40 CFR 261.4(b)

62-4.030, F.A.C.

62-4.040, F.A.C

62-4.050, F.A.C

III. Part 6b - 20

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

Emissions Unit Information Section

5

Boiler Unit Number 3

List of Applicable Regulations

62-4.060, F.A.C

62-4.070, F.A.C

62-4.080, F.A.C.

62-4.090, F.A.C

62-4.100, F.A.C

62-4.110, F.A.C

62-4.120, F.A.C

62-4.130, F.A.C

62-4.150, F.A.C

62-4.160, F.A.C

62-4.210, F.A.C

62-4.220, F.A.C

62-17, F.A.C. (Special Air Conditions (Revised 3/2/94) of Site Certification NO. PA 77-08)

62-103.150, F.A.C

62-103.155, F.A.C

III. Part 6b - 21

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

Effective : 3-21-96

List of Applicable Regulations

62-210.300, F.A.C

62-210.300(1), F.A.C

62-210.300(2), F.A.C

62-210.300(3), F.A.C

62-210.300(3)(a), F.A.C

62-210.300(3)(b), F.A.C

62-210.300(5), F.A.C

62-210.300(6), F.A.C

62-210.350, F.A.C

62-210.350(3), F.A.C

62-210.360, F.A.C

62-210.370(2), F.A.C

62-210.370(3), F.A.C

62-210.370(3)(a), F.A.C

Emissions Unit Information Section

5

Boiler Unit Number 3

List of Applicable Regulations

62-210.650, F.A.C

62-210.900, F.A.C

62-210.900(1), F.A.C

62-210.900(5), F.A.C

62-213.205, F.A.C

62-213.210, F.A.C

62-213.220, F.A.C

62-213.400, F.A.C

62-213.410, F.A.C

62-213.412, F.A.C

62-213.415, F.A.C

62-213.420, F.A.C

62-213.430, F.A.C

62-213.440, F.A.C

62-213.440(1)(b), F.A.C

III. Part 6b - 23

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

Effective : 3-21-96

Emissions Unit Information Section
Boiler Unit Number 3

5

List of Applicable Regulations

62-213.460, F.A.C

62-213.900, F.A.C

62-213.900(1), F.A.C

62-256, F.A.C

62-257, F.A.C

62-281, F.A.C

62-296.320(2), F.A.C

62-296.320(3), F.A.C

62-296.320(4)(c), F.A.C

62-296.400, F.A.C

62-296.401(2), F.A.C - State Only; Not Federally Enforceable

62-296.416, F.A.C

62-296.500(1)(b), F.A.C

62-296.570(1), F.A.C

62-296.570(2), F.A.C.

III. Part 6b - 24

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

List of Applicable Regulations

62-296.570(3), F.A.C.

62-296.570(4)(a)4, F.A.C.

62-296.570(4)(b)9, F.A.C.

62-296.570(4)(c), F.A.C.

62-296.711, F.A.C.

62-297.310, F.A.C.

62-297.400, F.A.C.

62-297.401, F.A.C.

62-297.411, F.A.C.

62-297.412, F.A.C.

62-297.413, F.A.C.

62-297.415, F.A.C.

62-297.417, F.A.C.

62-297.420, F.A.C.

Emissions Unit Information Section
Boiler Unit Number 3

5

List of Applicable Regulations

62-297.520, F.A.C.

62-297.570, F.A.C.

62-297.620, F.A.C.

III. Part 6b - 26

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

List of Applicable Regulations

62-210.700(1), F.A.C.

62-296.310(3)(b), F.A.C.

62-210.200, F.A.C.

62-210.700, F.A.C.

62-297.310(8), F.A.C.

62-204.800(7)(b), F.A.C.

62-297.310(7)(a)1, F.A.C.

62-297.310(7)(a)2, F.A.C.

62-297.310(7)(a)3, F.A.C.

62-297.310(7)(a)4, F.A.C.

62-297.310(7)(b), F.A.C.

62-297.310(6), F.A.C.

40 CFR 52.21 (All terms and conditions of DCRRF permit No. PSD-FL-006A)

40 CFR 60, Subpart A

III. Part 6b - 27

Emissions Unit Information Section

6

Boiler Unit Number 4

List of Applicable Regulations

40 CFR 60, Subpart E

40 CFR 60, Subpart Ea

40 CFR 60, Appendix A

40 CFR 60, Appendix B

40 CFR 60, Appendix F

40 CFR 61

40 CFR 61, Subpart M

40 CFR 61, Appendix B

40 CFR 82

40 CFR 82, Subpart B

40 CFR 82, Subpart F

40 CFR 261.4(b)

62-4.030, F.A.C.

62-4.040, F.A.C

62-4.050, F.A.C

III. Part 6b - 28

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

Effective : 3-21-96

List of Applicable Regulations

62-4.060, F.A.C

62-4.070, F.A.C

62-4.080, F.A.C.

62-4.090, F.A.C

62-4.100, F.A.C

62-4.110, F.A.C

62-4.120, F.A.C

62-4.130, F.A.C

62-4.150, F.A.C

62-4.160, F.A.C

62-4.210, F.A.C

62-4.220, F.A.C

62-17, F.A.C. (Special Air Conditions (Revised 3/2/94) of Site Certification NO. PA 77-08)

62-103.150, F.A.C

62-103.155, F.A.C

III. Part 6b - 29

List of Applicable Regulations

62-210.300, F.A.C

62-210.300(1), F.A.C

62-210.300(2), F.A.C

62-210.300(3), F.A.C

62-210.300(3)(a), F.A.C

62-210.300(3)(b), F.A.C

62-210.300(5), F.A.C

62-210.300(6), F.A.C

62-210.350, F.A.C

62-210.350(3), F.A.C

62-210.360, F.A.C

62-210.370(2), F.A.C

62-210.370(3), F.A.C

62-210.370(3)(a), F.A.C

List of Applicable Regulations

62-210.650, F.A.C

62-210.900, F.A.C

62-210.900(1), F.A.C

62-210.900(5), F.A.C

62-213.205, F.A.C

62-213.210, F.A.C

62-213.220, F.A.C

62-213.400, F.A.C

62-213.410, F.A.C

62-213.412, F.A.C

62-213.415, F.A.C

62-213.420, F.A.C

62-213.430, F.A.C

62-213.440, F.A.C

62-213.440(1)(b), F.A.C

III. Part 6b - 31

List of Applicable Regulations

62-213.460, F.A.C

62-213.900, F.A.C

62-213.900(1), F.A.C

62-256, F.A.C

62-257, F.A.C

62-281, F.A.C

62-296.320(2), F.A.C

62-296.320(3), F.A.C

62-296.320(4)(c), F.A.C

62-296.400, F.A.C

62-296.401(2), F.A.C - State Only; Not Federally Enforceable

62-296.416, F.A.C

62-296.500(1)(b), F.A.C

62-296.570(1), F.A.C

62-296.570(2), F.A.C.

III. Part 6b - 32

List of Applicable Regulations

62-296.570(3), F.A.C.

62-296.570(4)(a)4, F.A.C.

62-296.570(4)(b)9, F.A.C.

62-296.570(4)(c), F.A.C.

62-296.711, F.A.C.

62-297.310, F.A.C.

62-297.400, F.A.C.

62-297.401, F.A.C.

62-297.411, F.A.C.

62-297.412, F.A.C.

62-297.413, F.A.C.

62-297.415, F.A.C.

62-297.417, F.A.C.

62-297.420, F.A.C.

Emissions Unit Information Section
Boiler Unit Number 4

6

List of Applicable Regulations

62-297.520, F.A.C.

62-297.570, F.A.C.

62-297.620, F.A.C.

III. Part 6b - 34

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

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 1

Boiler Unit Number 1

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SB1-1		
2. Emission Point Type Code :	1		
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking : (limit to 100 characters per point) The existing common stack will be replaced w/ a dual flue stack (EUB-1 & 2) in the upgrade project.			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	N/A		
5. Discharge Type Code :	V		
6. Stack Height :	250	feet	
7. Exit Diameter :	8.5	feet	
8. Exit Temperature :	270	°F	
9. Actual Volumetric Flow Rate :	177200	acfm	
10. Percent Water Vapor :	14.90	%	
11. Maximum Dry Standard Flow Rate :	109054	dscfm	
12. Nonstack Emission Point Height :	feet		
13. Emission Point UTM Coordinates :			
Zone :	17	East (km) :	564.483 North (km) : 2857.558
14. Emission Point Comment :	The provided stack information corresponds to the upgrade project. Preliminary design information provided for items #8 through #11. As-built information or test data not yet available.		

III. Part 7a - 1

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 3

Ash Handling

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	S-AH-1
2. Emission Point Type Code :	1
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking : (limit to 100 characters per point) Ash silo baghouse and ash conditioning reagent baghouse being added in Upgrade Project.	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	
5. Discharge Type Code :	P
6. Stack Height :	85 feet
7. Exit Diameter :	feet
8. Exit Temperature :	77 °F
9. Actual Volumetric Flow Rate :	acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	85 feet
13. Emission Point UTM Coordinates :	
Zone : 17	East (km) : 564.400 North (km) : 2857.558
14. Emission Point Comment :	
The provided information corresponds to the upgrade project. Preliminary data are provided although final design data is not yet available.	

III. Part 7a - 2

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section

4

Boiler Unit Number 2

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SB2-1
2. Emission Point Type Code :	1
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking : (limit to 100 characters per point) The existing common stack will be replaced w/ a dual flue stack (EUB-1 & 2) in the upgrade project.	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	N/A
5. Discharge Type Code :	V
6. Stack Height :	250 feet
7. Exit Diameter :	8.5 feet
8. Exit Temperature :	270 °F
9. Actual Volumetric Flow Rate :	177200 acfm
10. Percent Water Vapor :	14.90 %
11. Maximum Dry Standard Flow Rate :	109054 dscfm
12. Nonstack Emission Point Height :	feet
13. Emission Point UTM Coordinates :	
Zone : 17	East (km) : 564.483 North (km) : 2857.558
14. Emission Point Comment :	The provided stack information corresponds to the upgrade project. Preliminary design information provided for items #8 through #11. As-built information or test data not yet available.

III. Part 7a - 3

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

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 5

Boiler Unit Number 3

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SB3-1	
2. Emission Point Type Code :	1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking : (limit to 100 characters per point) The existing common stack will be replaced w/ a dual flue stack (EUB-3 & 4) in the upgrade project.		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	N/A	
5. Discharge Type Code :	V	
6. Stack Height :	250	feet
7. Exit Diameter :	8.5	feet
8. Exit Temperature :	270	°F
9. Actual Volumetric Flow Rate :	177200	acfm
10. Percent Water Vapor :	14.90	%
11. Maximum Dry Standard Flow Rate :	109054	dscfm
12. Nonstack Emission Point Height :	feet	
13. Emission Point UTM Coordinates :		
Zone :	17	East (km) : 564.483 North (km) : 2857.558
14. Emission Point Comment :	The provided stack information corresponds to the upgrade project. Preliminary design information provided for items #8 through #11. As-built information or test data not yet available.	

III. Part 7a - 4

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 6

Boiler Unit Number 4

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SB4-1
2. Emission Point Type Code :	1
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking : (limit to 100 characters per point) The existing common stack will be replaced w/ a dual flue stack (EUB-3 & 4) in the upgrade project.	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	N/A
5. Discharge Type Code :	V
6. Stack Height :	250 feet
7. Exit Diameter :	8.5 feet
8. Exit Temperature :	270 °F
9. Actual Volumetric Flow Rate :	177200 acfm
10. Percent Water Vapor :	14.90 %
11. Maximum Dry Standard Flow Rate :	109054 dscfm
12. Nonstack Emission Point Height :	feet
13. Emission Point UTM Coordinates : Zone : 17 East (km) : 564.483 North (km) : 2857.558	
14. Emission Point Comment : The provided stack information corresponds to the upgrade project. Preliminary design information provided for items #8 through #11. As-built information or test data not yet available.	

III. Part 7a - 5

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SRDF1,2,3,4,5,6,7&8
2. Emission Point Type Code :	3
3. Descriptions of Emission Points Comprising this Emissions Unit :	SRDF1 is a 5 ft dia. vent above the 17 ft dia. trash baghouse w/25000 scfm from shredders & process.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Not Applicable.
5. Discharge Type Code :	W
6. Stack Height :	feet
7. Exit Diameter :	feet
8. Exit Temperature :	77 °F
9. Actual Volumetric Flow Rate :	acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	55 feet
13. Emission Point UTM Coordinates :	Zone : 17 East (km) : 564.580 North (km) : 2,857.422
14. Emission Point Comment :	Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone 17, 564.503 E & 2857.370 N. The combined flow rates for points 1-4 and 5-8 after biomass are 113000 acfm & 53,000 ascfm, respect.

III. Part 7b - 1

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SRDF1,2,3,4,5,6,7&8
2. Emission Point Type Code :	3
3. Descriptions of Emission Points Comprising this Emissions Unit :	SRDF2 is a 5 ft dia. vent above the 17 ft dia. trash baghouse w/25000 scfm from shredders & process.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Not Applicable.
5. Discharge Type Code :	W
6. Stack Height :	feet
7. Exit Diameter :	feet
8. Exit Temperature :	77 °F
9. Actual Volumetric Flow Rate :	acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	55 feet
13. Emission Point UTM Coordinates :	Zone : 17 East (km) : 564.580 North (km) : 2,857.422
14. Emission Point Comment :	Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone 17, 564.503 E & 2857.370 N. The combined flow rates for points 1-4 and 5-8 after biomass are 113000 acfm & 53,000 ascfm, respect.

III. Part 7b - 2

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SRDF1,2,3,4,5,6,7&8
2. Emission Point Type Code :	3
3. Descriptions of Emission Points Comprising this Emissions Unit :	SRDF3 is a 5 ft dia. vent above the 17 ft dia. trash baghouse w/28000 scfm from biomass trommels.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Not Applicable.
5. Discharge Type Code :	W
6. Stack Height :	feet
7. Exit Diameter :	feet
8. Exit Temperature :	77 °F
9. Actual Volumetric Flow Rate :	acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	55 feet
13. Emission Point UTM Coordinates :	Zone : 17 East (km) : 564.580 North (km) : 2,857.422
14. Emission Point Comment :	Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone 17, 564.503 E & 2857.370 N. The combined flow rates for points 1-4 and 5-8 after biomass are 113000 acfm & 53,000 ascfm, respect.

III. Part 7b - 3

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SRDF1,2,3,4,5,6,7&8
2. Emission Point Type Code :	3
3. Descriptions of Emission Points Comprising this Emissions Unit :	SRDF4 is a 5 ft dia. vent above the 19 ft dia. trash baghouse w/42000 scfm from biomass trommels.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Not Applicable.
5. Discharge Type Code :	W
6. Stack Height :	feet
7. Exit Diameter :	feet
8. Exit Temperature :	77 °F
9. Actual Volumetric Flow Rate :	acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	55 feet
13. Emission Point UTM Coordinates :	Zone : 17 East (km) : 564.580 North (km) : 2,857.422
14. Emission Point Comment :	Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone 17, 564.503 E & 2857.370 N. The combined flow rates for points 1-4 and 5-8 after biomass are 113000 acfm & 53,000 ascfm, respect.

III. Part 7b - 4

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SRDF1,2,3,4,5,6,7&8
2. Emission Point Type Code :	3
3. Descriptions of Emission Points Comprising this Emissions Unit :	SRDF5 is a 2 ft dia. vent above the 11.5 ft dia. trash baghouse w/20000 scfm from shredders.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Not Applicable.
5. Discharge Type Code :	W
6. Stack Height :	feet
7. Exit Diameter :	feet
8. Exit Temperature :	77 °F
9. Actual Volumetric Flow Rate :	acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	55 feet
13. Emission Point UTM Coordinates :	Zone : 17 East (km) : 564.580 North (km) : 2,857.422
14. Emission Point Comment :	Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone 17, 564.503 E & 2857.370 N. The combined flow rates for points 1-4 and 5-8 after biomass are 113000 acfm & 53,000 ascfm, respect.

III. Part 7b - 5

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SRDF1,2,3,4,5,6,7&8
2. Emission Point Type Code :	3
3. Descriptions of Emission Points Comprising this Emissions Unit :	SRDF6 is a 2 ft dia. vent above the 11.5 ft dia. trash baghouse w/20000 scfm from shredders.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Not Applicable.
5. Discharge Type Code :	W
6. Stack Height :	feet
7. Exit Diameter :	feet
8. Exit Temperature :	77 °F
9. Actual Volumetric Flow Rate :	acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	55 feet
13. Emission Point UTM Coordinates :	Zone : 17 East (km) : 564.580 North (km) : 2,857.422
14. Emission Point Comment :	Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone 17, 564.503 E & 2857.370 N. The combined flow rates for points 1-4 and 5-8 after biomass are 113000 acfm & 53,000 ascfm, respect.

III. Part 7b - 6

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SRDF1,2,3,4,5,6,7&8
2. Emission Point Type Code :	3
3. Descriptions of Emission Points Comprising this Emissions Unit :	SRDF7 is a 2 ft dia. vent above the 13.7 ft dia. trash baghouse w/33000 scfm from process points.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Not Applicable.
5. Discharge Type Code :	W
6. Stack Height :	feet
7. Exit Diameter :	feet
8. Exit Temperature :	77 °F
9. Actual Volumetric Flow Rate :	acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	55 feet
13. Emission Point UTM Coordinates :	Zone : 17 East (km) : 564.580 North (km) : 2,857.422
14. Emission Point Comment :	Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone 17, 564.503 E & 2857.370 N. The combined flow rates for points 1-4 and 5-8 after biomass are 113000 acfm & 53,000 ascfm, respect.

III. Part 7b - 7

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	SRDF1,2,3,4,5,6,7&8
2. Emission Point Type Code :	3
3. Descriptions of Emission Points Comprising this Emissions Unit :	SRDF8 is a 2 ft dia. vent above the 13.7 ft dia. trash baghouse w/33000 scfm from process points.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Not Applicable.
5. Discharge Type Code :	W
6. Stack Height :	feet
7. Exit Diameter :	feet
8. Exit Temperature :	77 °F
9. Actual Volumetric Flow Rate :	acfm
10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate :	dscfm
12. Nonstack Emission Point Height :	55 feet
13. Emission Point UTM Coordinates :	Zone : 17 East (km) : 564.580 North (km) : 2,857.422
14. Emission Point Comment :	Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone 17, 564.503 E & 2857.370 N. The combined flow rates for points 1-4 and 5-8 after biomass are 113000 acfm & 53,000 ascfm, respect.

III. Part 7b - 8

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 1

Boiler Unit Number 1

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Combustion of refused derived fuel.	
2. Source Classification Code (SCC) : 5-01-001-03	
3. SCC Units : Tons Processed	
4. Maximum Hourly Rate : 33	5. Maximum Annual Rate : 287,556
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur :	8. Maximum Percent Ash :
9. Million Btu per SCC Unit : 0	
10. Segment Comment : Item 9 is 0.0056. The normal operating method will be the combustion of refuse derived fuel, including garbage, trash, tires, etc.	

III. Part 8 - 1

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 1

Boiler Unit Number 1

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Combustion of auxiliary propane in boilers.	
2. Source Classification Code (SCC) : 5-01-900-10	
3. SCC Units : Gallons Used	
4. Maximum Hourly Rate : 900	5. Maximum Annual Rate : 6,100,000
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0	8. Maximum Percent Ash :
9. Million Btu per SCC Unit : 0	
10. Segment Comment : Propane is combusted in boilers at startup to reach appropriate temperature. Item 7 is 0.012%. Item 9 is 90800 Btu/gal. Max. hourly rate at 80 mmBtu/hr, max. annual rate <20% total heat input.	

III. Part 8 - 2

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 3

Ash Handling

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Not Applicable	
2. Source Classification Code (SCC) :	
3. SCC Units :	
4. Maximum Hourly Rate :	5. Maximum Annual Rate :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur :	8. Maximum Percent Ash :
9. Million Btu per SCC Unit :	
10. Segment Comment :	

III. Part 8 - 3

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

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Not Applicable	
2. Source Classification Code (SCC) :	
3. SCC Units :	
4. Maximum Hourly Rate :	5. Maximum Annual Rate :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur :	8. Maximum Percent Ash :
9. Million Btu per SCC Unit :	
10. Segment Comment :	

III. Part 8 - 4

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

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 4

Boiler Unit Number 2

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Combustion of refused derived fuel.	
2. Source Classification Code (SCC) : 5-01-001-03	
3. SCC Units : Tons Processed	
4. Maximum Hourly Rate : 33	5. Maximum Annual Rate : 287,556
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur :	8. Maximum Percent Ash :
9. Million Btu per SCC Unit : 0	
10. Segment Comment : Item 9 is 0.0056. The normal operating method will be the combustion of refuse derived fuel, including garbage, trash, tires, etc.	

III. Part 8 - 5

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

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 4

Boiler Unit Number 2

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Combustion of auxiliary propane in boilers.	
2. Source Classification Code (SCC) : 5-01-900-10	
3. SCC Units : Gallons Used	
4. Maximum Hourly Rate : 900	5. Maximum Annual Rate : 6,100,000
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0	8. Maximum Percent Ash :
9. Million Btu per SCC Unit : 0	
10. Segment Comment : Propane is combusted in boilers at startup to reach appropriate temperature. Item 7 is 0.012%. Item 9 is 90800 Btu/gal. Max. hourly rate at 80 mmBtu/hr, max. annual rate <20% total heat input.	

III. Part 8 - 6

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

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 5

Boiler Unit Number 3

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Combustion of refused derived fuel.	
2. Source Classification Code (SCC) : 5-01-001-03	
3. SCC Units : Tons Processed	
4. Maximum Hourly Rate : 33	5. Maximum Annual Rate : 287,556
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur :	8. Maximum Percent Ash :
9. Million Btu per SCC Unit : 0	
10. Segment Comment : Item 9 is 0.0056. The normal operating method will be the combustion of refuse derived fuel, including garbage, trash, tires, etc.	

III. Part 8 - 7

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 5

Boiler Unit Number 3

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Combustion of auxiliary propane in boilers.	
2. Source Classification Code (SCC) : 5-01-900-10	
3. SCC Units : Gallons Used	
4. Maximum Hourly Rate : 900	5. Maximum Annual Rate : 6,100,000
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0	8. Maximum Percent Ash :
9. Million Btu per SCC Unit : 0	
10. Segment Comment : Propane is combusted in boilers at startup to reach appropriate temperature. Item 7 is 0.012%. Item 9 is 90800 Btu/gal. Max. hourly rate at 80 mmBtu/hr, max. annual rate <20% total heat input.	

III. Part 8 - 8

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 6

Boiler Unit Number 4

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Combustion of refused derived fuel.	
2. Source Classification Code (SCC) : 5-01-001-03	
3. SCC Units : Tons Processed	
4. Maximum Hourly Rate : 33	5. Maximum Annual Rate : 287,556
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur :	8. Maximum Percent Ash :
9. Million Btu per SCC Unit : 0	
10. Segment Comment : Item 9 is 0.0056. The normal operating method will be the combustion of refuse derived fuel, including garbage, trash, tires, etc.	

III. Part 8 - 9

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

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 6

Boiler Unit Number 4

Segment Description and Rate : Segment 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Combustion of auxiliary propane in boilers.	
2. Source Classification Code (SCC) : 5-01-900-10	
3. SCC Units : Gallons Used	
4. Maximum Hourly Rate : 900	5. Maximum Annual Rate : 6,100,000
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 0	8. Maximum Percent Ash :
9. Million Btu per SCC Unit : 0	
10. Segment Comment : Propane is combusted in boilers at startup to reach appropriate temperature. Item 7 is 0.012%. Item 9 is 90800 Btu/gal. Max. hourly rate at 80 mmBtu/hr, max. annual rate <20% total heat input.	

III. Part 8 - 10

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

Emissions Unit Information Section 1

Boiler Unit Number 1

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
1 - CO	025		EL
2 - PB	016	067	EL
3 - NOX	025		EL
4 - PM	016	009	EL
5 - PM10	016	009	EL
6 - SO2	067	016	EL
7 - VOC	025		EL
8 - DIOX	016	067	EL
9 - FL	067	016	EL
10 - HCL	067	016	EL
11 - SAM	067	016	EL
12 - H015	067	016	EL

III. Part 9a - 1

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

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

Emissions Unit Information Section 1

Boiler Unit Number 1

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
13 - H021	067	016	EL
14 - H114	099	016	EL
15 - H113	067	016	NS
16 - H027	067	016	EL

III. Part 9a - 2

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

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

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
1 - PM	017		EL
2 - PM10	017		EL

III. Part 9a - 3

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

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

Emissions Unit Information Section 3

Ash Handling

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
1 - PM	016	061	EL

III. Part 9a - 4

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

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

Emissions Unit Information Section 4

Boiler Unit Number 2

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
1 - CO	025		EL
2 - PB	016	067	EL
3 - NOX	025		EL
4 - PM	016	009	EL
5 - PM10	016	009	EL
6 - SO2	067	016	EL
7 - VOC	025		EL
8 - DIOX	016	067	EL
9 - FL	067	016	EL
10 - HCL	067	016	EL
11 - SAM	067	016	EL
12 - H015	067	016	EL

III. Part 9a - 5

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

Emissions Unit Information Section 4
Boiler Unit Number 2

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
13 - H021	067	016	EL
14 - H114	099	016	EL
15 - H113	067	016	NS
16 - H027	067	016	EL

III. Part 9a - 6

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

Emissions Unit Information Section 5

Boiler Unit Number 3

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
1 - CO	025		EL
2 - PB	016	067	EL
3 - NOX	025		EL
4 - PM	016	009	EL
5 - PM10	016	009	EL
6 - SO2	067	016	EL
7 - VOC	025		EL
8 - DIOX	016	067	EL
9 - FL	067	016	EL
10 - HCL	067	016	EL
11 - SAM	067	016	EL
12 - H015	067	016	EL

III. Part 9a - 7

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

Emissions Unit Information Section 5

Boiler Unit Number 3

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
13 - H021	067	016	EL
14 - H114	099	016	EL
15 - H113	067	016	NS
16 - H027	067	016	EL

III. Part 9a - 8

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

Emissions Unit Information Section 6

Boiler Unit Number 4

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
1 - CO	025		EL
2 - PB	016	067	EL
3 - NOX	025		EL
4 - PM	016	009	EL
5 - PM10	016	009	EL
6 - SO2	067	016	EL
7 - VOC	025		EL
8 - DIOX	016	067	EL
9 - FL	067	016	EL
10 - HCL	067	016	EL
11 - SAM	067	016	EL
12 - H015	067	016	EL

III. Part 9a - 9

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

Emissions Unit Information Section 6

Boiler Unit Number 4

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
13 - H021	067	016	EL
14 - H114	099	016	EL
15 - H113	067	016	NS
16 - H027	067	016	EL

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

Emissions Unit Information Section 1

Boiler Unit Number 1

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted : CO			
2. Total Percent Efficiency of Control : 0 %			
3. Potential Emissions :			
61	lb/hour	268	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			
4		0	tons/year
6. Emissions Factor :			
Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
$0.202 \text{ lb/mmBtu} * 302.4 \text{ mmBtu/hr} = 61.1 \text{ lb/hr}$ $61.1 \text{ lb/hr} * 8,760 \text{ hr/yr} / 2,000 \text{ lb/ton} = 268 \text{ TPY}$			
9. Pollutant Potential/Estimated Emissions Comment :			
Item 6 is .202 lb/mmBtu (Conditions of Certification PA 77-08 limit of 200 ppmvd @7% O2 on a 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

III. Part 9b - 1

Emissions Unit Information Section 1

Boiler Unit Number 1

1. Pollutant Emitted : PB			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions : 0 lb/hour 0 tons/year			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : $0.000331 \text{ lb/mmBtu} * 302.4 \text{ mmBtu/hr} = 0.10 \text{ lb/hr}$ $0.10 \text{ lb/hr} * 8,760 \text{ hr/yr} / 2,000 \text{ lb/ton} = 0.44 \text{ TPY}$			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .000331 lb/mmBtu (Conditions of Certification PA 77-08 limit of 380 ug/m3 @7% O2 on a 24-hr daily ave.). Item 2 is based on an assumed control efficiency of fabric filter for PM.			

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

Emissions Unit Information Section 1

Boiler Unit Number 1

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted : PM			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">7 lb/hour 29 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 1 <div style="text-align: right; padding-right: 50px;">1 to 5 tons/year</div>			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.2444 lb/ton * 27 tons/hr = 6.60 lb/hr 6.60 lb/hr * 8,760 hrs / 2,000 lbs/ton = 29 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .2444 lb/ton. Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

III. Part 9b - 4

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

Emissions Unit Information Section 1

Boiler Unit Number 1

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted : PM10			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">7 lb/hour 29 tons/year</div>			
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions: 1 1 to 5 tons/year			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.2444lb/ton * 27 ton/hr = 6.60lb/hr 6.60lb/hr * 8,760 hr/yr / 2,000lb/ton = 29 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .2444 lb/ton. Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

III. Part 9b - 5

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted : SO2			
2. Total Percent Efficiency of Control : 70 %			
3. Potential Emissions :			
49	lb/hour	214	tons/year
4. Synthetically Limited?			
[] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			
4			
0		to 1	tons/year
6. Emissions Factor :			
Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
0.16 lb/mmBtu * 304.2 mmBtu/hr = 48.9 lb/hr			
48.9 lb/hr * 8,760 hr/yr / 2,000 lb/ton= 214.2 TPY			
9. Pollutant Potential/Estimated Emissions Comment :			
Item 6 is .16 lb/mmBtu (Conditions of Certification PA 77-08 limit of 30 ppmv @7% O2 on a 24-hr daily ave.).			
Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

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

Emissions Unit Information Section 1

Boiler Unit Number 1

Pollutant Potential/Estimated Emissions : Pollutant 7

1. Pollutant Emitted : VOC			
2. Total Percent Efficiency of Control : 0 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">4 lb/hour 19 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.0145lb/mmBtu * 302.4 mmBtu/hr = 4.37lb/hr 4.37lb/hr * 8,760 hr/yr / 2,000 lb/ton = 19.1TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .0145 lb/mmBtu (Conditions of Certification PA 77-08 limit of 25 ppmvd @7% O2 on a 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

III. Part 9b - 7

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

Emissions Unit Information Section 1

Boiler Unit Number 1

Pollutant Potential/Estimated Emissions : Pollutant 9

1. Pollutant Emitted : FL			
2. Total Percent Efficiency of Control : 90 %			
3. Potential Emissions : 0 lb/hour 1 tons/year			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : $0.00073 \text{ lb/mmBtu} * 302.4 \text{ mmBtu/hr} = 0.2208 \text{ lb/hr}$ $0.2208 \text{ lb/hr} * 8,760 \text{ hr/yr} / 2,000 \text{ lb/ton} = 0.97 \text{ TPY}$			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is 7.3E-4 lb/mmBtu (Conditions of Certification PA 77-08 limit of 840 ug/m3 @7% O2 on 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

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

Emissions Unit Information Section 1

Boiler Unit Number 1

Pollutant Potential/Estimated Emissions : Pollutant 13

1. Pollutant Emitted : H021			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">0 lb/hour 0 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 <div style="text-align: right; padding-right: 50px;">0 to 1 tons/year</div>			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.0000004lb/MMBtu * 302.4 MMBtu/hr = .00012lb/hr .00012lb/hr * 8760 hr/yr / 2000 lb/ton = .0005TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is 4.0E-7 lb/mmBtu. Item 2 is based on control efficiency of fabric filter for PM for Be.			

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

Emissions Unit Information Section 1

Boiler Unit Number 1

Pollutant Potential/Estimated Emissions : Pollutant 16

1. Pollutant Emitted : H027			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">0 lb/hour 0 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 <div style="text-align: right; padding-right: 50px;">0 to 1 tons/year</div>			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : <div style="font-family: monospace; font-size: 0.9em; padding: 5px;">177200ft3/min *(68+460)/(270+460)*(1-1.49)=109100 SDCFM 109100 SDCFM* .0283 m3/ft3*1lb/453.6 g*1g/1000 mg*.003 mg/m3 * 60min/hr = .00612 lb/hr .00612 lb/hr * 8760 hr/ year / 2000 lb/ton = .0268 TPY</div>			
9. Pollutant Potential/Estimated Emissions Comment : <div style="padding: 5px;">Item 6 is .003 mg/m3. Emission factor is AP-42 Item 2 is based on assumed control efficiency of fabric filter for PM. Cadmium was not included in SCA.</div>			

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

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted : PM			
2. Total Percent Efficiency of Control :	99	%	
3. Potential Emissions :	19	lb/hour	82 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:	2		
	5	to 25	tons/year
6. Emissions Factor : Reference : 62-296.711(2)(b)			
7. Emissions Method Code : 5			
8. Calculations of Emissions : $53,000 \cdot .02 + 113,000 \cdot .01 \text{cfm} \cdot .00858 = 18.8 \text{ lb/hour}$ $18.8 \text{ lb/hr} \cdot 8760 \text{ hr/yr} / 2000 \text{ lb/ton} = 82.34 \text{ TPY}$			
9. Pollutant Potential/Estimated Emissions Comment : There are two sets of four baghouses in the RDF facility. One set emits 53,000 dscfm or 9.1 lb/hr and the other is 113,000 or 9.7 lb/hr for a total emission rate of 18.8 lb/hr. Opacity shall not exceed 5% for biomass.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Emissions Unit Information Section 2

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted : PM10				
2. Total Percent Efficiency of Control : 99 %				
3. Potential Emissions : 19 lb/hour 82 tons/year				
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emissions: 2 5 to 25 tons/year				
6. Emissions Factor : Reference : 62-296.711(2)(b)				
7. Emissions Method Code : 5				
8. Calculations of Emissions : 53,000*.02+113,000*.01cfm * .00858 = 18.8 lb/hour 18.8 lb/hr * 8760 hr/yr / 2000 lb/ton = 82.34 TPY				
9. Pollutant Potential/Estimated Emissions Comment : There are two sets of four baghouses in the RDF facility. One set emits 53,000 dscfm or 9.1 lb/hr and the other is 113,000 dscfm or 9.7 lb/hour for a total emission rate of 18.8 lb/hour.				

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

Emissions Unit Information Section 3

Ash Handling

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted : PM			
2. Total Percent Efficiency of Control : 100 %			
3. Potential Emissions :			
1	lb/hour	2	tons/year
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			
1	1	to 5	tons/year
6. Emissions Factor :			
Reference : PA-77-08			
7. Emissions Method Code :			
8. Calculations of Emissions :			
$2000\text{dscfm} * 0.03\text{gr/dscf} * .00858 = 0.5148 \text{ lb/hr}$ $(0.5148 \text{ lb/hr} * 8760 \text{ hr/yr})/2000\text{lb/ton} = 2.25 \text{ TPY}$			
9. Pollutant Potential/Estimated Emissions Comment :			
Opacity shall not exceed 5% for ash silo baghouse.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Emissions Unit Information Section 4

Boiler Unit Number 2

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted : CO			
2. Total Percent Efficiency of Control : 0 %			
3. Potential Emissions : 61 lb/hour 268 tons/year			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.202 lb/mmBtu * 302.4 mmBtu/hr = 61.1 lb/hr 61.1 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 268 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .202 lb/mmBtu (Conditions of Certification PA 77-08 limit of 200 ppmvd @7% O2 on a 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Pollutant Potential/Estimated Emissions : Pollutant 3

1. Pollutant Emitted : NOX				
2. Total Percent Efficiency of Control : 0 %				
3. Potential Emissions :				
	140	lb/hour	615	tons/year
4. Synthetically Limited?				
	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive/Other Emissions:				
	4			
	0	to	1	tons/year
6. Emissions Factor :				
	Reference : PA 77-08			
7. Emissions Method Code : 0				
8. Calculations of Emissions :				
0.464 lb/mmBtu * 302.4 mmBtu/hr = 140.31 lb/hr 140.31 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 615 TPY				
9. Pollutant Potential/Estimated Emissions Comment :				
Item 6 is .5 lb/mmBtu (Conditions of Certification PA 77-08 limit of 280 ppmvd @7% O2 on a 24-hr daily ave.). MACT standards will lower to 250 ppm. Item 2 is based upon design conditions, actual efficiency is concentration dependent.				

(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted : PM			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions :			
7		lb/hour	29 tons/year
4. Synthetically Limited?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:			
1		to 5	tons/year
6. Emissions Factor :			
Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
<p>0.2444 lb/ton * 27 tons/hr = 6.60 lb/hr</p> <p>6.60 lb/hr * 8,760 hrs / 2,000 lbs/ton = 29 TPY</p>			
9. Pollutant Potential/Estimated Emissions Comment :			
<p>Item 6 is .2444 lb/ton.</p> <p>Item 2 is based upon design conditions, actual efficiency is concentration dependent.</p>			

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

Emissions Unit Information Section 4

Boiler Unit Number 2

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted : PM10			
2. Total Percent Efficiency of Control :	99	%	
3. Potential Emissions :	7	lb/hour	29 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:	1		
	1	to 5	tons/year
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : $0.2444\text{lb/ton} * 27\text{ ton/hr} = 6.60\text{lb/hr}$ $6.60\text{lb/hr} * 8,760\text{ hr/yr} / 2,000\text{lb/ton} = 29\text{ TPY}$			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .2444 lb/ton. Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

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

Emissions Unit Information Section 4

Boiler Unit Number 2

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted : SO ₂			
2. Total Percent Efficiency of Control : 70 %			
3. Potential Emissions :			
49	lb/hour	214	tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:			
4		to 1	tons/year
0			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.16 lb/mmBtu * 304.2 mmBtu/hr = 48.9 lb/hr 48.9 lb/hr * 8,760 hr/yr / 2,000 lb/ton= 214.2 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .16 lb/mmBtu (Conditions of Certification PA 77-08 limit of 30 ppmv @7% O ₂ on a 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

III. Part 9b - 25

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

Emissions Unit Information Section 4

Boiler Unit Number 2

Pollutant Potential/Estimated Emissions : Pollutant 7

1. Pollutant Emitted : VOC			
2. Total Percent Efficiency of Control : 0 %			
3. Potential Emissions : <div style="display: flex; justify-content: space-between; padding: 0 10px;">4 lb/hour 19 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : <div style="margin-top: 10px;">$0.0145 \text{ lb/mmBtu} * 302.4 \text{ mmBtu/hr} = 4.37 \text{ lb/hr}$$4.37 \text{ lb/hr} * 8,760 \text{ hr/yr} / 2,000 \text{ lb/ton} = 19.1 \text{ TPY}$</div>			
9. Pollutant Potential/Estimated Emissions Comment : <div style="margin-top: 10px;"><p>Item 6 is .0145 lb/mmBtu (Conditions of Certification PA 77-08 limit of 25 ppmvd @7% O2 on a 24-hr daily ave.).</p><p>Item 2 is based upon design conditions, actual efficiency is concentration dependent.</p></div>			

III. Part 9b - 26

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Pollutant Potential/Estimated Emissions : Pollutant 8

1. Pollutant Emitted : DIOX			
2. Total Percent Efficiency of Control : 90 %			
3. Potential Emissions : <div style="display: flex; justify-content: space-between; width: 100%;"> 0 lb/hour 0 tons/year </div>			
4. Synthetically Limited? <div style="display: flex; justify-content: space-between; width: 100%;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div>			
5. Range of Estimated Fugitive/Other Emissions: 4 <div style="display: flex; justify-content: space-between; width: 100%;"> 0 to 1 tons/year </div>			
6. Emissions Factor : <div style="display: flex; justify-content: space-between; width: 100%;"> Reference : PA 77-08 </div>			
7. Emissions Method Code : 0			
8. Calculations of Emissions : <div style="margin-left: 40px;"> 0.0000000528lb/mmBtu * 302.4 mmBtu/hr = 0.000016lb/hr 0.000016lb/hr * 8,760 hr/yr / 2,000 lb/ton = 0.000069TPY </div>			
9. Pollutant Potential/Estimated Emissions Comment : <div style="margin-left: 40px;"> Item 6 is 5.28E-8 lb/mmBtu (Conditions of Certification PA 77-08 limit of 60 ng/scm @7% O2 on 24-hr daily ave). Item 2 is based upon design conditions, actual efficiency is concentrations dependent. </div>			

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

Emissions Unit Information Section 4
Boiler Unit Number 2

Pollutant Potential/Estimated Emissions : Pollutant 14

1. Pollutant Emitted : H114			
2. Total Percent Efficiency of Control : 80 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">0 lb/hour 0 tons/year</div>			
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions: 4 <div style="text-align: right; padding-right: 50px;">0 to 1 tons/year</div>			
6. Emissions Factor : Reference : KBN Report, 1993			
7. Emissions Method Code : 0			
8. Calculations of Emissions : .000061 lb/mmBtu * 302.4 mmMBtu/hr = .018 lb/hr .018 lb/hr * 8760 hr/yr / 2000 lb/ton = .08 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is 6.1E-5 lb/mmBtu. for Hg. Item 2 is based upon design conditions, actual efficiency is concentrations dependent.			

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

Emissions Unit Information Section 4

Pollutant Potential/Estimated Emissions : Pollutant 15

1. Pollutant Emitted : H113			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions : <div style="display: flex; justify-content: space-between; width: 100%;"> 0 lb/hour 1 tons/year </div>			
4. Synthetically Limited? <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div>			
5. Range of Estimated Fugitive/Other Emissions: 4 <div style="display: flex; justify-content: space-between; width: 100%;"> 0 to 1 tons/year </div>			
6. Emissions Factor : Reference : KBN Report 1993			
7. Emissions Method Code : 5			
8. Calculations of Emissions : .01 lb/ton*27 ton/hr=.27 lb/hr .27 lb/hr*8760 hr/yr/2000 lb/ton			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .01 lb/ton. Item 2 is based on assumed control efficiency of fabric filter for PM. Manganese is not a permitted pollutant for this facility.			

1. Pollutant Emitted : CO			
2. Total Percent Efficiency of Control : 0 %			
3. Potential Emissions : 61 lb/hour 268 tons/year			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.202 lb/mmBtu * 302.4 mmBtu/hr = 61.1 lb/hr 61.1 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 268 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .202 lb/mmBtu (Conditions of Certification PA 77-08 limit of 200 ppmvd @7% O2 on a 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 5

Boiler Unit Number 3

Pollutant Potential/Estimated Emissions : Pollutant 3

1. Pollutant Emitted : NOX			
2. Total Percent Efficiency of Control : 0 %			
3. Potential Emissions :			
140	lb/hour	615	tons/year
4. Synthetically Limited?			
[] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			
4			
0		to 1	tons/year
6. Emissions Factor :			
Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
0.464 lb/mmBtu * 302.4 mmBtu/hr = 140.31 lb/hr 140.31 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 615 TPY			
9. Pollutant Potential/Estimated Emissions Comment :			
Item 6 is .5 lb/mmBtu (Conditions of Certification PA 77-08 limit of 280 ppmvd @7% O2 on a 24-hr daily ave.). MACT standards will lower to 250 ppm. Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

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

Emissions Unit Information Section 5

Boiler Unit Number 3

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted : PM			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">7 lb/hour 29 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 1 <div style="text-align: right; padding-right: 50px;">1 to 5 tons/year</div>			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.2444 lb/ton * 27 tons/hr = 6.60 lb/hr 6.60 lb/hr * 8,760 hrs / 2,000 lbs/ton = 29 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .2444 lb/ton. Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

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

Emissions Unit Information Section 5

Boiler Unit Number 3

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted : PM10			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">7 lb/hour 29 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 1 <div style="text-align: right; padding-right: 50px;">1 to 5 tons/year</div>			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.2444lb/ton * 27 ton/hr = 6.60lb/hr 6.60lb/hr * 8,760 hr/yr / 2,000lb/ton = 29 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .2444 lb/ton. Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

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

Emissions Unit Information Section 5

Boiler Unit Number 3

Pollutant Potential/Estimated Emissions : Pollutant 6

1. Pollutant Emitted : SO2				
2. Total Percent Efficiency of Control : 70 %				
3. Potential Emissions :				
	49	lb/hour	214	tons/year
4. Synthetically Limited?				
	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive/Other Emissions:				
	4			
	0	to	1	tons/year
6. Emissions Factor :				
	Reference : PA 77-08			
7. Emissions Method Code : 0				
8. Calculations of Emissions :				
<p>0.16 lb/mmBtu * 304.2 mmBtu/hr = 48.9 lb/hr</p> <p>48.9 lb/hr * 8,760 hr/yr / 2,000 lb/ton= 214.2 TPY</p>				
9. Pollutant Potential/Estimated Emissions Comment :				
<p>Item 6 is .16 lb/mmBtu (Conditions of Certification PA 77-08 limit of 30 ppmv @7% O2 on a 24-hr daily ave.).</p> <p>Item 2 is based upon design conditions, actual efficiency is concentration dependent.</p>				

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

Emissions Unit Information Section 5

Boiler Unit Number 3

Pollutant Potential/Estimated Emissions : Pollutant 7

1. Pollutant Emitted : VOC			
2. Total Percent Efficiency of Control : 0 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">4 lb/hour 19 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 <div style="text-align: right; padding-right: 50px;">0 to 1 tons/year</div>			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.0145lb/mmBtu * 302.4 mmBtu/hr = 4.37lb/hr 4.37lb/hr * 8,760 hr/yr / 2,000 lb/ton = 19.1TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .0145 lb/mmBtu (Conditions of Certification PA 77-08 limit of 25 ppmvd @7% O2 on a 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Boiler Unit Number 3

Pollutant Potential/Estimated Emissions :

1. Pollutant Emitted : FL			
2. Total Percent Efficiency of Control : 90 %			
3. Potential Emissions :			
0	lb/hour	1	tons/year
4. Synthetically Limited?			
[] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			
4			
0		to 1	tons/year
6. Emissions Factor :			
Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
0.00073lb/mmBtu * 302.4 mmBtu/hr = 0.2208lb/hr			
0.2208lb/hr * 8,760 hr/yr / 2,000 lb/ton = 0.97TPY			
9. Pollutant Potential/Estimated Emissions Comment :			
Item 6 is 7.3E-4 lb/mmBtu (Conditions of Certification PA 77-08 limit of 840 ug/m3 @7% O2 on 24-hr daily ave.).			
Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Emissions Unit Information Section 5

Boiler Unit Number 3

Pollutant Potential/Estimated Emissions : Pollutant 11

1. Pollutant Emitted : SAM			
2. Total Percent Efficiency of Control : 70 %			
3. Potential Emissions : 2 lb/hour 10 tons/year			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.007lb/mmBtu * 302.4 mmBtu/hr = 2.2lb/hr 2.2lb/hr * 8760 hr/yr / 2000 lb/ton = 9.8TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .007 lb/mmBtu (Conditions of Certification PA 77-08 limit of 2.1 ppmvd @7% O2 on 24-hr daily ave.). Item 2 is based upon design conditions, actual emissions maybe below detection limits.			

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

Emissions Unit Information Section 5

Boiler Unit Number 3

Pollutant Potential/Estimated Emissions : Pollutant 14

1. Pollutant Emitted : H114			
2. Total Percent Efficiency of Control : 80 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">0 lb/hour 0 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 <div style="text-align: right; padding-right: 50px;">0 to 1 tons/year</div>			
6. Emissions Factor : Reference : KBN Report, 1993			
7. Emissions Method Code : 0			
8. Calculations of Emissions : .000061 lb/mmBtu * 302.4 mmMBtu/hr = .018 lb/hr .018 lb/hr * 8760 hr/yr / 2000 lb/ton = .08 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is 6.1E-5 lb/mmBtu. for Hg. Item 2 is based upon design conditions, actual efficiency is concentrations dependent.			

Boiler Unit Number 3



H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 6

Boiler Unit Number 4

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted : CO			
2. Total Percent Efficiency of Control : 0 %			
3. Potential Emissions : 61 lb/hour 268 tons/year			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.202 lb/mmBtu * 302.4 mmBtu/hr = 61.1 lb/hr 61.1 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 268 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .202 lb/mmBtu (Conditions of Certification PA 77-08 limit of 200 ppmvd @7% O2 on a 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Emissions Unit Information Section 6

Pollutant Potential/Estimated Emissions : Pollutant 2

1. Pollutant Emitted : PB				
2. Total Percent Efficiency of Control : 99 %				
3. Potential Emissions : 0 lb/hour 0 tons/year				
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year				
6. Emissions Factor : Reference : PA 77-08				
7. Emissions Method Code : 0				
8. Calculations of Emissions : $0.000331 \text{ lb/mmBtu} * 302.4 \text{ mmBtu/hr} = 0.10 \text{ lb/hr}$ $0.10 \text{ lb/hr} * 8,760 \text{ hr/yr} / 2,000 \text{ lb/ton} = 0.44 \text{ TPY}$				
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .000331 lb/mmBtu (Conditions of Certification PA 77-08 limit of 380 ug/m3 @7% O2 on a 24-hr daily ave.). Item 2 is based on an assumed control efficiency of fabric filter for PM.				

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Emissions Unit Information Section 6

Boiler Unit Number 4

Pollutant Potential/Estimated Emissions : Pollutant 3

1. Pollutant Emitted : NOX			
2. Total Percent Efficiency of Control : 0 %			
3. Potential Emissions : 140 lb/hour 615 tons/year			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.464 lb/mmBtu * 302.4 mmBtu/hr = 140.31 lb/hr 140.31 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 615 TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .5 lb/mmBtu (Conditions of Certification PA 77-08 limit of 280 ppmvd @7% O2 on a 24-hr daily ave.). MACT standards will lower to 250 ppm. Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 6

Boiler Unit Number 4

Pollutant Potential/Estimated Emissions : Pollutant 4

1. Pollutant Emitted : PM			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions :			
7		lb/hour	29 tons/year
4. Synthetically Limited?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:			
1		1	to 5 tons/year
6. Emissions Factor :			
Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
$0.2444 \text{ lb/ton} * 27 \text{ tons/hr} = 6.60 \text{ lb/hr}$ $6.60 \text{ lb/hr} * 8,760 \text{ hrs} / 2,000 \text{ lbs/ton} = 29 \text{ TPY}$			
9. Pollutant Potential/Estimated Emissions Comment :			
<p>Item 6 is .2444 lb/ton.</p> <p>Item 2 is based upon design conditions, actual efficiency is concentration dependent.</p>			

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

Emissions Unit Information Section 6
Boiler Unit Number 4

Pollutant Potential/Estimated Emissions : Pollutant 5

1. Pollutant Emitted : PM10			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">7 lb/hour 29 tons/year</div>			
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions: 1 <div style="text-align: right; padding-right: 50px;">1 to 5 tons/year</div>			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : $0.2444\text{lb/ton} * 27 \text{ ton/hr} = 6.60\text{lb/hr}$ $6.60\text{lb/hr} * 8,760 \text{ hr/yr} / 2,000\text{lb/ton} = 29 \text{ TPY}$			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .2444 lb/ton. Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Emissions Unit Information Section

Pollutant Potential/Estimated Emissions :

1. Pollutant Emitted : SO2				
2. Total Percent Efficiency of Control : 70 %				
3. Potential Emissions : 49 lb/hour 214 tons/year				
4. Synthetically Limited? [] Yes [X] No				
5. Range of Estimated Fugitive/Other Emissions: 4 0 to 1 tons/year				
6. Emissions Factor : Reference : PA 77-08				
7. Emissions Method Code : 0				
8. Calculations of Emissions : 0.16 lb/mmBtu * 304.2 mmBtu/hr = 48.9 lb/hr 48.9 lb/hr * 8,760 hr/yr / 2,000 lb/ton= 214.2 TPY				
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .16 lb/mmBtu (Conditions of Certification PA 77-08 limit of 30 ppmv @7% O2 on a 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is concentration dependent.				

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

Emissions Unit Information Section 6

Boiler Unit Number 4

Pollutant Potential/Estimated Emissions : Pollutant 8

1. Pollutant Emitted : DIOX			
2. Total Percent Efficiency of Control : 90 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">0 lb/hour 0 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 <div style="text-align: right; padding-right: 50px;">0 to 1 tons/year</div>			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : <div style="font-family: monospace; font-size: 0.9em;">0.0000000528lb/mmBtu * 302.4 mmBtu/hr = 0.000016lb/hr 0.000016lb/hr * 8,760 hr/yr / 2,000 lb/ton = 0.000069TPY</div>			
9. Pollutant Potential/Estimated Emissions Comment : <div style="font-family: monospace; font-size: 0.9em;">Item 6 is 5.28E-8 lb/mmBtu (Conditions of Certification PA 77-08 limit of 60 ng/scm @7% O2 on 24-hr daily ave). Item 2 is based upon design conditions, actual efficiency is concentrations dependent.</div>			

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

Emissions Unit Information Section 6

Boiler Unit Number 4

Pollutant Potential/Estimated Emissions : Pollutant 10

1. Pollutant Emitted : HCL			
2. Total Percent Efficiency of Control : 90 %			
3. Potential Emissions : <div style="display: flex; justify-content: space-between; padding: 0 10px;">31lb/hour134tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 <div style="display: flex; justify-content: space-between; padding: 0 10px;">0to 1tons/year</div>			
6. Emissions Factor : Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions : 0.10lb/mmBtu * 302.4 mmBtu/hr = 30.6lb/hr 30.6lb/hr * 8,760 hr/yr / 2,000 lb/ton = 134.2TPY			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is 0.1 lb/mmBtu (Conditions of Certification PA 77-08 limit of 25 ppmvd @7% O2 on a 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is concentration dependent.			

Emissions Unit Information Section 6

1. Pollutant Emitted : SAM			
2. Total Percent Efficiency of Control : 70 %			
3. Potential Emissions :			
2	lb/hour	10	tons/year
4. Synthetically Limited?			
[] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			
4			
0		to 1	tons/year
6. Emissions Factor :			
Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
0.007lb/mmBtu * 302.4 mmBtu/hr = 2.2lb/hr 2.2lb/hr * 8760 hr/yr / 2000 lb/ton = 9.8TPY			
9. Pollutant Potential/Estimated Emissions Comment :			
Item 6 is .007 lb/mmBtu (Conditions of Certification PA 77-08 limit of 2.1 ppmvd @7% O2 on 24-hr daily ave.). Item 2 is based upon design conditions, actual emissions maybe below detection limits.			

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

Emissions Unit Information Section 6

Boiler Unit Number 4

Pollutant Potential/Estimated Emissions : Pollutant 12

1. Pollutant Emitted : H015			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions :			
0		lb/hour	0 tons/year
4. Synthetically Limited?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:			
4		0	to 1 tons/year
6. Emissions Factor :			
Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
$.0000081 \text{ lb/mmBtu} * 302.4 \text{ mmBtu/hr} = .0024 \text{ lb/hr}$ $.0024 \text{ lb/hr} * 8760 \text{ hr/yr} / 2000 \text{ lb/ton} = .011 \text{ TPY}$			
9. Pollutant Potential/Estimated Emissions Comment :			
<p>Item 2 is based on an assumed control efficiency of fabric filter for PM.</p> <p>Item 6 is 8.1E-6 lb/mmBtu. for As.</p>			

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

Emissions Unit Information Section 6

Boiler Unit Number 4

Pollutant Potential/Estimated Emissions : Pollutant 14

1. Pollutant Emitted : H114			
2. Total Percent Efficiency of Control : 80 %			
3. Potential Emissions :			
0	lb/hour	0	tons/year
4. Synthetically Limited?			
[] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			
4			
0		to 1	tons/year
6. Emissions Factor :			
Reference : KBN Report, 1993			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
.000061 lb/mmBtu * 302.4 mmMBtu/hr = .018 lb/hr			
.018 lb/hr * 8760 hr/yr / 2000 lb/ton = .08 TPY			
9. Pollutant Potential/Estimated Emissions Comment :			
Item 6 is 6.1E-5 lb/mmBtu. for Hg.			
Item 2 is based upon design conditions, actual efficiency is concentrations dependent.			

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

Emissions Unit Information Section 6

Boiler Unit Number 4

Pollutant Potential/Estimated Emissions : Pollutant 15

1. Pollutant Emitted : H113			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions : <div style="text-align: right; padding-right: 50px;">0 lb/hour 1 tons/year</div>			
4. Synthetically Limited? [] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions: 4 <div style="text-align: right; padding-right: 50px;">0 to 1 tons/year</div>			
6. Emissions Factor : Reference : KBN Report 1993			
7. Emissions Method Code : 5			
8. Calculations of Emissions : .01 lb/ton*27 ton/hr=.27 lb/hr .27 lb/hr*8760 hr/yr/2000 lb/ton			
9. Pollutant Potential/Estimated Emissions Comment : Item 6 is .01 lb/ton. Item 2 is based on assumed control efficiency of fabric filter for PM. Manganese is not a permitted pollutant for this facility.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Emissions Unit Information Section 6

Boiler Unit Number 4

Pollutant Potential/Estimated Emissions : Pollutant 16

1. Pollutant Emitted : H027			
2. Total Percent Efficiency of Control : 99 %			
3. Potential Emissions :			
0	lb/hour	0	tons/year
4. Synthetically Limited?			
[] Yes [X] No			
5. Range of Estimated Fugitive/Other Emissions:			
4			
0	to	1	tons/year
6. Emissions Factor :			
Reference : PA 77-08			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
$177200 \text{ ft}^3/\text{min} * (68+460)/(270+460) * (1-1.49) = 109100 \text{ SDCFM}$ $109100 \text{ SDCFM} * .0283 \text{ m}^3/\text{ft}^3 * 1 \text{ lb}/453.6 \text{ g} * 1 \text{ g}/1000 \text{ mg} * .003 \text{ mg}/\text{m}^3 * 60 \text{ min}/\text{hr} = .00612 \text{ lb}/\text{hr}$ $.00612 \text{ lb}/\text{hr} * 8760 \text{ hr}/\text{year} / 2000 \text{ lb}/\text{ton} = .0268 \text{ TPY}$			
9. Pollutant Potential/Estimated Emissions Comment :			
<p>Item 6 is .003 mg/m3. Emission factor is AP-42</p> <p>Item 2 is based on assumed control efficiency of fabric filter for PM. Cadmium was not included in SCA.</p>			

Emissions Unit Information Section
Boiler Unit Number 1

1

Pollutant Information Section

1

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	200	ppm @7% O2	
4. Equivalent Allowable Emissions :	61	lb/hour	268 tons/year
5. Method of Compliance :	40 CFR Part 60, Appendix A, Method 10.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for CO		

III. Part 9c - 1

Emissions Unit Information Section
Boiler Unit Number 1

1

Pollutant Information Section

2

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	380	ug/nM3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 5 (40CFR60, Subpart Ea guidelines for metals emissions)		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for Pb		

III. Part 9c - 2

Emissions Unit Information Section 1
Boiler Unit Number 1

Pollutant Information Section 3

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	280	ppmv @7% O2	
4. Equivalent Allowable Emissions :	140	lb/hour	615 tons/year
5. Method of Compliance :	40CFR60 Appendix A, Method 7E		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for NOX. MACT standards will lower to 250 ppm.		

III. Part 9c - 3

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

Emissions Unit Information Section 1
Boiler Unit Number 1

Pollutant Information Section 4

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	grain/SDCF@7%O2	
4. Equivalent Allowable Emissions :	7	lb/hour	29 tons/year
5. Method of Compliance :	EPA Method 5		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for PM		

Emissions Unit Information Section1

Boiler Unit Number 1

Pollutant Information Section5**Allowable Emissions**1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	gr/SDCF @ 7% O2	
4. Equivalent Allowable Emissions :	7	lb/hour	29 tons/year
5. Method of Compliance :	EPA method 201 or 201A		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for PM10		

III. Part 9c - 5

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

Effective : 3-21-96

Emissions Unit Information Section
Boiler Unit Number 1

1

Pollutant Information Section

6

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	70	ppm @ 7% O2	
4. Equivalent Allowable Emissions :	49	lb/hour	214 tons/year
5. Method of Compliance :	EPA Method 6 or 6c		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Cond for SO2 30 ppmvd @7%O2 or 70% removal effc. whichever is least restrictive based on 24-hr daily geom. mean; not to exceed 70 ppmvd @7%O2, 0.16 lb/mmBtu & 214TPY.		

III. Part 9c - 6

Emissions Unit Information Section
Boiler Unit Number 1

1

Pollutant Information Section

7

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	25	ppmvd 7% O2	
4. Equivalent Allowable Emissions :	4	lb/hour	19 tons/year
5. Method of Compliance :	EPA Methods 18, 25 or 25A		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for VOC		

III. Part 9c - 7

Emissions Unit Information Section 1
Boiler Unit Number 1

Pollutant Information Section 8

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	60	ng/m3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 23		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for DIOX. 60ng/m3 (dry basis), 5.2E-8 lb/mmBtu, 1.6E-5 lb/hr, & 6.9E-5 tons/yr.		

III. Part 9c - 8

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

Emissions Unit Information Section
Boiler Unit Number 1

1

Pollutant Information Section

9

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	840	ug/Nm3 @ 7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	1 tons/year
5. Method of Compliance :	EPA Methods 13 or 13B		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for FL		

III. Part 9c - 9

Emissions Unit Information Section
Boiler Unit Number 1

1

Pollutant Information Section 10

Allowable Emissions 1

1. Basis for Allowable Emissions Code :		RULE	
2. Future Effective Date of Allowable Emissions :		19-Dec-2000	
3. Requested Allowable Emissions and Units :		78	ppmvd @7% O2
4. Equivalent Allowable Emissions :		31	lb/hour
		134	tons/year
5. Method of Compliance : EPA Method 26 or other methods which are approved by the EPA or the DEP			
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : PA 77-08 Special Certification Conditions for HCL Emissions shall not exceed 25 ppmvd corrected to 7 % O2, or 90 percent removal, whichever is least restrictive, based on a 24-hour daily geometric average			

Emissions Unit Information Section 1
Boiler Unit Number 1

Pollutant Information Section 11

Allowable Emissions 1

1. Basis for Allowable Emissions Code :		RULE	
2. Future Effective Date of Allowable Emissions :		19-Dec-2000	
3. Requested Allowable Emissions and Units :		0	lb/MMBtu
4. Equivalent Allowable Emissions :			
	2	lb/hour	10 tons/year
5. Method of Compliance :			
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :			
PA 77-08 Special Certification Conditions H2SO4: 2.1 ppmvd @7% O2 (dry basis) but maybe below method detection limit.			

III. Part 9c - 11

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

Emissions Unit Information Section
Boiler Unit Number 1

1

Pollutant Information Section

12

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	19-Dec-2000
3. Requested Allowable Emissions and Units :	9 ug/Nm3 @7% O2
4. Equivalent Allowable Emissions :	0 lb/hour 0 tons/year
5. Method of Compliance :	EPA Method 108
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for Arsenic of 8.1E-6 lb/mmBtu, .0024 lb/hr, & .011ton/yr.

III. Part 9c - 12

Emissions Unit Information Section
Boiler Unit Number 1

1

Pollutant Information Section

13

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	ug/Nm3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 104		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for Beryllium of 4E-7 lb/mmBtu, .00012 lb/hr, & .0005 tons/yr.		

III. Part 9c - 13

Emissions Unit Information Section 1
Boiler Unit Number 1

Pollutant Information Section 14

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	70	ug/Nm3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	Method 101A		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions . The reduction in Mercury emissions cannot be less than 80% by weight, NTE 6.1E-15 lb/mmBtu.		

III. Part 9c - 14

Emissions Unit Information Section
Boiler Unit Number 1

1

Pollutant Information Section

15

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	lb/ton	
4. Equivalent Allowable Emissions :	0	lb/hour	1 tons/year
5. Method of Compliance :			
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification. No permit limit for Manganese.		

III. Part 9c - 15

Emissions Unit Information Section 1
Boiler Unit Number 1

Pollutant Information Section 16

Allowable Emissions 1

1. Basis for Allowable Emissions Code :		RULE			
2. Future Effective Date of Allowable Emissions :		19-Dec-2000			
3. Requested Allowable Emissions and Units :		15	ug/Nm3 @7% O2		
4. Equivalent Allowable Emissions :		0	lb/hour	0	tons/year
5. Method of Compliance : Method 29					
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : PA 77-08 Special Certification Conditions for Cd					

III. Part 9c - 16

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :		RULE			
2. Future Effective Date of Allowable Emissions :		19-Dec-2000			
3. Requested Allowable Emissions and Units :		0	gr/dscf		
4. Equivalent Allowable Emissions :		19	lb/hour	82	tons/year
5. Method of Compliance : EPA Method 9 or 5					
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : 62-296.711(2)(b), F.A.C. PA-77.08 Site Certification Special Conditions allow 5% opacity visible emissions, no test required for dust collectors.					

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Pollutant Information Section 2

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	gr/dscf	
4. Equivalent Allowable Emissions :	19	lb/hour	82 tons/year
5. Method of Compliance :	EPA Method 9 or 5		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	62-296.711(2)(b), F. A. C. PA-77.08 Site Certification Special Conditions allow 5% opacity visible emissions, no test required for dust collectors.		

Emissions Unit Information Section4

Boiler Unit Number 2

Pollutant Information Section1**Allowable Emissions**1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	200	ppm @7% O2	
4. Equivalent Allowable Emissions :	61	lb/hour	268 tons/year
5. Method of Compliance :	40 CFR Part 60, Appendix A, Method 10.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for CO		

III. Part 9c - 19

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

Effective : 3-21-96

Emissions Unit Information Section4

Boiler Unit Number 2

Pollutant Information Section2**Allowable Emissions**1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	380	ug/nM3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 5 (40CFR60, Subpart Ea guidelines for metals emissions)		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for Pb		

III. Part 9c - 20

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

Effective : 3-21-96

Emissions Unit Information Section
Boiler Unit Number 2

4

Pollutant Information Section

3

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	280	ppmv @7% O2	
4. Equivalent Allowable Emissions :	140	lb/hour	615 tons/year
5. Method of Compliance :	40CFR60 Appendix A, Method 7E		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for NOX. MACT standards will lower to 250 ppm.		

Emissions Unit Information Section4

Boiler Unit Number 2

Pollutant Information Section4**Allowable Emissions**1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	grain/SDCF@7%O2	
4. Equivalent Allowable Emissions :	7	lb/hour	29 tons/year
5. Method of Compliance :	EPA Method 5		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for PM		

III. Part 9c - 22

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

Effective : 3-21-96

Emissions Unit Information Section
Boiler Unit Number 2

4

Pollutant Information Section

5

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	gr/SDCF @ 7% O2	
4. Equivalent Allowable Emissions :	7	lb/hour	29 tons/year
5. Method of Compliance :	EPA method 201 or 201A		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for PM10		

Emissions Unit Information Section
Boiler Unit Number 2

4

Pollutant Information Section

6

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	70	ppm @ 7% O2	
4. Equivalent Allowable Emissions :	49	lb/hour	214 tons/year
5. Method of Compliance :	EPA Method 6 or 6c		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Cond for SO2 30 ppmvd @7%O2 or 70% removal effc. whichever is least restrictive based on 24-hr daily geom. mean; not to exceed 70 ppmvd @7%O2, 0.16 lb/mmBtu & 214TPY.		

Emissions Unit Information Section4

Boiler Unit Number 2

Pollutant Information Section7**Allowable Emissions**1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	25	ppmvd 7% O2	
4. Equivalent Allowable Emissions :	4	lb/hour	19 tons/year
5. Method of Compliance :	EPA Methods 18, 25 or 25A		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for VOC		

III. Part 9c - 25

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

Effective : 3-21-96

Emissions Unit Information Section4

Boiler Unit Number 2

Pollutant Information Section8**Allowable Emissions**1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	60	ng/m3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 23		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for DIOX. 60ng/m3 (dry basis), 5.2E-8 lb/mmBtu, 1.6E-5 lb/hr, & 6.9E-5 tons/yr.		

Emissions Unit Information Section
Boiler Unit Number 2

4

Pollutant Information Section

9

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	840	ug/Nm3 @ 7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	1 tons/year
5. Method of Compliance :	EPA Methods 13 or 13B		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for FL		

III. Part 9c - 27

Emissions Unit Information Section
Boiler Unit Number 2

4

Pollutant Information Section

10

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	78	ppmvd @7% O2	
4. Equivalent Allowable Emissions :	31	lb/hour	134 tons/year
5. Method of Compliance :	EPA Method 26 or other methods which are approved by the EPA or the DEP		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for HCL Emissions shall not exceed 25 ppmvd corrected to 7 % O2, or 90 percent removal, whichever is least restrictive, based on a 24-hour daily geometric average		

Emissions Unit Information Section
Boiler Unit Number 2

4

Pollutant Information Section 11

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	lb/MMBtu	
4. Equivalent Allowable Emissions :	2	lb/hour	10 tons/year
5. Method of Compliance :			
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions H2SO4: 2.1 ppmvd @7% O2 (dry basis) but maybe below method detection limit.		

Emissions Unit Information Section 4
Boiler Unit Number 2

Pollutant Information Section 12

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	9	ug/Nm3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 108		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for Arsenic of 8.1E-6 lb/mmBtu, .0024 lb/hr, & .011ton/yr.		

Emissions Unit Information Section
Boiler Unit Number 2

4

Pollutant Information Section

13

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	ug/Nm3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 104		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for Beryllium of 4E-7 lb/mmBtu, .00012 lb/hr, & .0005 tons/yr.		

III. Part 9c - 31

Emissions Unit Information Section
Boiler Unit Number 2

4

Pollutant Information Section

14

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	19-Dec-2000
3. Requested Allowable Emissions and Units :	70 ug/Nm3 @7% O2
4. Equivalent Allowable Emissions :	0 lb/hour 0 tons/year
5. Method of Compliance :	Method 101A
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions . The reduction in Mercury emissions cannot be less than 80% by weight, NTE 6.1E-15 lb/mmBtu.

Emissions Unit Information Section
Boiler Unit Number 2

4

Pollutant Information Section

15

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	lb/ton	
4. Equivalent Allowable Emissions :	0	lb/hour	1 tons/year
5. Method of Compliance :			
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification. No permit limit for Manganese.		

Emissions Unit Information Section
Boiler Unit Number 2

4

Pollutant Information Section

16

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	15	ug/Nm3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	Method 29		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for Cd		

III. Part 9c - 34

Emissions Unit Information Section 5
Boiler Unit Number 3

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	200	ppm @7% O2	
4. Equivalent Allowable Emissions :	61	lb/hour	268 tons/year
5. Method of Compliance :	40 CFR Part 60, Appendix A, Method 10.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for CO		

III. Part 9c - 35

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

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

2

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	380	ug/nM3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 5 (40CFR60, Subpart Ea guidelines for metals emissions)		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for Pb		

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

3

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	280	ppmv @7% O2	
4. Equivalent Allowable Emissions :	140	lb/hour	615 tons/year
5. Method of Compliance :	40CFR60 Appendix A, Method 7E		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for NOX. MACT standards will lower to 250 ppm.		

Emissions Unit Information Section5

Boiler Unit Number 3

Pollutant Information Section4**Allowable Emissions**1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	grain/SDCF@7%O2	
4. Equivalent Allowable Emissions :	7	lb/hour	29 tons/year
5. Method of Compliance :	EPA Method 5		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for PM		

Emissions Unit Information Section 5
Boiler Unit Number 3

Pollutant Information Section 5

Allowable Emissions 1

1. Basis for Allowable Emissions Code :		RULE	
2. Future Effective Date of Allowable Emissions :		19-Dec-2000	
3. Requested Allowable Emissions and Units :		0	gr/SDCF @ 7% O2
4. Equivalent Allowable Emissions :		7	lb/hour 29 tons/year
5. Method of Compliance : EPA method 201 or 201A			
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : PA 77-08 Special Certification Conditions for PM10			

III. Part 9c - 39

Emissions Unit Information Section5

Boiler Unit Number 3

Pollutant Information Section6**Allowable Emissions**1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	70	ppm @ 7% O2	
4. Equivalent Allowable Emissions :	49	lb/hour	214 tons/year
5. Method of Compliance :	EPA Method 6 or 6c		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Cond for SO2 30 ppmvd @7%O2 or 70% removal effc. whichever is least restrictive based on 24-hr daily geom. mean; not to exceed 70 ppmvd @7%O2, 0.16 lb/mmBtu & 214TPY.		

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

7

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	25	ppmvd 7% O2	
4. Equivalent Allowable Emissions :	4	lb/hour	19 tons/year
5. Method of Compliance :	EPA Methods 18, 25 or 25A		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for VOC		

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

8

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	60	ng/m3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 23		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for DIOX. 60ng/m3 (dry basis), 5.2E-8 lb/mmBtu, 1.6E-5 lb/hr, & 6.9E-5 tons/yr.		

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

9

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	840	ug/Nm3 @ 7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	1 tons/year
5. Method of Compliance :	EPA Methods 13 or 13B		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for FL		

III. Part 9c - 43

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

10

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	78	ppmvd @7% O2	
4. Equivalent Allowable Emissions :	31	lb/hour	134 tons/year
5. Method of Compliance :	EPA Method 26 or other methods which are approved by the EPA or the DEP		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for HCL Emissions shall not exceed 25 ppmvd corrected to 7 % O2, or 90 percent removal, whichever is least restrictive, based on a 24-hour daily geometric average		

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

11

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	lb/MMBtu	
4. Equivalent Allowable Emissions :	2	lb/hour	10 tons/year
5. Method of Compliance :			
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions H2SO4: 2.1 ppmvd @7% O2 (dry basis) but maybe below method detection limit.		

III. Part 9c - 45

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

12

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	19-Dec-2000
3. Requested Allowable Emissions and Units :	9 ug/Nm3 @7% O2
4. Equivalent Allowable Emissions :	0 lb/hour 0 tons/year
5. Method of Compliance :	EPA Method 108
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for Arsenic of 8.1E-6 lb/mmBtu, .0024 lb/hr, & .011ton/yr.

III. Part 9c - 46

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

13

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	ug/Nm3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 104		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for Beryllium of 4E-7 lb/mmBtu, .00012 lb/hr, & .0005 tons/yr.		

III. Part 9c - 47

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

14

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	19-Dec-2000
3. Requested Allowable Emissions and Units :	70 ug/Nm3 @7% O2
4. Equivalent Allowable Emissions :	0 lb/hour 0 tons/year
5. Method of Compliance :	Method 101A
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions . The reduction in Mercury emissions cannot be less than 80% by weight, NTE 6.1E-15 lb/mmBtu.

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

15

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	19-Dec-2000
3. Requested Allowable Emissions and Units :	0 lb/ton
4. Equivalent Allowable Emissions :	0 lb/hour 1 tons/year
5. Method of Compliance :	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification. No permit limit for Manganese.

Emissions Unit Information Section
Boiler Unit Number 3

5

Pollutant Information Section

16

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	19-Dec-2000
3. Requested Allowable Emissions and Units :	15 ug/Nm3 @7% O2
4. Equivalent Allowable Emissions :	0 lb/hour 0 tons/year
5. Method of Compliance :	Method 29
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for Cd

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section

1

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	200	ppm @7% O2	
4. Equivalent Allowable Emissions :	61	lb/hour	268 tons/year
5. Method of Compliance :	40 CFR Part 60, Appendix A, Method 10.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for CO		

III. Part 9c - 51

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section

2

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	380	ug/nM3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 5 (40CFR60, Subpart Ea guidelines for metals emissions)		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for Pb		

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section

3

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	280	ppmv @7% O2	
4. Equivalent Allowable Emissions :	140	lb/hour	615 tons/year
5. Method of Compliance :	40CFR60 Appendix A, Method 7E		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification for NOX. MACT standards will lower to 250 ppm.		

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section

4

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	19-Dec-2000
3. Requested Allowable Emissions and Units :	0 grain/SDCF@7%O2
4. Equivalent Allowable Emissions :	7 lb/hour 29 tons/year
5. Method of Compliance :	EPA Method 5
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for PM

Emissions Unit Information Section 6
Boiler Unit Number 4

Pollutant Information Section 5

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	gr/SDCF @ 7% O2	
4. Equivalent Allowable Emissions :	7	lb/hour	29 tons/year
5. Method of Compliance :	EPA method 201 or 201A		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for PM10		

III. Part 9c - 55

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

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section

6

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	70	ppm @ 7% O2	
4. Equivalent Allowable Emissions :	49	lb/hour	214 tons/year
5. Method of Compliance :	EPA Method 6 or 6c		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Cond for SO2 30 ppmvd @7%O2 or 70% removal effc. whichever is least restrictive based on 24-hr daily geom. mean; not to exceed 70 ppmvd @7%O2, 0.16 lb/mmBtu & 214TPY.		

III. Part 9c - 56

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section

7

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	25	ppmvd 7% O2	
4. Equivalent Allowable Emissions :	4	lb/hour	19 tons/year
5. Method of Compliance :	EPA Methods 18, 25 or 25A		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for VOC		

III. Part 9c - 57

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section

8

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	60	ng/m3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 23		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for DIOX. 60ng/m3 (dry basis), 5.2E-8 lb/mmBtu, 1.6E-5 lb/hr, & 6.9E-5 tons/yr.		

III. Part 9c - 58

Emissions Unit Information Section 6
Boiler Unit Number 4

Pollutant Information Section 9

Allowable Emissions 1

1. Basis for Allowable Emissions Code :		RULE			
2. Future Effective Date of Allowable Emissions :		19-Dec-2000			
3. Requested Allowable Emissions and Units :		840	ug/Nm3 @ 7% O2		
4. Equivalent Allowable Emissions :		0	lb/hour	1	tons/year
5. Method of Compliance : EPA Methods 13 or 13B					
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : PA 77-08 Special Certification Conditions for FL					

III. Part 9c - 59

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

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section 10

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	78	ppmvd @7% O2	
4. Equivalent Allowable Emissions :	31	lb/hour	134 tons/year
5. Method of Compliance :	EPA Method 26 or other methods which are approved by the EPA or the DEP		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for HCL Emissions shall not exceed 25 ppmvd corrected to 7 % O2, or 90 percent removal, whichever is least restrictive, based on a 24-hour daily geometric average		

III. Part 9c - 60

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section

11

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	lb/MMBtu	
4. Equivalent Allowable Emissions :	2	lb/hour	10 tons/year
5. Method of Compliance :			
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions H2SO4: 2.1 ppmvd @7% O2 (dry basis) but maybe below method detection limit.		

III. Part 9c - 61

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section 12

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	9	ug/Nm3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	EPA Method 108		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for Arsenic of 8.1E-6 lb/mmBtu, .0024 lb/hr, & .011ton/yr.		

III. Part 9c - 62

Emissions Unit Information Section 6
Boiler Unit Number 4

Pollutant Information Section 13

Allowable Emissions 1

1. Basis for Allowable Emissions Code :		RULE			
2. Future Effective Date of Allowable Emissions :		19-Dec-2000			
3. Requested Allowable Emissions and Units :		0	ug/Nm3 @7% O2		
4. Equivalent Allowable Emissions :		0	lb/hour	0	tons/year
5. Method of Compliance : EPA Method 104					
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) : PA 77-08 Special Conditions of Certification for Beryllium of 4E-7 lb/mmBtu, .00012 lb/hr, & .0005 tons/yr.					

III. Part 9c - 63

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

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section

14

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	70	ug/Nm3 @7% O2	
4. Equivalent Allowable Emissions :	0	lb/hour	0 tons/year
5. Method of Compliance :	Method 101A		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions . The reduction in Mercury emissions cannot be less than 80% by weight, NTE 6.1E-15 lb/mmBtu.		

III. Part 9c - 64

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section 15

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	RULE		
2. Future Effective Date of Allowable Emissions :	19-Dec-2000		
3. Requested Allowable Emissions and Units :	0	lb/ton	
4. Equivalent Allowable Emissions :	0	lb/hour	1 tons/year
5. Method of Compliance :			
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Conditions of Certification. No permit limit for Manganese.		

III. Part 9c - 65

Emissions Unit Information Section
Boiler Unit Number 4

6

Pollutant Information Section

16

Allowable Emissions

1

1. Basis for Allowable Emissions Code :	RULE
2. Future Effective Date of Allowable Emissions :	19-Dec-2000
3. Requested Allowable Emissions and Units :	15 ug/Nm3 @7% O2
4. Equivalent Allowable Emissions :	0 lb/hour 0 tons/year
5. Method of Compliance :	Method 29
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	PA 77-08 Special Certification Conditions for Cd

III. Part 9c - 66

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE									
2. Basis for Allowable Opacity :	RULE									
3. Requested Allowable Opacity :	<table style="width: 100%;"><tr><td style="text-align: right;">Normal Conditions :</td><td style="text-align: center;">10</td><td style="text-align: right;">%</td></tr><tr><td style="text-align: right;">Exceptional Conditions :</td><td style="text-align: center;">60</td><td style="text-align: right;">%</td></tr><tr><td style="text-align: right;">Maximum Period of Excess Opacity Allowed :</td><td style="text-align: center;">6</td><td style="text-align: right;">min/hour</td></tr></table>	Normal Conditions :	10	%	Exceptional Conditions :	60	%	Maximum Period of Excess Opacity Allowed :	6	min/hour
Normal Conditions :	10	%								
Exceptional Conditions :	60	%								
Maximum Period of Excess Opacity Allowed :	6	min/hour								
4. Method of Compliance :	Continuous Opacity Analyzer									
5. Visible Emissions Comment :	<p>Visible Emissions Monitoring required by Permit No. PSD-FL-006(A). FDEP allows 2 hours maximum of excess emissions during start-up, shut down or malfunction during any 24-hour period. Exceptional condition and max. period of excess would be 100% or 60min/hr during these periods.</p>									

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 2
Refuse Derived Fuel Processing and Biomass Production

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE									
2. Basis for Allowable Opacity :	RULE									
3. Requested Allowable Opacity :	<table style="width: 100%;"><tr><td style="text-align: right;">Normal Conditions :</td><td style="text-align: center;">5</td><td style="text-align: right;">%</td></tr><tr><td style="text-align: right;">Exceptional Conditions :</td><td style="text-align: center;">60</td><td style="text-align: right;">%</td></tr><tr><td style="text-align: right;">Maximum Period of Excess Opacity Allowed :</td><td style="text-align: center;">6</td><td style="text-align: right;">min/hour</td></tr></table>	Normal Conditions :	5	%	Exceptional Conditions :	60	%	Maximum Period of Excess Opacity Allowed :	6	min/hour
Normal Conditions :	5	%								
Exceptional Conditions :	60	%								
Maximum Period of Excess Opacity Allowed :	6	min/hour								
4. Method of Compliance :	EPA Method 9									
5. Visible Emissions Comment :	<p>Visible Emissions Monitoring required by Permit No. PSD-FL006(A). FDEP allows 2 hours max. of excess emissions during start-up, shut down, or malfunction during any 24-hour period. Exceptional Condition and max. period of excess would be 100% on 60 min/hr during these periods. Opacity limit for biomass baghouse is 5%, other baghouses are 10%.</p>									

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4
Boiler Unit Number 2

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE									
2. Basis for Allowable Opacity :	RULE									
3. Requested Allowable Opacity :	<table style="width: 100%;"><tr><td style="text-align: right;">Normal Conditions :</td><td style="text-align: center;">10</td><td style="text-align: right;">%</td></tr><tr><td style="text-align: right;">Exceptional Conditions :</td><td style="text-align: center;">60</td><td style="text-align: right;">%</td></tr><tr><td style="text-align: right;">Maximum Period of Excess Opacity Allowed :</td><td style="text-align: center;">6</td><td style="text-align: right;">min/hour</td></tr></table>	Normal Conditions :	10	%	Exceptional Conditions :	60	%	Maximum Period of Excess Opacity Allowed :	6	min/hour
Normal Conditions :	10	%								
Exceptional Conditions :	60	%								
Maximum Period of Excess Opacity Allowed :	6	min/hour								
4. Method of Compliance :	Continuous Opacity Analyzer									
5. Visible Emissions Comment :	<p>Visible Emissions Monitoring required by Permit No. PSD-FL-006(A). FDEP allows 2 hours maximum of excess emissions during start-up, shut down or malfunction during any 24-hour period. Exceptional condition and max. period of excess would be 100% or 60min/hr during these periods.</p>									

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5
Boiler Unit Number 3

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype : VE
2. Basis for Allowable Opacity : RULE
3. Requested Allowable Opacity : <div style="text-align: right; margin-top: 10px;">Normal Conditions : 10 % Exceptional Conditions : 60 % Maximum Period of Excess Opacity Allowed : 6 min/hour</div>
4. Method of Compliance : Continuous Opacity Analyzer
5. Visible Emissions Comment : Visible Emissions Monitoring required by Permit No. PSD-FL-006(A). FDEP allows 2 hours maximum of excess emissions during start-up, shut down or malfunction during any 24-hour period. Exceptional condition and max. period of excess would be 100% or 60min/hr during these periods.

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Boiler Unit Number 4

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	VE									
2. Basis for Allowable Opacity :	RULE									
3. Requested Allowable Opacity :	<table style="width: 100%;"><tr><td style="text-align: right;">Normal Conditions :</td><td style="text-align: center;">10</td><td style="text-align: center;">%</td></tr><tr><td style="text-align: right;">Exceptional Conditions :</td><td style="text-align: center;">60</td><td style="text-align: center;">%</td></tr><tr><td style="text-align: right;">Maximum Period of Excess Opacity Allowed :</td><td style="text-align: center;">6</td><td style="text-align: center;">min/hour</td></tr></table>	Normal Conditions :	10	%	Exceptional Conditions :	60	%	Maximum Period of Excess Opacity Allowed :	6	min/hour
Normal Conditions :	10	%								
Exceptional Conditions :	60	%								
Maximum Period of Excess Opacity Allowed :	6	min/hour								
4. Method of Compliance :	Continuous Opacity Analyzer									
5. Visible Emissions Comment :	Visible Emissions Monitoring required by Permit No. PSD-FL-006(A). FDEP allows 2 hours maximum of excess emissions during start-up, shut down or malfunction during any 24-hour period. Exceptional condition and max. period of excess would be 100% or 60min/hr during these periods.									

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : EM	2. Pollutant : CO
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring Required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : O2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring Required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : VE	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : EM	2. Pollutant : SO2
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit No. PSD-FL-006(A). Installation and test date information is not available now because the continuous monitors have not yet been purchased. One is to be located upstream of the scrubber and one downstream of the baghouse.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : TEMP	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The monitor information installation date, and test date is not available now because the equipment has not yet been purchased. The temperature of the combustion zone will be monitored.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
Boiler Unit Number 1

Continuous Monitoring System : Continuous Monitor 6

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F0006 (A). The mercury reagent usage rate monitor information installation date, and test date is not available now because the equipment has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Continuous Monitoring System : Continuous Monitor 7

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The slaked lime utilization monitor information installation date and test date is not available now because the equipment has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Continuous Monitoring System : Continuous Monitor 8

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The power generation (MW) total steam production (lb/hr, pressure and temperature) monitor information, installation, and test date, is not available at this time.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Continuous Monitoring System : Continuous Monitor 9

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuos Monitoring required by Permit PSD-F006(A). The total steam production (lbs/hr, pressure and temperature) monitor information is not available yet.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

Boiler Unit Number 1

Continuous Monitoring System : Continuous Monitor 10

1. Parameter Code : TEMP	2. Pollutant :
3. CMS Requirement : OTHER	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The monitor information installation date, and test date is not available now because the equipment has not yet been purchased. The temperature of the flue gas will be monitored.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : EM	2. Pollutant : CO
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring Required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : O2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring Required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : VE	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

III. Part 11 - 13

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : EM	2. Pollutant : SO2
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit No. PSD-FL-006(A). Installation and test date information is not available now because the continuous monitors have not yet been purchased. One is to be located upstream of the scrubber and one downstream of the baghouse.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : TEMP	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The monitor information installation date, and test date is not available now because the equipment has not yet been purchased. The temperature of the combustion zone will be monitored.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Continuous Monitoring System : Continuous Monitor 6

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F0006 (A). The mercury reagent usage rate monitor information installation date, and test date is not available now because the equipment has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Continuous Monitoring System : Continuous Monitor 7

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The slaked lime utilization monitor information installation date and test date is not available now because the equipment has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Continuous Monitoring System : Continuous Monitor 8

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The power generation (MW) total steam production (lb/hr, pressure and temperature) monitor information, installation, and test date, is not available at this time.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4

Boiler Unit Number 2

Continuous Monitoring System : Continuous Monitor 9

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuos Monitoring required by Permit PSD-F006(A). The total steam production (lbs/hr, pressure and temperature) monitor information is not available yet.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 4
Boiler Unit Number 2

Continuous Monitoring System : Continuous Monitor 10

1. Parameter Code : TEMP	2. Pollutant :
3. CMS Requirement : OTHER	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The monitor information installation date, and test date is not available now because the equipment has not yet been purchased. The temperature of the flue gas will be monitored.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5

Boiler Unit Number 3

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : EM	2. Pollutant : CO
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring Required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5

Boiler Unit Number 3

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : O2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring Required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5

Boiler Unit Number 3

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : VE	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5

Boiler Unit Number 3

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : EM	2. Pollutant : SO2
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit No. PSD-FL-006(A). Installation and test date information is not available now because the continuous monitors have not yet been purchased. One is to be located upstream of the scrubber and one downstream of the baghouse.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5

Boiler Unit Number 3

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : TEMP	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The monitor information installation date, and test date is not available now because the equipment has not yet been purchased. The temperature of the combustion zone will be monitored.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5

Boiler Unit Number 3

Continuous Monitoring System : Continuous Monitor 6

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F0006 (A). The mercury reagent usage rate monitor information installation date, and test date is not available now because the equipment has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5

Boiler Unit Number 3

Continuous Monitoring System : Continuous Monitor 7

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The slaked lime utilization monitor information installation date and test date is not available now because the equipment has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5

Boiler Unit Number 3

Continuous Monitoring System : Continuous Monitor 8

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The power generation (MW) total steam production (lb/hr, pressure and temperature) monitor information, installation, and test date, is not available at this time.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5
Boiler Unit Number 3

Continuous Monitoring System : Continuous Monitor 9

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The total steam production (lbs/hr, pressure and temperature) monitor information is not available yet.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 5

Boiler Unit Number 3

Continuous Monitoring System : Continuous Monitor 10

1. Parameter Code : TEMP	2. Pollutant :
3. CMS Requirement : OTHER	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The monitor information installation date, and test date is not available now because the equipment has not yet been purchased. The temperature of the flue gas will be monitored.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Boiler Unit Number 4

Continuous Monitoring System : Continuous Monitor 1

1. Parameter Code : EM	2. Pollutant : CO
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring Required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6
Boiler Unit Number 4

Continuous Monitoring System : Continuous Monitor 2

1. Parameter Code : O2	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring Required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Boiler Unit Number 4

Continuous Monitoring System : Continuous Monitor 3

1. Parameter Code : VE	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit No. PSD-FL-006(A). The monitor information installation date, and test date is not available now because the continuous monitor has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Boiler Unit Number 4

Continuous Monitoring System : Continuous Monitor 4

1. Parameter Code : EM	2. Pollutant : SO2
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit No. PSD-FL-006(A). Installation and test date information is not available now because the continuous monitors have not yet been purchased. One is to be located upstream of the scrubber and one downstream of the baghouse.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Boiler Unit Number 4

Continuous Monitoring System : Continuous Monitor 5

1. Parameter Code : TEMP	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The monitor information installation date, and test date is not available now because the equipment has not yet been purchased. The temperature of the combustion zone will be monitored.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Boiler Unit Number 4

Continuous Monitoring System : Continuous Monitor 6

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F0006 (A). The mercury reagent usage rate monitor information installation date, and test date is not available now because the equipment has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Boiler Unit Number 4

Continuous Monitoring System : Continuous Monitor 7

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The slaked lime utilization monitor information installation date and test date is not available now because the equipment has not yet been purchased.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6
Boiler Unit Number 4

Continuous Monitoring System : Continuous Monitor 8

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The power generation (MW) total steam production (lb/hr, pressure and temperature) monitor information, installation, and test date, is not available at this time.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6

Boiler Unit Number 4

Continuous Monitoring System : Continuous Monitor 9

1. Parameter Code : FLOW	2. Pollutant :
3. CMS Requirement : RULE	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuos Monitoring required by Permit PSD-F006(A). The total steam production (lbs/hr, pressure and temperature) monitor information is not available yet.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 6
Boiler Unit Number 4

Continuous Monitoring System : Continuous Monitor 10

1. Parameter Code : TEMP	2. Pollutant :
3. CMS Requirement : OTHER	
4. Monitor Information : Manufacturer : Not available Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : Continuous Monitoring required by Permit PSD-F006(A). The monitor information installation date, and test date is not available now because the equipment has not yet been purchased. The temperature of the flue gas will be monitored.	

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

Emissions Unit Information Section 1

Boiler Unit Number 1

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

- ☒ [X] 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.
- ☐ [] 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.
- ☐ 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 : C	SO2 : C	NO2 : C
4. Baseline Emissions :		
PM :	lb/hour	tons/year
SO2 :	lb/hour	tons/year
NO2 :		tons/year
5. PSD Comment :		
PSD review was originally completed February 27, 1978. A permit amendment PSD-FL006(A) was issued in December 1994 and expires on June 30, 1999.		

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

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

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.
- ☐ None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

III. Part 12 - 3

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.
- ☒ 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 :

Emissions Unit does not emit SO2 or NOX. PSD review was originally completed on February 27, 1978. A permit amendment PSD-FL006(A) was issued in December 1994 and expires on June 30, 1999.

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

Emissions Unit Information Section 3

Ash Handling

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.
- ☐ None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

III. Part 12 - 5

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.
- ☒ 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 :

Emissions Unit does not emit SO2 or NOX. PSD review was originally completed on February 27, 1978. A permit amendment PSD-FL006(A) was issued in December 1994 and expires on June 30, 1999.

III. Part 12 - 6

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

Emissions Unit Information Section

4

Boiler Unit Number 2

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

- ☒ [X] 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.
- ☐ [] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

III. Part 12 - 7

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.
- ☐ 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 : C	SO2 : C	NO2 : C
4. Baseline Emissions :		
PM :	lb/hour	tons/year
SO2 :	lb/hour	tons/year
NO2 :		tons/year
5. PSD Comment :		
PSD review was originally completed February 27, 1978. A permit amendment PSD-FL006(A) was issued in December 1994 and expires on June 30, 1999.		

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

Emissions Unit Information Section 5

Boiler Unit Number 3

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

- ☒ [X] 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.
- ☐ [] 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.
- ☐ 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 : C	SO2 : C	NO2 : C
4. Baseline Emissions :		
PM :	lb/hour	tons/year
SO2 :	lb/hour	tons/year
NO2 :		tons/year
5. PSD Comment :		
PSD review was originally completed February 27, 1978. A permit amendment PSD-FL006(A) was issued in December 1994 and expires on June 30, 1999.		

III. Part 12 - 10

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

Emissions Unit Information Section

6

Boiler Unit Number 4

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

- ☒ [X] 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.
- ☐ [] 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.
- ☐ 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 : C

SO2 : C

NO2 : C

4. Baseline Emissions :

PM :

lb/hour

tons/year

SO2 :

lb/hour

tons/year

NO2 :

tons/year

5. PSD Comment :

PSD review was originally completed February 27, 1978. A permit amendment PSD-FL006(A) was issued in December 1994 and expires on June 30, 1999.

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 1

Boiler Unit Number 1

Supplemental Requirements for All Applications

1. Process Flow Diagram :	Exhibit 3
2. Fuel Analysis or Specification :	Exhibit 16
3. Detailed Description of Control Equipment :	Exhibit 17A
4. Description of Stack Sampling Facilities :	Exhibit 18
5. Compliance Test Report :	Exhibit 19(N/A)
6. Procedures for Startup and Shutdown :	Exhibit 20
7. Operation and Maintenance Plan :	Exhibit 21
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA

12. Identification of Additional Applicable Requirements :	Exhibit 11
13. Compliance Assurance Monitoring Plan :	NA
14. Acid Rain Application (Hard-copy Required) :	
NA	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.)

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 2

Refuse Derived Fuel Processing and Biomass Production

Supplemental Requirements for All Applications

1. Process Flow Diagram :	Exhibit 3
2. Fuel Analysis or Specification :	NA
3. Detailed Description of Control Equipment :	Exhibit 17B
4. Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	Exhibit 19(N/A)
6. Procedures for Startup and Shutdown :	Exhibit 20
7. Operation and Maintenance Plan :	Exhibit 21
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA

12. Identification of Additional Applicable Requirements :	Exhibit 11
13. Compliance Assurance Monitoring Plan :	NA
14. Acid Rain Application (Hard-copy Required) :	
NA	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.)

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 3

Ash Handling

Supplemental Requirements for All Applications

1. Process Flow Diagram :	Exhibit 3
2. Fuel Analysis or Specification :	NA
3. Detailed Description of Control Equipment :	Exhibit 17C
4. Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	Exhibit 19(N/A)
6. Procedures for Startup and Shutdown :	Exhibit 20
7. Operation and Maintenance Plan :	Exhibit 21
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA

12. Identification of Additional Applicable Requirements :		Exhibit 11
13. Compliance Assurance Monitoring Plan :		NA
14. Acid Rain Application (Hard-copy Required) :		
NA	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.)	

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section

4

Boiler Unit Number 2

Supplemental Requirements for All Applications

1. Process Flow Diagram :	Exhibit 3
2. Fuel Analysis or Specification :	Exhibit 16
3. Detailed Description of Control Equipment :	Exhibit 17A
4. Description of Stack Sampling Facilities :	Exhibit 18
5. Compliance Test Report :	Exhibit 19(N/A)
6. Procedures for Startup and Shutdown :	Exhibit 20
7. Operation and Maintenance Plan :	Exhibit 21
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA

III. Part 13 - 7

12. Identification of Additional Applicable Requirements :	Exhibit 11
13. Compliance Assurance Monitoring Plan :	NA
14. Acid Rain Application (Hard-copy Required) :	
NA	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.)

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section

5

Boiler Unit Number 3

Supplemental Requirements for All Applications

1. Process Flow Diagram :	Exhibit 3
2. Fuel Analysis or Specification :	Exhibit 16
3. Detailed Description of Control Equipment :	Exhibit 17A
4. Description of Stack Sampling Facilities :	Exhibit 18
5. Compliance Test Report :	Exhibit 19(N/A)
6. Procedures for Startup and Shutdown :	Exhibit 20
7. Operation and Maintenance Plan :	Exhibit 21
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA

12. Identification of Additional Applicable Requirements :	Exhibit 11
13. Compliance Assurance Monitoring Plan :	NA
14. Acid Rain Application (Hard-copy Required) :	
NA	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.)

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section

6

Boiler Unit Number 4

Supplemental Requirements for All Applications

1. Process Flow Diagram :	Exhibit 3
2. Fuel Analysis or Specification :	Exhibit 16
3. Detailed Description of Control Equipment :	Exhibit 17A
4. Description of Stack Sampling Facilities :	Exhibit 18
5. Compliance Test Report :	Exhibit 19(N/A)
6. Procedures for Startup and Shutdown :	Exhibit 20
7. Operation and Maintenance Plan :	Exhibit 21
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :	NA
11. Alternative Modes of Operation (Emissions Trading) :	NA

12. Identification of Additional Applicable Requirements :	Exhibit 11
13. Compliance Assurance Monitoring Plan :	NA
14. Acid Rain Application (Hard-copy Required) :	
NA	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.)

III. Part 13 - 12