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 Airbill Tacking 0582984474	Recipient's Copy
11 From Date 6/4/96	Service Delivery commitment may be later in some areas. EedEx Priority Overriight FedEx Standard Overriight Second business day) FedEx Govt. Overriight (Next business afternoon) FedEx Govt. Overriight Description
Sender's MATT. MANZIONE Phone (305)-266-6667 Dept/Roor/Suite/Room Company ERDWN AND CALDWELL	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 trates apply) One pound FedEx 2Day rate.
Address 6 103 11TH ST STE 375	FedEx FedEx Other Packaging FedEx Packaging FedEx PedEx Tube
2 Your Internal Billing Reference Information 39	Does this shipment Yes (Na per stacked Support a Declaration of required) Dry Ice Dry Ice, 9, UN 1845 III (Despress Occupation of required) CA Cargo Aircraft Only (Despress Occupation of required)
Recipient's Tohn C: Brown TR PE Phone 904 1488-1344 Division or Air Resources management Dept/Roor/Suite/Room Company Total Total Office Building	Payments Sender Recipient Reci
Address 3 (OCC 17/2 17 Stone Pd (To HOLO at FedEx location, print FedEx address here) City Tinllahi SS22 State FL Zip 32399	Total Pgckages Total Weight Total Declared Value: Total Charges
For HOLD at FedEx Location check here Hold Weekday INot evaliable with FedEx first Overnight) Hot available with FedEx first Overnight or FedEx Standard Overnight) FedEx Standard Overnight FedEx Standard Overnight FedEx Standard Overnight	When declaring a value higher than \$100 per factage; you pay an additional charge. See SERVICE CONDITIONS, OCCLARED VALUE AND LIMIT OF LIABILITY section for further information. 8 Release Signature
	Your signature authorizes Federal Express to deliver this ship the ment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.
	FORM ID NO \$\text{Rev.Dato.1095: PART risrate}\$ ### D200 ### Footx 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

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,

Lee S. Casey, Chief Environmental Compliance Division

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

METRO-DADE COUNTY RESOURCES RECOVERY FACILITY ELSA 1.36 0250348-001-ALM		3.1V ENHANCED PERFORMANCE DISKETTES
RESOURCES RECOVERY FACILITY ELSA 1.36		METRO - DADE COUNTY
ELSA 1.36	•	
0250348-001-AUM	:	The latter of
0250398-001-ACM	•	J-12/1
	,	0250848-001-AM
	į	

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 Faci	ility		
3. Facility Identification Number :	50WPB13034	0250348	[] Unknown
 Facility Location: Metro-Dade County owns a resource re 0.5 miles north of NW 58th Street immedescription is the Northeast quadrant, September 1. Florida. The facility, known as the Dad under contract by Montenay Power Cor 	ediately west of Nection 17, Towns le County Resour	NW 97th Avenue, hip 53 South, Rai	, Miami. The site's legal nge 40 East of Dade County,
Street Address or Other Locator:	6990 NW 97t	h Avenue	
City: Miami	County: FL	:	Zip Code: 33178-6430
5. Relocatable Facility?		6. Exi	isting Permitted Facility?
[X] No			Yes [] No

Owner/Authorized Representative or Responsible Official

Name and Title of Owner/Authorized I	Representative or Res	ponsible 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

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

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

Purpose of Application and Category

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

This Application for Air Permit is submitted to obtain:

- [X] Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.
- [] Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number:

Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed:

[] Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number:

Operation permit to be revised:

[] Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application.

Operation permit to be revised/corrected:

[] Air operation permit revision for a Title V source for reasons other than construction or

I. Part 4 - 1

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

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 Fule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.
Operation permit to be renewed:
[] Air operation permit revision for a synthetic non-Title V source.
Operation permit to be revised:
Reason for revision:
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.

I. Part 4 - 3

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

Application Processing Fee

Check one:	
[] Attached - Amount :	[X] 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

I. Part 5 - 1

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

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

* Attach any exception to certification statement.

I. Part 6 - 1

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



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

FL

State:

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.

L. B. Ap. M. Miller Co.

I. Part 7 - 1

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

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility, Location, and Type

1. Facility UTM Coordinates:

Zone:

17

East (km):

50

564.29

North (km):

2857.40

2. Facility Latitude/Longitude:

Latitude (DD/MM/SS):

4. Facility Status

6 Longitude (DD/MM/SS): 80

21 30

3. Governmental

Facility Code:

Code:

Α

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

1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.

Fax: (305)593-1826

II. Part 1 - 1

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

Facility Regulatory Classifications

| 1 Small Dusiness Stationers Course? | |
|---|-----|
| 1. Small Business Stationary Source? | N |
| | |
| 2. Title V Source? | 37 |
| | Y |
| 3. Synthetic Non-Title V Source? | |
| | N |
| 4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)? | |
| | Υ . |
| 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. | |
| | * · |
| | |

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

Rule Applicability Analysis

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

II. Part 3a - 1

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

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

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

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

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

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

and the same of the state of th

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

| <u>List of Applicable Regulations</u>
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 |

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

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

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

List of Applicable Regulations

40 CFR 61, Appendix B

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

40 CFR 82

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.

en en figure de la companya de la 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

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.

II. Part 3b - 10

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

Effective: 3-21-96

the contract of the second of

C. FACILITY POLLUTANTS

Facility Pollutant Information

| | 1. Pollutant Emitted | 2. Pollutant Classification |
|--------------------------|--|-----------------------------|
| | со | A |
| | PB | В |
| | NOX | A |
| | РМ | В |
| | PM10 | В |
| | SO2 | A |
| • | VOC | В |
| | DIOX | В |
| | FL | В |
| | HCL | A |
| 11 3 th A 11 3 4 4 4 5 5 | ATSAM Details of the second of | B |
| | H015 | В |
| | H021 | В |

II. Part 4 - 1

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

C. FACILITY POLLUTANTS

Facility Pollutant Information

| 1. Pollutant Emitted | 2. Pollutant Classification |
|----------------------|-----------------------------|
| H114 | A |
| H113 | В |
| H027 | В |

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

| racinty rondtant imprination | Pollutant1 | |
|----------------------------------|------------|-------------|
| 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

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

| Facility Pollutant Information | Pollutant <u>2</u> | |
|----------------------------------|--------------------|-------------|
| 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

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

| Facility Pollutant Information | Pollutant3 | |
|----------------------------------|------------|-------------|
| 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

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

| racinty Ponutant 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

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

| Facility Pollutant Informat | ion Pollutant <u>5</u> | |
|-----------------------------|------------------------|-------------|
| 1. Pollutant Emitted: | PM10 | |
| 2. Requested Emissions Cap | (lbs/hour) | (tons/year) |
| 3. Basis for Emissions Cap | Code: | |
| 4. Facility Pollutant Commo | ent: | |

II. Part 4b - 5

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

| Facility Pollutant Information | Pollutant <u>6</u> | |
|----------------------------------|--------------------|-------------|
| 1. Pollutant Emitted: SO2 | | |
| 2. Requested Emissions Cap: | | |
| | (lbs/hour) | (tons/year) |
| 3. Basis for Emissions Cap Code: | | |
| 4. Facility Pollutant Comment: | | |
| | | |
| | | |

The service of the Control of the Service of the Se

II. Part 4b - 6

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

| Facility Pollutant Information | Pollutant7 | |
|----------------------------------|------------|-------------|
| 1. Pollutant Emitted: VOC | | |
| 2. Requested Emissions Cap: | | |
| • | (lbs/hour) | (tons/year) |
| 3. Basis for Emissions Cap Code: | | |
| 4. Facility Pollutant Comment: | | |
| | | |
| | | |

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

| Facility Pollutant Information | Pollutant <u>8</u> | |
|----------------------------------|--------------------|-------------|
| 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

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

| Facility Pollutant Information | Pollutant <u>9</u> | |
|----------------------------------|--------------------|-------------|
| 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

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

| Facility Pollutant Information | Pollutant <u>10</u> | |
|----------------------------------|---------------------|-------------|
| 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

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

| Facility Pollutant Information | Pollutant 11 | |
|--------------------------------|--------------|-------------|
| 1. Pollutant Emitted: | SAM | |
| 2. Requested Emissions Cap: | (lbs/hour) | (tons/year) |
| 3. Basis for Emissions Cap Co | de: | |
| 4. Facility Pollutant Comment | :: | |

II. Part 4b - 9

The state of the s

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

| Facility Pollutant Information | Pollutant <u>12</u> | |
|----------------------------------|---------------------|-------------|
| 1. Pollutant Emitted: Ho | 015 | |
| 2. Requested Emissions Cap: | (lbs/hour) | (tons/year) |
| 3. Basis for Emissions Cap Code: | | |
| 4. Facility Pollutant Comment: | | |

II. Part 4b - 10

DEP Form No. 62-210.900(1) - Form DEP Form No. 02-210.300(1) Effective: 3-21-96

| 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

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

| racility Pollutant Information | Pollutant14 | |
|----------------------------------|-------------|-------------|
| 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

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

| Facility Pollutant Information | Pollutant <u>15</u> | |
|----------------------------------|---------------------|-------------|
| 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

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

Effective: 3-21-96

Programme and the second

| Facility Pollutant Information | Pollutant <u>16</u> | |
|----------------------------------|---------------------|-------------|
| 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

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

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 |

II. Part 5 - 1

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

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

| Emissio | ons Unit Information Section 1 |
|----------|---|
| Boiler U | nit Number 1 |
| Type of | Emissions Unit Addressed in This Section |
| 1. Regu | lated 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. Sing | le 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 - 1

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

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

| Emissic | ons Unit Information Section 2 |
|----------|---|
| Refuse I | Derived Fuel Processing and Biomass Production |
| Type of | Emissions Unit Addressed in This Section |
| 1. Regu | lated 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. Sing | le Process, Group of Processes, or Fugitive Only? Check one: |
| [] | This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent). |
| [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

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

| Emissio | ons Unit Information Section3 |
|---------|---|
| Ash Han | dling |
| Type of | Emissions Unit Addressed in This Section |
| 1. Regu | alated 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. Sing | le Process, Group of Processes, or Fugitive Only? Check one: |
| [] | This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent). |
| [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

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

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

| Emissio | ons Unit Information Section4 |
|----------|---|
| Boiler U | nit Number 2 |
| Type of | Emissions Unit Addressed in This Section |
| 1. Regu | ulated 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. Sing | le 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 - 4

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

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

| Emissio | ons Unit Information Section 5 |
|----------|---|
| Boiler U | nit Number 3 |
| Type of | Emissions Unit Addressed in This Section |
| 1. Regu | ulated 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. Singl | le 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

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

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

| Emissic | ons Unit Information Section6 |
|----------|---|
| Boiler U | nit Number 4 |
| Type of | Emissions Unit Addressed in This Section |
| 1. Regu | ulated 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. Sing | le 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 - 6

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

| Emissions | Unit | Information Section | 1 |
|------------------|------|---------------------|---|
| | | | |

Emissions Unit Description and Status

| 1. Description of Emissions Unit Addressed in This Section : | | | | | |
|---|---|---|--|--|--|
| Boiler Unit Number 1 | | | | | |
| Emissions Unit Identification No Corresponding I | | nknown | | | |
| 3. Emissions Unit Status Code: A | 4. Acid Rain Unit? [] Yes [X] No | 5. Emissions Unit Major
Group SIC Code: 49 | | | |
| Conditions of Certification. Cur
combined emissions exit a share
flue and the emissions from BU | rently, the emissions from this united flue. After the upgrade, the emissions | nt upgrade according to the revised it mix with those from BU2 and the issions from BU1 will exit a single of lues will be in one dual flue stack fugitive emissions. | | | |

III. Part 2 - 1

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

| Emissions | Unit | Information Section | 2 |
|------------------|------|----------------------------|---|
| | | | |

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] U | nknown | | | | |
| 3. Emissions Unit Status | 4. Acid Rain Unit? | 5. Emissions Unit Major | | | | |
| Code: A | [] Yes [X] No | 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. | | | | | | |

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

| Emissions Unit Information | on Section | 3 |
|-----------------------------------|------------|---|
|-----------------------------------|------------|---|

Emissions Unit Description and Status

| 1. Description of Emissions Unit Addressed in This Section : | | | | | | |
|--|-----------------------------------|--|--|--|--|--|
| Ash Handling | | | | | | |
| Emissions Unit Identificati No Correspondir | | 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. | | | | | | |

III. Part 2 - 3

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

| Emissions | Unit | Information | Section | 4 |
|------------------|------|-------------|---------|---|
| | | | | |

Emissions Unit Description and Status

| 1. | Description of Emissions Unit | Address | sed in | This S | ection: | | |
|----|--|--|--------------------------------|---------------------------------|---|--|-----------------|
| | Boiler Unit Number 2 | | | | | | |
| 2. | Emissions Unit Identification [] No Corresponding I | | : | | [X] Uı | nknown | |
| 3. | Emissions Unit Status Code: A | 4. Acid | | Unit?
[X] | No | 5. Emissions Unit Major
Group SIC Code: | 49 |
| 6. | Emissions Unit Comment: This EU-B2 unit is undergoing a Conditions of Certification. Curr combined emissions exit a share flue and the emissions from BU: and will include the lime silo an | rently, the
d flue. A
2 will exi | e emis
After th
it a sep | sions fr
e upgra
arate fl | om this uni
de, the emi
ue. The two | t mix with those from BU1 ar
issions from BU1 will exit a s
o flues will be in one dual flue | nd the
ingle |

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

| Emissions Unit Information Section | 5 | |
|---|---|--|
|---|---|--|

Emissions Unit Description and Status

| ID IN CELL III | A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
|---|---|---|
| 1. Description of Emissions Unit | Addressed in This Section: | |
| Boiler Unit Number 3 | | |
| 2. Emissions Unit Identification | Number · | |
| [] No Corresponding I | | ıknown |
| 3. Emissions Unit Status Code: A | 4. Acid Rain Unit? [] Yes [X] No | 5. Emissions Unit Major
Group SIC Code: 49 |
| Conditions of Certification. Cur
combined emissions exit a share
flue and the emissions from BU | rently, the emissions from this united flue. After the upgrade, the emi | at upgrade according to the revised at mix with those from BU4 and the ssions from BU3 will exit a single of flues will be in one dual flue stack fugitive emissions. |

III. Part 2 - 5

1000

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

the second control of the second second second

| Emissions Unit Information Section | 6 |
|---|---|
|---|---|

Emissions Unit Description and Status

| 1. Description of Emissions Unit | Addressed in This Section: | |
|---|--|--|
| Boiler Unit Number 4 | | |
| Emissions Unit Identification No Corresponding I | | Unknown |
| [] No corresponding I | [4] | |
| 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: | | |
| Conditions of Certification. Cur
combined emissions exit a share
flue and the emissions from BU | rently, the emissions from this used flue. After the upgrade, the er | nent upgrade according to the revised nit mix with those from BU3 and the missions from BU3 will exit a single wo flues will be in one dual flue stack d fugitive emissions. |

III. Part 2 - 6

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

| Emissions Unit Information Section Boiler Unit Number 1 |
|---|
| Emissions Unit Control Equipment 1 |
| 1. Description: |
| Staged Air Combustion (Multiple air zones in furnace) - Exisiting |
| 2. Control Device or Method Code: 25 |

III. Part 3 - 1

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

| Emissions Unit Information Section Boiler Unit Number 1 | 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

| Emissions Unit Information Section | 1 |
|---|---|
| Boiler Unit Number 1 | |

Emissions Unit Control Equipment 3

| 1. Description: | | |
|---|--------------|--|
| Lime slurry scrubbing/Spray Dryer Absorbe | er - Upgrade | |
| | | |
| 2. Control Device or Method Code: | 67 | |
| 2. Conditi Bevice of Medica Code . | 0, | |

III. Part 3 - 3

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

Effective: 3-21-96

| Emissions Unit Information Section Boiler Unit Number 1 | 1 |
|---|----|
| Emissions Unit Control Equipment | 4_ |
| 1. Description: | |
| Fabric Filter - Upgrade | |
| 2. Control Device or Method Code : | 16 |

III. Part 3 -

4

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

| Boiler Unit Number 1 | |
|-------------------------------------|----|
| Emissions Unit Control Equipment | 5 |
| 1. Description: | |
| Mercury Reagent Injection - Upgrade | |
| | |
| 2. Control Device or Method Code: | 99 |

III. Part 3 - 5

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

Emissions Unit Information Section 1

| Emissions | Unit | Control | Equipment | 1 |
|------------------|------|----------------|------------------|---|
| | | | | |

| 4 | _ | • | . • | |
|----|------|----|--------|---|
| | Desc | mm | ition. | ٠ |
| 1. | レしいし | ul | | |

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

III. Part 3 - 6

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

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

III. Part 3 - 7

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

| Emissions Unit Control Equipment | 3 |
|---|---|
|---|---|

| 1. | Description: | | |
|----|---|----|---|
| | • | | AFX5720XX88339 (baghouse) filter. This filter r and also services covered conveyor belts. |
| 2. | Control Device or Method Code: | 17 | |

| Emissions | Unit | Control | Equipment | 4 |
|------------------|------|----------------|------------------|---|
| | | | | |

| 1. | Description: | | |
|----|--|----|-------|
| | Fabric Filter - Existing - Clarke Equipment connects with the #1 & #2 trash processing | |
, |
| 2. | Control Device or Method Code: | 17 | |

III. Part 3 - 9

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

Effective: 3-21-96

A State of the State of

Emissions Unit Control Equipment 5

| 1. | Description: | | | |
|----|---|---|--|--|
| | • | 144MWP212-160 garbage shredder line (baghouse) filter. Ider and also services covered conveyor belts. | | |
| 2. | Control Device or Method Code: | 17 | | |

III. Part 3 - 10

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

Emissions Unit Control Equipment 6

| 1. | Description : | | | |
|----|--------------------------------|--|--|--|
| | • • • | 144MWP212-160 garbage shredder line (baghouse) filter. der and also services covered conveyor belts. | | |
| 2. | Control Device or Method Code: | 17 | | |

III. Part 3 - 11

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

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

III. Part 3 - 12

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

| Emissions | <u>Unit</u> | <u>Control</u> | <u>Equip</u> | <u>ment</u> | 8 | 3 |
|------------------|-------------|----------------|--------------|-------------|---|---|
| | | | | | | |
| | | | | | | |

| 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 |

III. Part 3 - 13

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

| Emissions Unit Information Section3 Ash Handling | |
|--|---------------------------------------|
| Emissions Unit Control Equipment 1 | · · · · · · · · · · · · · · · · · · · |
| 1. Description : | |
| Ash Silo Baghouse | |
| | |
| 2. Control Device or Method Code: 17 | |
| | |

Ш. Part 3 -

14

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

| Emissions Unit Information Section | 3 |
|---|---|
| Ash Handling | |

| Emissions | Unit | Control | Equipment | 2 |
|------------------|------|----------------|------------------|---|
| | | | | |

| 1. Description: | | | |
|------------------------------------|----|--|------|
| Ash Conditioner | | | |
| | | | |
| 2 Control Device or Method Code: | 61 | |
 |
| 2. Control bevice of Medica Code . | O1 | | |
| 2. Control Device or Method Code: | 61 | | |

III. Part 3 - 15

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

| Emissions Unit Information Section Boiler Unit Number 2 | 4 |
|--|------------------------------|
| Emissions Unit Control Equipment | 1 |
| 1. Description: | |
| Staged Air Combustion (Multiple air zo | ones in furnace) - Exisiting |
| 2. Control Device or Method Code: | 25 |

III. Part 3 - 16

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

| <u>4</u> |
|--|
| <u>. </u> |
| |
| |
| |
| 9 |
| |

III. Part 3 - 17

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

| 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

III. Part 3 - 18

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

Emissions Unit Information Section
Boiler Unit Number 2

| Emissions Unit Control Equipment 4 | 4 |
|---|---|
|---|---|

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

III. Part 3 - 19

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

| Emissions Unit Information Section | 4 |
|---|---|
| Boiler Unit Number 2 | |

| Emissions Un | nit Control | Equipment | 5 |
|---------------------|-------------|------------------|---|
| | | | |

| _ |
|---|
| |
| |

III. Part 3 - 20

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

Emissions Unit Information Section 5
Boiler Unit Number 3

Emissions Unit Control Equipment 1

| 1. Description : | | | |
|--|----------------------------|----|--|
| Staged Air Combustion (Multiple air zo | nes in furnace) - Exisitir | ng | |
| | | | |
| 2. Control Device or Method Code: | 25 | | |

III. Part 3 - 21

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

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 |
| · | |
| | |

III. Part 3 - 22

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

Emissions Unit Information Section 5
Boiler Unit Number 3

| Emissions | Unit | Control | Equipment | 3 |
|------------------|------|---------|-----------|---|
| | | | | |

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

III. Part 3 - 23

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

Effective: 3-21-96

Supplement

| Emissions Unit Information Section | 5 |
|------------------------------------|---|
| Boiler Unit Number 3 | |

Emissions Unit Control Equipment 4

| | 1. Description: | | | |
|---|-----------------------------------|----|---|--|
| | Fabric Filter - Upgrade | | | |
| | | | | |
| I | | | | |
| l | 2. Control Device or Method Code: | 16 | | |
| l | | | ٠ | |
| ı | | | | |

III. Part 3 - 24

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

| Boiler Unit Number 3 | |
|-------------------------------------|----|
| Emissions Unit Control Equipment | 5 |
| 1. Description: | |
| Mercury Reagent Injection - Upgrade | |
| 2. Control Device or Method Code: | 99 |

III. Part 3 -

25

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

| Emissions Unit Information Section | 6 |
|---|---|
| Boiler Unit Number 4 | |

| Emissi | <u>ions</u> | <u>Unit</u> | <u>Control</u> | Equipmen | t | 1 |
|---------------|-------------|-------------|----------------|----------|---|---|
| | | | | | | |

| 1 | 1. Description : | | | | | |
|---|---|--|--|--|--|--|
| | Staged Air Combustion (Multiple air zones in furnace) - Exisiting | | | | | |
| | | | | | | |
| 2 | 2. Control Device or Method Code: 25 | | | | | |
| | | | | | | |

III. Part 3 -

26

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

| 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 | | | |
| | | | | |
| | | | | |

III. Part 3 - 27

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

Emissions Unit Information Section
Boiler Unit Number 4

| Emissions Unit Control Equipment 3 | Emissions | Unit | Control | Equipment | 3 |
|---|------------------|------|----------------|------------------|---|
|---|------------------|------|----------------|------------------|---|

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

III. Part 3 - 28

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

| Emissions Unit Information Section | 6 |
|---|---|
| Boiler Unit Number 4 | |

| <u>Emissions</u> | <u>Unit</u> | <u>Control</u> | Equipment | 4 |
|------------------|-------------|----------------|------------------|---|
| | | | | |

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

III. Part 3 - 29

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

Emissions Unit Information Section
Boiler Unit Number 4

Emissions Unit Control Equipment 5

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

III. Part 3 - 30

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

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

III. Part 4 -

1

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

III. Part 4 -

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

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:

Dwell Time:

Degrees Fahrenheit

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

III. Part 4 - 3

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

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 | d upon nominal design | data and is not a maximum limit. |

Emissions Unit Operating Schedule

Emissions Unit Information Section

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

III. Part 4 -

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

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

III. Part 4 - 5

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

III. Part 4 - 6

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

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

III. Part 4 -7

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

III. Part 4 - 8

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

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: Zurn

Model Number: Serial No. 101158

4. Generator Nameplate Rating:

77

MW

5. Incinerator Information:

Dwell Temperature:

1,600

Degrees Fahrenheit

Dwell Time:

1

Seconds

725.76

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

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

III. Part 4 - 9

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

III. Part 4 -10

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

| Emissions Unit Information Section
Boiler Unit Number 1 | 1 |
|--|------------------------------|
| Rule Applicability Analysis | |
| This section is not applicable since the fa | icility is a Title V source. |

III. Part 6a - 1

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

| Emissions l | Unit Inf | formation | Sect | tion | 2 |
|--------------------|----------|-------------------|------|---------|------------|
| Refuse Deriv | ved 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

| Emissions Unit Information Section Ash Handling | 3 |
|--|--|
| Rule Applicability Analysis | <u>. </u> |
| This section is not applicable since the fac | cility is a Title V source. |

III. Part 6a - 3

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

| Emissions Unit Information Section Boiler Unit Number 2 | 4 |
|--|----------------------------|
| Rule Applicability Analysis | |
| This section is not applicable since the fac | ility is a Title V source. |

III. Part 6a - 4

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

| soiler Unit Number 3 | |
|--|--|
| tule 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

| | Emissions Unit Information Section 6 800 800 800 800 800 800 800 800 800 8 |
|-----------------------------|--|
| 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

Emissions Unit Information Section

Boiler Unit Number 1

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

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

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

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

Ш. Part 6b - 3

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

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

III. Part 6b - 4

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

Boiler Unit Number 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

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

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

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

Emissions Unit Information Section

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)

| Emissions Unit Information Section | 3 |
|---|---|
| Ash Handling | |

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.

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

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

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

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

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

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

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

III. Part 6b - 14

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

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

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

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.

III. Part 6b - 17

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

Emissions Unit Information Section 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

III. Part 6b - 19

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

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

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

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

III. Part 6b - 22

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

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

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

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.

Ш. Part 6b - 25

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

Emissions Unit Information Section 5

Boiler Unit Number 3

<u>List of Applicable Regulations</u> 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.

62-204.800(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

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

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

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

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

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

III. Part 6b - 30

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

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

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

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

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

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.

III. Part 6b - 33

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

Emissions Unit Information Section Boiler Unit Number 4

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

| 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 Emission (limit to 100 characters per point) The existing common stack will be replaced w/ a dual flue st | | |
| 4. ID Numbers or Descriptions of Emission Units with this | Emission Poin | t in Common : |
| N/A | | |
| 5. Discharge Type Code: | v | |
| 6. Stack Height: | 250 | feet |
| 7. Exit Diameter: | 8.5 | feet |
| 8. Exit Temperature : | 270 | ۰F |
| 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: | | 2.1 |
| Zone: 17 East (km): 564.483 | North (ka | m): 2857.558 |
| 14. Emission Point Comment: The provided stack information corresponds to the upgrade provided for items #8 through #11. As-built information or | - • | • |

III. Part 7a - 1

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

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 U (limit to 100 characters per point) Ash silo baghouse and ash conditioning reagent baghouse being as | | |
| 4. ID Numbers or Descriptions of Emission Units with this Emis | ssion Point | t 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: | est. | |
| Zone: 17 East (km): 564.400 | North (kn | n): 2857.558 |
| 14. Emission Point Comment: The provided information corresponds to the upgrade project. Profinal design data is not yet available. | eliminary d | ata are provided although |

III. Part 7a - 2

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

Emissions Unit Information Section

| Boiler Unit Number 2 | | |
|--|-------------|--------------|
| | | |
| Emission Point Description and Type: | | |
| 1. Identification of Point on Plot Plan or Flow Diagram : Si | B2-1 | |
| 2. Emission Point Type Code: 1 | | |
| 3. Descriptions of Emission Points Comprising this Emissions I (limit to 100 characters per point) The existing common stack will be replaced w/ a dual flue stack (| | • |
| 4. ID Numbers or Descriptions of Emission Units with this Emi | ssion 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 (kn | a): 2857.558 |
| 14. Emission Point Comment: The provided stack information corresponds to the upgrade projection provided for items #8 through #11. As-built information or test of the upgrade projection information or test of the upgrade projection in the upgrade pro | | • |

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

Emissions Unit Information Section

| 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 Emission (limit to 100 characters per point) The existing common stack will be replaced w/ a dual flue stack. | | _ |
| 4. ID Numbers or Descriptions of Emission Units with this E | Emission Poin | t 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 (ka | m): 2857.558 |
| 14. Emission Point Comment: The provided stack information corresponds to the upgrade p provided for items #8 through #11. As-built information or te | • | • • |

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

| Emissions Unit Information Section6_ | | |
|--|---------------|--------------|
| 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 Emissi (limit to 100 characters per point) The existing common stack will be replaced w/ a dual flue state. | | - |
| 4. ID Numbers or Descriptions of Emission Units with this | Emission Poin | t in Common: |
| | | |
| 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 (kı | m): 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. | | |

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

| 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 Emiss | sions 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 thi | s 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: | the second of the second of |
| 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
The combined flow rates for points 1-4 and 5-8 after biomarespect. | |

III. Part 7b - 1

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

Emissions Unit Information Section

Refuse Derived Fuel Processing and Biomass Production

| 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 Emis | ssions Unit : |
| SRDF2 is a 5 ft dia. vent above the 17 ft dia. trash baghous | e w/25000 scfm from shredders & process. |
| 4. ID Numbers or Descriptions of Emission Units with the | nis 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 SDRF. The combined flow rates for points 1-4 and 5-8 after biom respect. | |

III. Part 7b - 2

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

Emissions Unit Information Section

| 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 Emiss | ions Unit: | |
| SRDF3 is a 5 ft dia. vent above the 17 ft dia. trash baghouse | w/28000 scfm fro | om biomass trommels. |
| 4. ID Numbers or Descriptions of Emission Units with this | s Emission Poin | t in Common: |
| Not Applicable. | | |
| 5. Discharge Type Code: | w | |
| 6. Stack Height: | | feet |
| 7. Exit Diameter : | | feet |
| 8. Exit Temperature : | 77 | °F |

12. Nonstack Emission Point Height:

11. Maximum Dry Standard Flow Rate:

55 feet

acfm

dscfm

%

13. Emission Point UTM Coordinates:

Emissions Unit Information Section

Zone:

17

9. Actual Volumetric Flow Rate:

10. Percent Water Vapor:

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.

2

| 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 ft | rom biomass trommels. |
| 4. ID Numbers or Descriptions of Emission Units with this Emission Poi | nt in Common: |
| Not Applicable. | |
| 5. Discharge Type Code: | |
| 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 (k | m): 2,857.422 |
| 14. Emission Point Comment: Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone 17, The combined flow rates for points 1-4 and 5-8 after biomass are 113000 acrespect. | |

III. Part 7b - 4

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

Emissions Unit Information Section

Refuse Derived Fuel Processing and Biomass Production

| 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 Emissi | ions Unit: | |
| SRDF5 is a 2 ft dia. vent above the 11.5 ft dia. trash baghous | e 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-
The combined flow rates for points 1-4 and 5-8 after biomas
respect. | · · · · · · · · · · · · · · · · · · · | |

2

| Emission Point Description and Type: | |
|--|---------------------|
| 1. Identification of Point on Plot Plan or Flow Diagram : SRDF1,2 | 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 s | cfm 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 | h (km): 2,857.422 |
| 14. Emission Point Comment:
Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone
The combined flow rates for points 1-4 and 5-8 after biomass are 11300
respect. | |

III. Part 7b - 6

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

Emissions Unit Information Section

Refuse Derived Fuel Processing and Biomass Production

2

| 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 | nt 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 (kg | m): 2,857.422 |
| 14. Emission Point Comment: Item 13 represents SDRF1-4 Coord. The Coord. of SDRF5-8 are: Zone 17, 5 The combined flow rates for points 1-4 and 5-8 after biomass are 113000 ac respect. | |

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

Emissions Unit Information Section

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 Emission | ons 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 l | 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
The combined flow rates for points 1-4 and 5-8 after biomass respect. | |

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

Emissions Unit Information Section

Refuse Derived Fuel Processing and Biomass Production

| Emissions Unit Information Section 1 | | |
|---|------------------------------------|--|
| Boiler Unit Number 1 | | |
| Segment Description and Rate: Segment | <u> </u> | |
| 1. Segment Description (Process/Fuel Type and | Associated Operating Method/Mode): | |
| Combustion of refused derived fuel. | | |
| 2. Source Classification Code (SCC): 5-01-0 | 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

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

| Emissions Unit Information Section | 1 | |
|--|--|--|
| Boiler Unit Number 1 | | |
| Segment Description and Rate: Segment 2 | | |
| 1. Segment Description (Process/Fuel Type a | 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 Item 7 is 0.012%. Item 9 is 90800 Btu/gal. | reach appropiate temperature. | |
| Max. hourly rate at 80 mmBtu/hr, max. annu | ual rate <20% total heat input. | |

III. Part 8 - 2

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

| 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

| 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 A | Associated Operating Method/Mode): | |
| Not Applicable | | |
| 2. Source Classification Code (SCC): | | |
| | | |
| 3. SCC Units: | | |
| A Marianan Haraba Daka | 5 Marinum Annual Data | |
| 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

| Emissions Unit Information Section 4 | | |
|---|--|--|
| Boiler Unit Number 2 | | |
| Segment Description and Rate: Segment 1 | <u> </u> | |
| Segment Description (Process/Fuel Type and Asso
Combustion of refused derived fuel. | ciated Operating Method/Mode): | |
| 2. Source Classification Code (SCC): 5-01-001-0 | 3 | |
| 3. SCC Units: Tons Processed | | |
| 4. Maximum Hourly Rate: 33 5. I | 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 : | April 1 To the Control of the Contro | |
| 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

| Emissions Unit Information Section 4 | - |
|--|---|
| Boiler Unit Number 2 | |
| Segment Description and Rate: Segment | 2 |
| Segment Description (Process/Fuel Type and A Combustion of auxiliary propane in boilers. | Associated Operating Method/Mode): |
| 2. Source Classification Code (SCC): 5-01-9 | 00-10 |
| 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: | प्रदेशका का अन्य का |
| Propane is combusted in boilers at startup to reach Item 7 is 0.012%. Item 9 is 90800 Btu/gal. Max. hourly rate at 80 mmBtu/hr, max. annual rates. | |

III. Part 8 - 6

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

| Emissions Unit Information Section 5 | - |
|---|---|
| Boiler Unit Number 3 | |
| Segment Description and Rate: Segment | 1 |
| 1. Segment Description (Process/Fuel Type and A | Associated Operating Method/Mode): |
| Combustion of refused derived fuel. | |
| 2. Source Classification Code (SCC): 5-01-0 | 01-03 |
| 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: | Supplied to the second of the |
| Item 9 is 0.0056. The normal operating method will be the combus tires, etc. | stion of refuse derived fuel, including garbage, trash, |

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

| | Description and Rate | | nt <u>2</u> | |
|-----------|---------------------------|-----------------|-----------------------------------|-----------|
| 1. Segme | ent Description (Proces | ss/Fuel Type | and Associated Operating Method/M | ode): |
| Comb | oustion of auxiliary prop | ane in boilers. | | |
| | | | | |
| 2. Source | e Classification Code | (SCC): 5 | -01-900-10 | |
| | | | | |
| 3. SCC U | Jnits: Gallons Used | | | |
| | | | | |
| | | | 1 | |
| 4. Maxin | num Hourly Rate: | 900 | 5. Maximum Annual Rate: | 6,100,000 |
| | | | | |
| 6. Estima | ated Annual Activity F | actor: | | |
| | , | | | |
| 7. Maxin | num Percent Sulfur: | 0 | 8. Maximum Percent Ash: | |
| | | | | |
| 9. Millio | n Btu per SCC Unit: | 0 | | |
| | F | | | |
| | | | | |
| 10. Segn | nent Comment: | | | |

III. Part 8 - 8

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

| 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): 5-01-0 | 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 | _I | | |
| 10. Segment Comment : | | | |
| Item 9 is 0.0056. The normal operating method will be the combutires, etc. | stion of refuse derived fuel, including garbage, trash, | | |

III. Part 8 - 9

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

| 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): 5-01-9 | 000-10 |
| 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 read Item 7 is 0.012%. Item 9 is 90800 Btu/gal. Max. hourly rate at 80 mmBtu/hr, max. annual rates. | |

III. Part 8 - 10

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

Emissions Unit Information Section 1 Boiler Unit Number 1

| 1. Pollutant Emitted | Primary Control Device Code | Secondary Control Device Code | 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

| Emissions Unit Information Section | 1 |
|------------------------------------|---|
| Boiler Unit Number 1 | |

| 1. Pollutant Emitted | Primary Control Device Code | 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 |

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

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

Emissions Unit Information Section 3
Ash Handling

| 1. Pollutant Emitted | Primary Control Device Code | Secondary Control Device Code | Pollutant Regulatory Code |
|----------------------|---------------------------------|-----------------------------------|-------------------------------|
| 1 - PM | 016 | 061 | EL |

III. Part 9a - 4

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

Emissions Unit Information Section 4 Boiler Unit Number 2

| 1. Pollutant Emitted | Primary Control Device Code | 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

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

Emissions Unit Information Section 4
Boiler Unit Number 2

| 1. Pollutant Emitted | Primary Control Device Code | 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 |

Emissions Unit Information Section Boiler Unit Number 3

| 1. Pollutant Emitted | Primary Control Device Code | 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

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

Emissions Unit Information Section 5 Boiler Unit Number 3

| 1. Pollutant Emitted | Primary Control Device Code | 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 |

| Emissions Unit Information Section | 6 |
|---|---|
| Boiler Unit Number 4 | |

| 1. Pollutant Emitted | 2. Primary Control
Device Code | 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

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

Emissions Unit Information Section 6
Boiler Unit Number 4

| 1. Pollutant Emitted | Primary Control Device Code | 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 - 10

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

| Boiler Unit Number 1 | | | | |
|--|--|--|--|--|
| Pollutant Potential/Estimated Emissions: Pollutant1_ | | | | |
| 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. | | | | |
| | | | | |

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

| Boiler Unit Number 1 | _ | | |
|---|-----------|----------|-----------|
| Pollutant Potential/Estimated Emissions: Po | llutant 2 | | |
| 1. Pollutant Emitted: PB | | | |
| 2. Total Percent Efficiency of Control: 99 | % | | |
| 3. Potential Emissions: | | | |
| 0 lb/hou | r 0 | tons/yea | r |
| 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 lb/mmBtu * 302.4 mmBtu/hr = 0.10 lb/l
0.10 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 0.44 TPY | | | |
| 9. Pollutant Potential/Estimated Emissions Comm | nent: | | |
| 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. | | | |

III. Part 9b - 2

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

| Emissions Unit Information Section1 Boiler Unit Number 1 | | | |
|--|--|--|--|
| 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. | | | |

III. Part 9b - 3

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

| Emissions Unit Information Section Boiler Unit Number 1 | | | |
|--|-------------|-----------------|-----------|
| 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? [] Yes [X] 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: | | | |
| 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 i | is concenti | ration dependen | t. |

III. Part 9b - 4

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

| Emissions Unit Information Section Boiler Unit Number 1 | | | |
|--|----------------|--|--|
| Pollutant Potential/Estimated Emissions: Pollutant | <u>5</u> | | |
| 1. Pollutant Emitted: PM10 | | | |
| 2. Total Percent Efficiency of Control: 99 % | | | |
| 3. Potential Emissions: | | | |
| 7 lb/hour 29 | tons/year | | |
| 4. Synthetically Limited? [] Yes [X] 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: | | | |
| 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

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

| Boiler Unit Number 1 | | | |
|---|----------------|-----------|----------|
| Pollutant Potential/Estimated Emissions: Pollutant | utant <u>6</u> | | |
| 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 to | ons/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 Comme | nt : | | |
| 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. | | | |

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

| Boiler Unit Number 1 | | | |
|--|----------------|--|--|
| Pollutant Potential/Estimated Emissions: Pollutant7 | | | |
| 1. Pollutant Emitted: VOC | | | |
| 2. Total Percent Efficiency of Control: 0 % | | | |
| 3. Potential Emissions: | | | |
| 4 lb/hour 19 | 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: | | | |
| 0.0145lb/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

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

| Boiler Unit Number 1 | | | | | | |
|----------------------|-----------------------|----------------|--|--------------|---------|-----------|
| Pollutant Po | tential/Est | imated Emiss | sions: Pollut | ant <u>8</u> | | |
| 1. Pollutant | Emitted: | DIOX | | | | |
| 2. Total Per | cent Efficie | ency of Contro | ol: 90 | % | | |
| 3. Potential | Emissions | | 11- // | 0 | Ann a l | |
| | | 0 | lb/hour | 0 | tons/ | year |
| 4. Synthetic [] Yes | • | d?
X]No | | | | |
| 5. Range of | Estimated | Fugitive/Othe | r Emissions: | 4 0 | to 1 | tons/year |
| 6. Emission | s Factor : eference : | PA 77-08 | _ | | | |
| 7. Emission | s Method C | Code: 0 | | | | |
| 8. Calculation | ons of Emi | ssions : | | | ٠. | |
| | | | mBtu/hr = 0.00009
lb/ton = 0.000069 | | | |
| 9. Pollutant | Potential/E | Estimated Emi | ssions Comment | • | | |
| 24-hr da | ily ave). | · | tions of Certificat | | | |

III. Part 9b - 8

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

| Emissions Unit Information Section
Boiler Unit Number 1 | 1 | | | | | |
|--|-----------------|--------|---------------|----|--------|-----------|
| Pollutant Potential/Estimated Emission | <u>s:</u> Pollu | tant | 9 | - | | |
| 1. Pollutant Emitted: FL | | | | | | |
| 2. Total Percent Efficiency of Control: | 90 | | % | | | |
| 3. Potential Emissions: | lb/hour | | 1 | | tons/y | rear |
| | 10/110th | | 1 | | tons/y | |
| 4. Synthetically Limited? [] Yes [X] No | | | | | | · |
| 5. Range of Estimated Fugitive/Other En | nissions: | 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 * 8,760 hr/yr / 2,000 lb/ton : | | | | | | |
| 9. Pollutant Potential/Estimated Emission | ns Commer | nt : | | | | |
| Item 6 is 7.3E-4 lb/mmBtu (Conditions 24-hr daily ave.). Item 2 is based upon design conditions, | | | | | | |
| | | | . | | | |

III. Part 9b - 9

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

| | iler Unit Number 1 |
|-----------|--|
| <u>Po</u> | llutant Potential/Estimated Emissions: Pollutant 10 |
| 1. | Pollutant Emitted: HCL |
| 2. | Total Percent Efficiency of Control: 90 % |
| 3. | Potential Emissions : 31 lb/hour 134 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: |
| | 0.10lb/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. |

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

| Boiler Unit Number 1 | | | |
|---|-----------------|-------------------|-----------|
| Pollutant Potential/Estimated Emissions: Pollu | itant <u>11</u> | | |
| 1. Pollutant Emitted: SAM | | | |
| 2. Total Percent Efficiency of Control: 70 | % | | |
| 3. Potential Emissions: | 10 | | |
| 2 lb/hour | 10 | tons/y | ear |
| 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 Commer | nt: | | |
| Item 6 is .007 lb/mmBtu (Conditions of Certification daily ave.). | | | |
| Item 2 is based upon design conditions, actual emiss | sions maybe bel | ow detection limi | its. |

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

| Emissions Unit Information Section1
Boiler Unit Number 1 | | | |
|---|-----------------|--------|-----------|
| Pollutant Potential/Estimated Emissions: Polluta | nt <u>12</u> | - | |
| 1. Pollutant Emitted: H015 | | | |
| 2. Total Percent Efficiency of Control: 99 | % | | |
| 3. Potential Emissions: 0 lb/hour | 0 | tons/y | 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: | | | |
| .00000811b/mmBtu * 302.4 mmBtu/hr = .00241b/hr
.00241b/hr * 8760 hr/yr / 2000 lb/ton = .011TPY | | | |
| 9. Pollutant Potential/Estimated Emissions Comment | : | | - |
| Item 2 is based on an assumed control efficiency of fall Item 6 is 8.1E-6 lb/mmBtu. for As. | oric filter for | PM. | |

III. Part 9b - 12

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

| Boiler Unit | | imation Sect | <u> </u> | | | |
|------------------|-------------------------------------|-------------------------------------|-------------------------------------|---------------|------|----------------|
| <u>Pollutant</u> | Potential/Es | timated Emiss | ions: Polluta | ant <u>13</u> | - | |
| 1. Polluta | ant Emitted: | H021 | | | | |
| 2. Total l | Percent Effici | ency of Contro | 1: 99 | % | | |
| 3. Potenti | ial Emissions | | | | | |
| | | 0 | lb/hour | 0 | ton | s/year
———— |
| 4. Synthe | etically Limite Yes [| ed?
[X] No | | | | |
| 5. Range | of Estimated | Fugitive/Other | Emissions: | 4
0 | to 1 | tons/year |
| 6. Emissi | ions Factor :
Reference : | PA 77-08 | | | | |
| 7. Emissi | ons Method (| Code: 0 | | | | |
| 8. Calcul | ations of Emi | issions : | | | | |
| | | u * 302.4 MMB
hr/yr / 2000 lb/to | tu/hr = .00012lb/l
on = .0005TPY | nr | | |
| 9. Polluta | ant Potential/I | Estimated Emis | sions Comment | • | | |
| | 6 is 4.0E-7 lb/r
2 is based on c | - | of fabric filter fo | or PM for Be. | | |
| | | | | | | |

III. Part 9b - 13

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

| Emissions Unit Information Section
Boiler Unit Number 1 | 1 | | | |
|--|-------------------|------------|-----------------|-----------|
| Pollutant Potential/Estimated Emission | s: Pollutant | 14 | | |
| 1. Pollutant Emitted: H114 | | | | |
| 2. Total Percent Efficiency of Control: | 80 | % | | |
| 3. Potential Emissions: | 100 | | | |
| 0 | lb/hour | 0 | tons | /year |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other En | nissions: 4 | | to 1 | tons/year |
| 6. Emissions Factor: Reference: KBN Report, 19 | 93 | | | |
| 7. Emissions Method Code: 0 | | | | |
| 8. Calculations of Emissions: | | | | |
| .000061 lb/mmBtu * 302.4 mmMBtu/hr
.018 lb/hr * 8760 hr/yr / 2000 lb/ton = .0 | | | | |
| 9. Pollutant Potential/Estimated Emission | ns Comment : | | | |
| Item 6 is 6.1E-5 lb/mmBtu. for Hg. Item 2 is based upon design conditions, | actual efficiency | is concent | rations depende | |
| | | | | |

III. Part 9b - 14

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

| | piler Unit Number 1 |
|-----------|---|
| <u>Pc</u> | ellutant Potential/Estimated Emissions: Pollutant15 |
| 1 | Pollutant Emitted: H113 |
| 2 | Total Percent Efficiency of Control: 99 % |
| 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: 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. |

III. Part 9b - 15

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

| Emissions Unit Informati
Boiler Unit Number 1 | on Section | 1 | | | |
|---|------------------|-----------|-----------------|-----------------|-----------------|
| Pollutant Potential/Estimate | ed Emissions | : Pollut | ant <u>16</u> | _ | |
| 1. Pollutant Emitted: H02 | 27 | | | | |
| 2. Total Percent Efficiency | of Control: | 99 | % | | |
| 3. Potential Emissions: | 0 | lb/hour | 0 | tons/y | year |
| 4. Synthetically Limited? [] Yes [X] N | | | | | |
| 5. Range of Estimated Fugit | ive/Other Emi | ssions: | 4
0 | to 1 | tons/year |
| 6. Emissions Factor: Reference: PA | A 77-08 | | | | |
| 7. Emissions Method Code: | : 0 | | | | |
| 8. Calculations of Emissions | s: | | | | |
| 177200ft3/min *(68+460).
109100 SDCFM* .0283 m
.00612 lb/hr * 8760 hr/ ye | 13/ft3*11b/453.6 | g*1g/1000 | mg*.003 mg/r | n3 * 60min/hr = | .00612 lb/hr |
| 9. Pollutant Potential/Estima | ated Emissions | s Comment | : | | |
| Item 6 is .003 mg/m3. Em
Item 2 is based on assume
SCA. | | | c filter for PM | . Cadmium was | not included in |

III. Part 9b - 16

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

Emissions Unit Information Section Refuse Derived Fuel Processing and Biomass Production **Pollutant Potential/Estimated Emissions:** Pollutant 1. Pollutant Emitted: PM 2. Total Percent Efficiency of Control: % 99 3. Potential Emissions: lb/hour 19 82 tons/year 4. Synthetically Limited? [] Yes [X] No 5. Range of Estimated Fugitive/Other Emissions: 2 5 tons/year 25 to 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 or 9.7 lb/hr for a total emission rate of 18.8 lb/hr. Opacity shall not exceed 5% for biomass.

III. Part 9b - 17

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

Refuse Derived Fuel Processing and Biomass Production Pollutant Potential/Estimated Emissions: **Pollutant** 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 25 tons/year to 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.

III. Part 9b - 18

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

Emissions Unit Information Section

| Ash Handling3 | | | |
|---|--------------|----------|-----------|
| Pollutant Potential/Estimated Emissions: Pollut | ant <u>1</u> | | |
| 1. Pollutant Emitted: PM | | | |
| 2. Total Percent Efficiency of Control: 100 | % | | |
| 3. Potential Emissions : 1 lb/hour | 2 | tons/yea | ar |
| 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: 2000dscfm * 0.03gr/dscf * .00858 = 0.5148 lb/hr (0.5148 lb/hr * 8760 hr/yr)/2000lb/ton = 2.25 TPY | | | |
| 9. Pollutant Potential/Estimated Emissions Comment Opacity shall not exceed 5% for ash silo baghouse. | 1: | | |

III. Part 9b - 19

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

| | iler Unit Number 2 |
|-----------|--|
| <u>Po</u> | llutant 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. |
| | |

III. Part 9b - 20

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

| Boiler Unit Number 2 | | | |
|---|--------|--------|----------------|
| Pollutant Potential/Estimated Emissions: Pollutar | t2 | | |
| 1. Pollutant Emitted: PB | | | |
| 2. Total Percent Efficiency of Control: 99 | % | | |
| 3. Potential Emissions: 0 lb/hour | 0 | tons/y | /ear |
| 4. Synthetically Limited? [] Yes [X] No | | | |
| 5. Range of Estimated Fugitive/Other Emissions: | }
0 | to 1 | tons/year |
| 6. Emissions Factor: Reference: PA 77-08 | | | |
| 7. Emissions Method Code: 0 | | | |
| 8. Calculations of Emissions: | | | |
| 0.000331 lb/mmBtu * 302.4 mmBtu/hr = 0.10 lb/hr
0.10 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 0.44 TPY | | | |
| 9. Pollutant Potential/Estimated Emissions Comment: | | | |
| Item 6 is .000331 lb/mmBtu (Conditions of Certification 24-hr daily ave.). Item 2 is based on an assumed control efficiency of fab | | | n3 @7% O2 on a |
| | | | |

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

| Boiler Unit Number 2 | <u>4</u> | | |
|--|-------------|-------------|-----------|
| Pollutant Potential/Estimated Emissions: | Pollutant 3 | | |
| 1. Pollutant Emitted: NOX | | | |
| 2. Total Percent Efficiency of Control: 0 | % | | |
| 3. Potential Emissions: | | | |
| 140 lb/h | our 615 | tons/y | ear
 |
| 4. Synthetically Limited? [] Yes [X] No | | | |
| 5. Range of Estimated Fugitive/Other Emission | ns: 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 | | | |
| 140.31 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 615 | TPY | | |
| 9. Pollutant Potential/Estimated Emissions Cor | nment: | • | |
| Item 6 is .5 lb/mmBtu (Conditions of Certificat
daily ave.). MACT standards will lower to 250
Item 2 is based upon design conditions, actual |) ppm. | | |
| | | | |

III. Part 9b - 22

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

| | biler Unit Number 2 |
|-----------|--|
| <u>Po</u> | Ilutant Potential/Estimated Emissions: Pollutant4 |
| 1. | Pollutant Emitted: PM |
| 2. | Total Percent Efficiency of Control: 99 % |
| 3. | Potential Emissions: |
| | 7 lb/hour 29 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: 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 - 23

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

| | iler Unit Number 2 |
|-----------|--|
| <u>Po</u> | Ilutant 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? [] 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: 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 - 24

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

| | ler Unit Number 2 |
|-------------|---|
| <u>Poll</u> | lutant 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. 3 | 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. 1 | 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. 1 | 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. |

III. Part 9b - 25

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

| | Unit Numbe | | nation | Section | | | | | |
|---------------|-----------------------------|----------|-----------------------|-----------|----------------|---------------|----|---------------------------|-----------|
| <u>Pollut</u> | ant Potenti | al/Esti | mated E | Emissions | s: Pollu | tant <u>7</u> | | | |
| 1. Po | llutant Emi | tted: | VOC | | | | | | |
| 2. To | tal Percent | Efficie | ncy of C | ontrol: | 0 | % | | | |
| 3. Pot | tential Emis | sions : | 4 | | lb/hour | 19 | | tons/year | · |
| | nthetically l | | l?
[] No | | | | | | |
| 5. Ra | nge of Estin | nated F | ^F ugitive/ | Other En | nissions: | 4
0 | to | 1 | tons/year |
| 6. En | nissions Fac
Refere | | PA 77 | -08 | _ | | | | |
| 7. Em | issions Me | thod Co | ode: | 0 | | | | | |
| 8. Ca | lculations o | f Emis | sions : | | ,,, | | | | |
| | 01451b/mml
371b/hr * 8,7 | | | | | | | | |
| 9. Po | llutant Pote | ntial/Es | stimated | Emission | ns Commen | t: | | | |
| 24 | 4-hr daily av | e.). | • | | f Certificatio | | | 5 ppmvd @79
dependent. | 6 O2 on a |

III. Part 9b - 26

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

| | iler Unit Number 2 |
|-----------|---|
| <u>Po</u> | Ilutant Potential/Estimated Emissions: Pollutant 8 |
| 1. | Pollutant Emitted: DIOX |
| 2. | Total Percent Efficiency of Control: 90 % |
| 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: |
| | 0.000000528lb/mmBtu * 302.4 mmBtu/hr = 0.000016lb/hr
0.000016lb/hr * 8,760 hr/yr / 2,000 lb/ton = 0.000069TPY |
| 9. | Pollutant Potential/Estimated Emissions Comment: |
| | 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. |
| L | |

III. Part 9b - 27

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

| Emissions Unit Information Section Boiler Unit Number 2 | 4 | | | |
|--|-----------|---|---------|-----------|
| Pollutant Potential/Estimated Emissions: | Pollutant | 9 | | |
| 1. Pollutant Emitted: FL | | | | |
| 2. Total Percent Efficiency of Control: 90 |) | % | | |
| 3. Potential Emissions: 0 lb/ho | our | 1 | tons/ye | ear |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other Emission | s: 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 = 0.2208l
0.2208lb/hr * 8,760 hr/yr / 2,000 lb/ton = 0.97I | | | | |
| 9. Pollutant Potential/Estimated Emissions Con | ment : | | | |
| Item 6 is 7.3E-4 lb/mmBtu (Conditions of Certi
24-hr daily ave.).
Item 2 is based upon design conditions, actual 6 | | | _ | @7% O2 on |

III. Part 9b - 28

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

| | Unit Number 2 | | Section | | | | | | |
|----------------|--|------------------|------------------|----------|--------|-------------|------|-----------|---------------|
| <u>Polluta</u> | ant Potential | Estimated] | <u>Emissions</u> | :: Pollu | tant | 10 | | | |
| 1. Pol | llutant Emitte | d: HCL | | | | | | | |
| 2. Tot | tal Percent Ef | ficiency of C | Control: | 90 | | % | | | |
| 3. Pot | ential Emission | ons : | | lb/hour | | 134 | _ | tons/year | |
| | nthetically Lin | nited?
[X] No | | | | | | | |
| 5. Rar | nge of Estima | ted Fugitive. | Other Em | issions: | 4
0 | | to 1 | | tons/year |
| 6. Em | nissions Facto
Reference | | -08 | | | | | | |
| 7. Emi | issions Metho | od Code: | 0 | | | | | | |
| 8. Cal | culations of I | Emissions: | | | | | | | |
| _ | 10lb/mmBtu *
).6lb/hr * 8,760 | | | | | | | | |
| 9. Pol | lutant Potenti | al/Estimated | Emission | s Commen | nt : | | | | |
| da | em 6 is 0.1 lb/r
nily ave.).
em 2 is based u | | | | | | | | 02 on a 24-hr |
| | | | | | | | _ | | |

III. Part 9b - 29

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

| | nissions Unit Information Section4_
iler Unit Number 2 |
|-----------|---|
| <u>Po</u> | llutant 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. |
| Щ. | |

III. Part 9b - 30

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

| Emissions Unit Information Section Boiler Unit Number 2 | |
|--|-----------|
| 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? [] 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 : .0000081lb/mmBtu * 302.4 mmBtu/hr = .0024lb/hr .0024lb/hr * 8760 hr/yr / 2000 lb/ton = .011TPY | |
| 9. Pollutant Potential/Estimated Emissions Comment: | |
| Item 2 is based on an assumed control efficiency of fabric filter for PM. Item 6 is 8.1E-6 lb/mmBtu. for As. | |

III. Part 9b - 31

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

| Emissions Unit Information Section
Boiler Unit Number 2 | 4 | | | |
|--|--------------------|-------------|------|-----------|
| Pollutant Potential/Estimated Emissions | : Pollutan | t <u>13</u> | | |
| 1. Pollutant Emitted: H021 | | | - | |
| 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 Em | nissions: 4 | | to 1 | tons/year |
| 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 * 8760 hr/yr / 2000 lb/ton = | | | | |
| 9. Pollutant Potential/Estimated Emission | ns Comment : | | | - |
| Item 6 is 4.0E-7 lb/mmBtu. Item 2 is based on control efficiency of f | abric filter for l | PM for Be. | | |
| | | | | |

III. Part 9b - 32

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

4

| Boil | iler Unit Number 2 | | | |
|--------------|--|-----------------|-----------------|-----------|
| <u>Poli</u> | llutant Potential/Estimated Emissions: Pollut | ant <u>14</u> | | |
| 1. | Pollutant Emitted: H114 | | | |
| 2. | Total Percent Efficiency of Control: 80 | % | | |
| 3. | Potential Emissions : 0 lb/hour | 0 | tons/y | /ear |
| 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 efficient | ncy is concentr | ations dependen | t. |

III. Part 9b - 33

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

Emissions Unit Information Section

III. Part 9b - 34

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

| Emissions Unit Information Section Boiler Unit Number 2 |
|---|
| 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: |
| 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 |
| 9. Pollutant Potential/Estimated Emissions Comment: |
| Item 6 is .003 mg/m3. Emision factor is AP-42 Item 2 is based on assumed control efficiency of fabric filter for PM. Cadmium was not included in SCA. |

III. Part 9b - 35

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

| | iler Unit Number 3 |
|-----------|--|
| <u>Po</u> | llutant 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. |
| | |

III. Part 9b - 36

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

| Boiler Unit Number 3 | | | |
|--|---|----------|-------------|
| 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/yea | ar |
| 4. Synthetically Limited? [] Yes [X] No | | | |
| 5. Range of Estimated Fugitive/Other Emissions: 4 | | to 1 | tons/year |
| 6. Emissions Factor: Reference: PA 77-08 | | | |
| 7. Emissions Method Code: 0 | | | |
| 8. Calculations of Emissions: | | | |
| 0.000331 lb/mmBtu * 302.4 mmBtu/hr = 0.10 lb/hr
0.10 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 0.44 TPY | | | |
| 9. Pollutant Potential/Estimated Emissions Comment: | | | |
| Item 6 is .000331 lb/mmBtu (Conditions of Certification 24-hr daily ave.). Item 2 is based on an assumed control efficiency of fabric | | • | @7% O2 on a |

III. Part 9b - 37

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

| Boiler Unit Number 3 | | | |
|--|-------------|--------|-----------|
| Pollutant Potential/Estimated Emissions: Pollutar | nt <u>3</u> | | |
| 1. Pollutant Emitted: NOX | | | |
| 2. Total Percent Efficiency of Control: 0 | % | · | |
| 3. Potential Emissions : 140 lb/hour | 615 | tons/y | year |
| 4. Synthetically Limited? [] Yes [X] No | | | |
| 5. Range of Estimated Fugitive/Other Emissions: | 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 daily ave.). MACT standards will lower to 250 ppm. Item 2 is based upon design conditions, actual efficience. | | •• | |

Ш. Part 9b - 38

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

| Boiler Unit Number 3 | 3 | | | |
|--|--------------|-------------|------------------|-----------|
| Pollutant Potential/Estimated Emissions: | Pollutant | 4 | | |
| 1. Pollutant Emitted: PM | | | | |
| 2. Total Percent Efficiency of Control: 99 | 9 | % | | |
| 3. Potential Emissions: 7 lb/ho | our | 29 | tons/ye | ear |
| 4. Synthetically Limited? [] Yes [X] No | | _ | | |
| 5. Range of Estimated Fugitive/Other Emission | as: 1
1 | | to 5 | tons/year |
| 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 Con | nment: | | | |
| Item 6 is .2444 lb/ton. Item 2 is based upon design conditions, actual of | efficiency i | s concentra | ntion dependent. | |
| | | | - | |

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

| Emissions Unit Information Section Boiler Unit Number 3 | 5 | | | |
|--|--------------|----------------|-----------------|------------|
| Pollutant Potential/Estimated Emissions : | Pollut | ant <u>5</u> | - | |
| 1. Pollutant Emitted: PM10 | | | | |
| 2. Total Percent Efficiency of Control: | 99 | % | | |
| 3. Potential Emissions: | lb/hour | 29 | tons | /year |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other Emis | ssions: | 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 7 | ГРҮ | | | |
| 9. Pollutant Potential/Estimated Emissions | Commen | t: | | |
| Item 6 is .2444 lb/ton. Item 2 is based upon design conditions, ac | tual efficie | ncy is concent | ration depender | nt. |
| | | | | |

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

| | ler Unit Number 3 |
|------------|---|
| <u>Pol</u> | lutant Potential/Estimated Emissions: Pollutant6 |
| 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. |
| | <u> </u> |

III. Part 9b - 41

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

| Boiler Unit Number 3 | | | | |
|--|-------------|--|--|--|
| Pollutant Potential/Estimated Emissions: Pollutant 7 | | | | |
| 1. Pollutant Emitted: VOC | | | | |
| 2. Total Percent Efficiency of Control: 0 % | | | | |
| 3. Potential Emissions: 4 lb/hour 19 | 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 : | | | | |
| 0.0145lb/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 - 42

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

| Emissions Unit Information Section Boiler Unit Number 3 | 5 | | | |
|--|----------|---------------|-------|-----------|
| Pollutant Potential/Estimated Emissions | : Pollu | tant <u>8</u> | | |
| 1. Pollutant Emitted: DIOX | | | | |
| 2. Total Percent Efficiency of Control: | 90 | % | - | |
| 3. Potential Emissions: | lb/hour | 0 | tons/ | year |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other Emi | ssions: | 4
0 | to 1 | tons/year |
| 6. Emissions Factor: Reference: PA 77-08 | | | | |
| 7. Emissions Method Code: 0 | · | | | |
| 8. Calculations of Emissions: | | | | |
| 0.000000528lb/mmBtu * 302.4 mmBtu/
0.000016lb/hr * 8,760 hr/yr / 2,000 lb/ton | | | | |
| 9. Pollutant Potential/Estimated Emissions | s Commen | ıt: | | |
| Item 6 is 5.28E-8 lb/mmBtu (Conditions of 24-hr daily ave). Item 2 is based upon design conditions, and | | | _ | |

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

| Boiler Unit Number 3 | |
|--|--|
| 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: 0.00073lb/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. | |

III. Part 9b - 44

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

5

| Boi | ler Unit Number 3 | 3 | | | | |
|--|------------------------------|--|---------------|---------------|------|-----------|
| <u>Pol</u> | lutant Potential | /Estimated Emiss | ions: Polluta | ant <u>10</u> | - | |
| 1. | Pollutant Emitte | ed: HCL | | | | |
| 2. | Total Percent Ef | ficiency of Control | l: 90 | % | | |
| 3. | Potential Emissi | ons: | lb/hour | 134 | tons | /year |
| 4. | Synthetically Ling [] Yes | mited?
[X] No | | | _ | |
| 5. | Range of Estima | ated Fugitive/Other | Emissions: | 4 0 | to 1 | tons/year |
| 6. | Emissions Facto
Reference | | | | | |
| 7. | Emissions Metho | od Code: 0 | | | | |
| 8. | Calculations of l | Emissions: | | | | |
| | | 302.4 mmBtu/hr = 3
0 hr/yr / 2,000 lb/ton | | | | |
| 9. | Pollutant Potenti | ial/Estimated Emis | sions 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. | | | | | | |

III. Part 9b - 45

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

Emissions Unit Information Section

| Emissions Unit Information Section
Boiler Unit Number 3 | 5 | | | |
|---|----------|---------------|------|-----------|
| Pollutant Potential/Estimated Emissions | : Pollut | ant <u>11</u> | | |
| 1. Pollutant Emitted: SAM | | - | | |
| 2. Total Percent Efficiency of Control: | 70 | % | | · |
| 3. Potential Emissions: | 11 0 | 10 | | |
| 2 | lb/hour | 10 | tons | /year |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other Emi | ssions: | 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
2.2lb/hr * 8760 hr/yr / 2000 lb/ton = 9.8Tl | | | | |
| 9. Pollutant Potential/Estimated Emissions | Comment | | | |
| Item 6 is .007 lb/mmBtu (Conditions of C daily ave.). Item 2 is based upon design conditions, ac | | | | |

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

| Emissions Unit Information Section Boiler Unit Number 3 | on <u>5</u> | | | |
|--|-------------------|-----------------|-------|-----------|
| Pollutant Potential/Estimated Emission | ns: Polluta | nt <u>12</u> | | |
| 1. Pollutant Emitted: H015 | | | | |
| 2. Total Percent Efficiency of Control: | 99 | % | | |
| 3. Potential Emissions: | lb/hour | 0 | tons/ | 'year |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other E | missions: | 4
0 | to 1 | tons/year |
| 6. Emissions Factor: Reference: PA 77-08 | | | | |
| 7. Emissions Method Code: 0 | | | | |
| 8. Calculations of Emissions: | | | | |
| .00000811b/mmBtu * 302.4 mmBtu/hr
.00241b/hr * 8760 hr/yr / 2000 lb/ton = | | | | |
| 9. Pollutant Potential/Estimated Emission | ons Comment | : | _ | |
| Item 2 is based on an assumed control Item 6 is 8.1E-6 lb/mmBtu. for As. | efficiency of fal | bric filter for | PM. | |
| | | | | |

III. Part 9b - 47

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

| Boiler Unit Number 3 | |
|---|-------------|
| Pollutant Potential/Estimated Emissions: Pollutant 13 | |
| 1. Pollutant Emitted: H021 | |
| 2. Total Percent Efficiency of Control: 99 % | |
| 3. Potential Emissions: | |
| 0 l b/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 : | |
| 0.0000004lb/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. | |

III. Part 9b - 48

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

| Emissions Unit Information Section Boiler Unit Number 3 | 5 | | | |
|--|------------------|------------|-----------------|-----------|
| Pollutant Potential/Estimated Emissions: | Pollutant | 14 | | |
| 1. Pollutant Emitted: H114 | | | | |
| 2. Total Percent Efficiency of Control: | 80 | % | | |
| 3. Potential Emissions: | | | | |
| 0 1 | b/hour | 0 | tons/ | year |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other Emiss | sions: 4 | | 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 * 8760 hr/yr / 2000 lb/ton = .08 7 | | | | |
| 9. Pollutant Potential/Estimated Emissions | Comment: | | | |
| Item 6 is 6.1E-5 lb/mmBtu. for Hg. Item 2 is based upon design conditions, act | ual efficiency i | s concentr | ations depender | nt. |
| L | | | | |

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

| Boiler Unit Number 3 | <u>, </u> | |
|--|---|-------|
| Pollutant Potential/Estimated Emissions: Po | Pollutant15 | |
| 1. Pollutant Emitted: H113 | | |
| 2. Total Percent Efficiency of Control: 99 | % | |
| 3. Potential Emissions: 0 lb/hor | our 1 tons/year | |
| 4. Synthetically Limited? [] Yes [X] No | | |
| 5. Range of Estimated Fugitive/Other Emissions | s: 4
0 to 1 tons/ | year |
| 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 Com | nment: | |
| Item 6 is .01 lb/ton. Item 2 is based on assumed control efficiency of pollutant for this facility. | of fabric filter for PM. Manganese is not a permi | itted |

III. Part 9b - 50

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

| Emissions Unit Information Section Boiler Unit Number 3 | |
|---|------------------------|
| Pollutant Potential/Estimated Emissions: Pollutant 16 | |
| 1. Pollutant Emitted: H027 | |
| 2. Total Percent Efficiency of Control: 99 % | |
| 3. Potential Emissions: 0 lb/hour 0 | tonskyons |
| 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: | |
| 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 * 60m
.00612 lb/hr * 8760 hr/ year / 2000 lb/ton = .0268 TPY | nin/hr = .00612 lb/hr |
| 9. Pollutant Potential/Estimated Emissions Comment: | - |
| Item 6 is .003 mg/m3. Emision factor is AP-42 Item 2 is based on assumed control efficiency of fabric filter for PM. Cadmiu SCA. | um was not included in |

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

| Boiler Unit Number | | 10II <u> </u> | | | |
|----------------------------------|---|---------------|--------------|------|-----------|
| Pollutant Potential | /Estimated Emissi | ions: Pollut | ant <u>1</u> | | |
| 1. Pollutant Emitte | ed: CO | | | | |
| 2. Total Percent E | fficiency of Control | l: 0 | % | | |
| 3. Potential Emissi | ions : | l | | | |
| | 61 | lb/hour | 268 | tons | /year |
| 4. Synthetically Li
[] Yes | mited?
[X] No | | | | |
| 5. Range of Estima | ated Fugitive/Other | Emissions: | 4 0 | to 1 | tons/year |
| 6. Emissions Factor
Reference | | | | | |
| 7. Emissions Meth | od Code: 0 | | | | |
| 8. Calculations of | Emissions: | | | | |
| | ı * 302.4 mmBtu/hr =
60 hr/yr / 2,000 lb/tor | | | | |
| 9. Pollutant Potent | ial/Estimated Emis | sions Comment | • | | |
| 24-hr daily ave. | o/mmBtu (Conditions).
upon design conditio | | | | |

III. Part 9b - 52

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

| Emissions Unit Information Section
Boiler Unit Number 4 | 6 | | | | |
|--|----------|--------|---|------|-------------------|
| Pollutant Potential/Estimated Emissions | : Pollu | tant _ | 2 | | |
| 1. Pollutant Emitted: PB | | | | | |
| 2. Total Percent Efficiency of Control: | 99 | | % | | |
| 3. Potential Emissions: | lb/hour | | 0 | tu | ons/year |
| 4. Synthetically Limited? [] Yes [X] No | | | | | |
| 5. Range of Estimated Fugitive/Other Emi | ssions: | 4
0 | | to 1 | tons/year |
| 6. Emissions Factor: Reference: PA 77-08 | | | | | |
| 7. Emissions Method Code: 0 | | _ | | | |
| 8. Calculations of Emissions: | | | | | |
| 0.000331 lb/mmBtu * 302.4 mmBtu/hr = 0.10 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 0. | | | | | |
| 9. Pollutant Potential/Estimated Emissions | s Commer | nt : | | | · · · · · |
| Item 6 is .000331 lb/mmBtu (Conditions of 24-hr daily ave.). Item 2 is based on an assumed control eff | | | | , | ug/m3 @7% O2 on a |
| | | | | | |

III. Part 9b - 53

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

| Emissions Unit Information Section Boiler Unit Number 4 | 6 | | | |
|---|----------|-------------|---------|-----------------|
| Pollutant Potential/Estimated Emissions: | Polluta | nt <u>3</u> | | |
| 1. Pollutant Emitted: NOX | | | | |
| 2. Total Percent Efficiency of Control: | 0 | % | | |
| 3. Potential Emissions: | | | • | |
| 140 11 | b/hour | 615 | tons/ye | ear |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other Emiss | ions: | 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 = 140.3
140.31 lb/hr * 8,760 hr/yr / 2,000 lb/ton = 6 | | | | |
| 9. Pollutant Potential/Estimated Emissions (| Comment | : | | |
| Item 6 is .5 lb/mmBtu (Conditions of Certification daily ave.). MACT standards will lower to Item 2 is based upon design conditions, actually | 250 ppm. | | | % O2 on a 24-hr |

III. Part 9b - 54

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

| Emissions Unit Information Section 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 | Γ |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other Emission | ons: 1
1 | to | 5 | tons/year |
| 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 TP | Υ | | | |
| 9. Pollutant Potential/Estimated Emissions Co | omment: | | | |
| Item 6 is .2444 lb/ton. Item 2 is based upon design conditions, actua | al efficiency is | concentratio | n dependent. | |

III. Part 9b - 55

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

| Emissions Unit Information Section
Boiler Unit Number 4 | 6 | | | |
|--|--------------|---------------|------------------|-----------|
| Pollutant Potential/Estimated Emissions: | Pollut | ant <u>5</u> | _ | |
| 1. Pollutant Emitted: PM10 | | | | |
| 2. Total Percent Efficiency of Control: | 99 | % | | |
| 3. Potential Emissions : | | | | |
| 7 | lb/hour | 29 | tons | /year |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other Emis | ssions: | 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 7 | ГРҮ | | · | |
| 9. Pollutant Potential/Estimated Emissions | Commen | t: | | |
| Item 6 is .2444 lb/ton. Item 2 is based upon design conditions, ac | tual efficie | ncy is concer | ntration depende | nt. |
| | | | | |

III. Part 9b - 56

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

| | iler Unit Number 4 |
|------------|---|
| <u>Pol</u> | llutant 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. |

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

| Emissions Unit Information Section Boiler Unit Number 4 | | | |
|---|----|--------|-----------|
| Pollutant Potential/Estimated Emissions: Pollutant | 7 | - | |
| 1. Pollutant Emitted: VOC | | | |
| 2. Total Percent Efficiency of Control: 0 | % | | |
| 3. Potential Emissions: | | | |
| 4 lb/hour | 19 | tons/y | /ear |
| 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 24-hr daily ave.). Item 2 is based upon design conditions, actual efficiency is | | | |

III. Part 9b - 58

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

| Emissions Unit Information Section
Boiler Unit Number 4 | 6 | | | |
|--|-----------------|---------------|-------|-----------|
| Pollutant Potential/Estimated Emissions | <u>s:</u> Pollu | tant <u>8</u> | | |
| 1. Pollutant Emitted: DIOX | | | | - |
| 2. Total Percent Efficiency of Control: | 90 | % | | |
| 3. Potential Emissions: | lb/hour | 0 | tons/ | year |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other En | nissions: | 4 0 | to 1 | tons/year |
| 6. Emissions Factor: Reference: PA 77-08 | | | | |
| 7. Emissions Method Code: 0 | | | | |
| 8. Calculations of Emissions : 0.0000000528lb/mmBtu * 302.4 mmBtu 0.000016lb/hr * 8,760 hr/yr / 2,000 lb/to | | | | |
| 9. Pollutant Potential/Estimated Emission | ns Commen | t : | | |
| Item 6 is 5.28E-8 lb/mmBtu (Conditions 24-hr daily ave). Item 2 is based upon design conditions, | | | • | |

III. Part 9b - 59

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

| | iler Unit Number 4 |
|-----------|--|
| <u>Po</u> | Ilutant 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: |
| | 0.00073lb/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: |
| I | 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. |
| | |

III. Part 9b - 60

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

| Boiler Unit Number 4 | | | |
|--|---------------|--------|-----------|
| Pollutant Potential/Estimated Emissions: Pollut | ant <u>10</u> | | |
| 1. Pollutant Emitted: HCL | | | |
| 2. Total Percent Efficiency of Control: 90 | % | | |
| 3. Potential Emissions : 31 lb/hour | 134 | tons/y | ear |
| 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: | | | |
| 0.10lb/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 | t: | | |
| Item 6 is 0.1 lb/mmBtu (Conditions of Certification P daily ave.). Item 2 is based upon design conditions, actual efficie | | | |
| | | | |

III. Part 9b - 61

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

| Boiler Unit Number 4 | |
|--|------------|
| Pollutant Potential/Estimated Emissions: Pollutant11 | |
| 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 pg daily ave.). | |
| Item 2 is based upon design conditions, actual emissions maybe below detect | IOH HIMUS. |

III. Part 9b - 62

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

| Emissions Unit Information Section Boiler Unit Number 4 | | | |
|--|---------------------|-------|-----------|
| Pollutant Potential/Estimated Emissions: Pollu | itant <u>12</u> | | |
| 1. Pollutant Emitted: H015 | | | |
| 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 : .0000081lb/mmBtu * 302.4 mmBtu/hr = .0024lb/hr .0024lb/hr * 8760 hr/yr / 2000 lb/ton = .011TPY | | | |
| 9. Pollutant Potential/Estimated Emissions Commer | nt : | | |
| Item 2 is based on an assumed control efficiency of Item 6 is 8.1E-6 lb/mmBtu. for As. | fabric filter for l | PM. | |
| | •••• | | |

III. Part 9b - 63

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

| Emissions Unit Information Section Boiler Unit Number 4 | |
|---|----------------|
| Pollutant Potential/Estimated Emissions: Pollutant 13 | |
| 1. Pollutant Emitted: H021 | |
| 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: 0.0000004lb/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 | e . |

III. Part 9b - 64

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

| Emissions Unit Information Section Boiler Unit Number 4 | 6 | | | |
|--|---------------|----------|-----------------|-----------|
| Pollutant Potential/Estimated Emissions: | Pollutant | 14 | | |
| 1. Pollutant Emitted: H114 | | _ | | |
| 2. Total Percent Efficiency of Control: 86 |) | % | | |
| 3. Potential Emissions: | | | | |
| 0 lb/h | our | 0 | tons/y | year |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other Emission | as: 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
.018 lb/hr * 8760 hr/yr / 2000 lb/ton = .08 TPY | | | | |
| 9. Pollutant Potential/Estimated Emissions Con | nment: | | | <u> </u> |
| Item 6 is 6.1E-5 lb/mmBtu. for Hg. Item 2 is based upon design conditions, actual | efficiency is | concentr | ations depender | nt. |
| | | | | |

III. Part 9b - 65

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

| Emissions Unit Information Section Boiler Unit Number 4 | 6 | | | | | |
|--|------------|-----------|----------|-------|---------------|-------------|
| Pollutant Potential/Estimated Emissions: | Pollu | tant | 15 | | | |
| 1. Pollutant Emitted: H113 | | | | _ | | - |
| 2. Total Percent Efficiency of Control: | 99 | | % | | | |
| 3. Potential Emissions: | b/hour | | 1 | | tons/yea | ar |
| 4. Synthetically Limited? [] Yes [X] No | | | | | | |
| 5. Range of Estimated Fugitive/Other Emiss | sions: | 4
0 | | to | 1 | tons/year |
| 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 (| Commen | t: | | | | |
| Item 6 is .01 lb/ton. Item 2 is based on assumed control efficience pollutant for this facility. | cy of fabi | ric filte | r for PM | . Man | ganese is not | a permitted |

III. Part 9b - 66

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

| Emissions Unit Information Section Boiler Unit Number 4 | 6 | | | |
|---|-----------|-----------------|-----------------|-----------------|
| <u>Pollutant Potential/Estimated Emissions:</u> | Polluta | ant <u>16</u> | | |
| 1. Pollutant Emitted: H027 | | | | - |
| 2. Total Percent Efficiency of Control: | 99 | % | | |
| 3. Potential Emissions: | lb/hour | 0 | tons/ | year |
| 4. Synthetically Limited? [] Yes [X] No | | | | |
| 5. Range of Estimated Fugitive/Other Emiss | sions: | 4 0 | to 1 | tons/year |
| 6. Emissions Factor: Reference: PA 77-08 | | | | |
| 7. Emissions Method Code: 0 | | | | _ |
| 8. Calculations of Emissions: 177200ft3/min *(68+460)/(270+460)*(1-1.109100 SDCFM* .0283 m3/ft3*11b/453.6 g .00612 lb/hr * 8760 hr/ year / 2000 lb/ton = | g*1g/1000 | mg*.003 mg/n | n3 * 60min/hr = | = .00612 lb/hr |
| 9. Pollutant Potential/Estimated Emissions | Comment | : | | |
| Item 6 is .003 mg/m3. Emision factor is AF Item 2 is based on assumed control efficient SCA. | | c filter for PM | . Cadmium was | not included in |

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

| Emissions Unit Information Section 1 Boiler Unit Number 1 | _ | |
|---|-------------------------|------------------|
| Pollutant Information Section 1 | | |
| Allowable Emissions 1 | | |
| 1. Basis for Allowable Emissions Code: | RULE | |
| 2. Future Effective Date of Allowable Emission | as: 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 (De | esc. of Related Operati | ng Method/Mode): |
| PA 77-08 Special Conditions of Certification for | r CO | |

| | missions Unit Information Section 1 piler Unit Number 1 | _ | | | |
|------------|--|-------------------|----------|-----------------|---|
| Po | ollutant Information Section 2 | | | | |
| <u>All</u> | llowable Emissions 1 | | | | |
| 1. | . Basis for Allowable Emissions Code : | RULE | | | |
| 2. | . Future Effective Date of Allowable Emissions | s: 19-Dec- | 2000 | | _ |
| 3. | . Requested Allowable Emissions and Units: | 380 | | ug/nM3 @7% O2 | |
| 4. | Equivalent Allowable Emissions: | | | | |
| | 0 1 | b/hour | 0 | tons/year | |
| 5. | . Method of Compliance : | | | | |
| | EPA Method 5 (40CFR60, Subpart Ea guidelines | for metals emis | sions) | | |
| 6. | . Pollutant Allowable Emissions Comment (De | esc. of Related (| Operatin | g Method/Mode): | |
| | PA 77-08 Special Conditions of Certification for | Pb | | | |

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

| 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 Emission | ns: 19-Dec- | -2000 | |
| 3. Requested Allowable Emissions and Units: | 280 | ŗ | 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 (D
PA 77-08 Special Conditions of Certification for | | | |

| 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 Emission | ns: 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 (D | • | Method/Mode): |
| PA 77-08 Special Certification Conditions for F | 'M | |

| Emissions Unit Information Section 1 Boiler Unit Number 1 | | |
|---|----------------|-------------------|
| Pollutant Information Section 5 | | |
| Allowable Emissions 1 | | |
| 1. Basis for Allowable Emissions Code : | RULE | |
| 2. Future Effective Date of Allowable Emission | s: 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: | | 11 1 19001 1901 |
| EPA method 201 or 201A | | |
| 6. Pollutant Allowable Emissions Comment (De PA 77-08 Special Certification Conditions for Page 1971) | - | ing Method/Mode): |

| | nissions Unit Information Section iler Unit Number 1 | 1 | | |
|-----------|--|---------------|----------------|-------------------------|
| Po | llutant Information Section 6 | | | |
| <u>Al</u> | lowable Emissions 1_ | | | |
| 1. | Basis for Allowable Emissions Code: | RU | LE | |
| | | | | |
| 2. | Future Effective Date of Allowable Emission | ons: 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 Rela | ated Operating | Method/Mode): |
| | PA 77-08 Special Certification Cond for SO2 30 ppmvd @7%O2 or 70% removal effic. which mean; not to exceed 70 ppmvd @7%O2, 0.16 is | | | ed on 24-hr daily geom. |

| Emissions Unit Information Section1 Boiler Unit Number 1 | | | | | |
|--|---------------------|------------------|---------------|--|--|
| Pollutant Information Section | 7 | | | | |
| Allowable Emissions 1 | | | | | |
| 1. Basis for Allowable Emissions Code | : RU | LE | | | |
| 2. Future Effective Date of Allowable E | Emissions: 19- | -Dec-2000 | | | |
| 3. Requested Allowable Emissions and | Units: 25 | Į | 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 Comm | ment (Desc. of Rela | ated Operating N | Method/Mode): | | |
| PA 77-08 Special Certification Condition | ons for VOC | | | | |

| | nissions Unit Information Section iler Unit Number 1 | 1 | | | |
|-----|--|----------------|------------------|------------------------|---|
| Po | llutant Information Section 8 | | | | |
| All | lowable Emissions 1 | | | | |
| 1. | Basis for Allowable Emissions Code: | RUL | E | | |
| 2. | Future Effective Date of Allowable Emission | ons: 19-I | 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 Relat | ed Operating | Method/Mode): | |
| | PA 77-08 Special Certification Conditions for lb/hr, & 6.9E-5 tons/yr. | DIOX. 60ng/m | 3 (dry basis), 5 | 5.2E-8 lb/mmBtu, 1.6E- | 5 |

| Emissions Unit Information Section Boiler Unit Number 1 | | |
|--|------------------------|--------------------|
| Pollutant Information Section 9 | | |
| Allowable Emissions 1 | | |
| 1. Basis for Allowable Emissions Code: | RULE | |
| 2. Future Effective Date of Allowable Emission | ns: 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 (D | Desc. of Related Opera | ting Method/Mode): |
| PA 77-08 Special Certification Conditions for F | L | |

| Emissions Unit Information Section 1 Boiler Unit Number 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 | 1 | ppmvd @7% O2 |
| 4. Equivalent Allowable Emissions: | _ | | |
| 31 lb/h | nour | 134 | tons/year |
| 5. Method of Compliance: | | | |
| EPA Method 26 or other methods which are approve | ed by the EP | A or the DEI | • |
| 6. Pollutant Allowable Emissions Comment (Desc. | of Related | Operating N | Method/Mode): |
| PA 77-08 Special Certification Conditions for HCL
Emissions shall not exceed 25 ppmvd corrected to 7
restirctive, based on a 24-hour daily geometric avera | % O2, or 90 |) percent ren | noval, whichever is least |

| Emissions Unit Information Section 1 | | | | | |
|---|---|--|--|--|--|
| Pollutant Information Section 11 | | | | | |
| Allowable Emissions 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/hc | our 10 tons/year | | | | |
| 5. Method of Compliance: | | | | | |
| 6. Pollutant Allowable Emissions Comment (Desc. o | of Related Operating Method/Mode): | | | | |
| PA 77-08 Special Certification Conditions H2SO4: 2. method detection limit. | .1 ppmvd @7% O2 (dry basis) but maybe below | | | | |

| | nissions Unit Information Sectioniler Unit Number 1 | 1 | | | |
|------------|---|-------------------|-------------|----------------------------|---|
| Pol | llutant Information Section 12 | | | | |
| <u>All</u> | owable Emissions 1 | | | | |
| 1. | Basis for Allowable Emissions Code: | RULE | | | _ |
| 2. | Future Effective Date of Allowable Emission | ons: 19-De | c-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 | l Operating | Method/Mode): | |
| | PA 77-08 Special Certification Conditions for | Arsenic of 8.1E-6 | ó lb/mmBtu, | .0024 lb/hr, & .011ton/yr. | |

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

| Emissions Unit Information Section 1 Boiler Unit Number 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. |

| 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 Emission | ns: 19-Dec-20 | 000 | |
| 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 (D PA 77-08 Special Certification Conditions . The 80% by weight, NTE 6.1E-15 lb/mmBtu. | | _ | |

| Emissions Unit Information Section
Boiler Unit Number 1 | 1 | | |
|--|---------------|-----------|-----------|
| Pollutant Information Section 15 | _ | | |
| Allowable Emissions 1 | | | |
| 1. Basis for Allowable Emissions Code: | RU | LE | |
| 2. Future Effective Date of Allowable En | nissions : 19 | -Dec-2000 | |
| 3. Requested Allowable Emissions and U | Jnits: 0 | | 1b/ton |
| 4. Equivalent Allowable Emissions: | | | |
| 0 | lb/hour | 1 | tons/year |
| 5. Method of Compliance: | | | |
| 6. Pollutant Allowable Emissions Comm PA 77-08 Special Conditions of Certifica | • | - | · |

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

| Emissions Unit Information Section 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 |

| 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 8 | 2 ton | s/year | | |
| 5. Method of Compliance: | | | | | |
| EPA Method 9 or 5 | | | | | |
| 6. Pollutant Allowable Emissions Comment (Desc | of Related Oper | ating Method/M | lode): | | |
| 62-296.711(2)(b), F.A.C. PA-77.08 Site Certificati emissions, no test required for dust collectors. | on Special Conditi | ons allow 5% opa | city visible | | |

| | Emissions Unit Information Section 2 Refuse Derived Fuel Processing and Biomass Production | | | | | |
|-----------|---|--|--|--|--|--|
| Po | Pollutant Information Section 2 | | | | | |
| <u>Al</u> | owable 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. | | | | | |

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

| Emissions Unit Information Section | 4 |
|---|---|
| Boiler Unit Number 2 | |

| 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/h | nour 268 | tons/year |
| 5. Method of Compliance : | | |
| 40 CFR Part 60, Appendix A, Method 10. | | |
| 6. Pollutant Allowable Emissions Comment (Desc. | of Related Operatin | g Method/Mode): |
| PA 77-08 Special Conditions of Certification for CC |) | |

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

| Emissions Unit Information Boiler Unit Number 2 | on Section | 4 | | | |
|--|-------------------|-----------------------|-------------|---------------|--|
| Pollutant Information Section 2 | | | | | |
| Allowable Emissions | 11 | | | | |
| 1. Basis for Allowable Em | issions Code: | RULE | - | | |
| 2. Future Effective Date of | f Allowable Em | issions: 19-De | x-2000 | | |
| 3. Requested Allowable E | missions and Ui | nits: 380 | | ug/nM3 @7% O2 | |
| 4. Equivalent Allowable E | Emissions : | | | | |
| | 0 | lb/hour | 0 | tons/year | |
| 5. Method of Compliance | : | | | | |
| EPA Method 5 (40CFR66 |), Subpart Ea gui | delines for metals en | nissions) | | |
| 6. Pollutant Allowable Err | | | d Operating | Method/Mode): | |

| Emissions Unit Information Section Boiler Unit Number 2 | 4 | | |
|---|--------------------|------------------|---------------------|
| Pollutant Information Section 3 | | | |
| Allowable Emissions 1 | | | |
| 1. Basis for Allowable Emissions Code: | RUL | E | |
| 2. Future Effective Date of Allowable Emi | ssions : 19-I | Dec-2000 | |
| 3. Requested Allowable Emissions and Un | its: 280 | p | pmv @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 Commer | nt (Desc. of Relat | ed Operating M | fethod/Mode): |
| PA 77-08 Special Conditions of Certification | on for NOX. MAC | CT standards wil | l lower to 250 ppm. |

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

| | Cmissions Unit Information Section 4 Soiler Unit Number 2 | | | |
|-----------|---|------------|-----------|-----------------|
| Po | Collutant Information Section 4 | | | |
| <u>Al</u> | Allowable Emissions 1 | | | |
| 1. | 1. Basis for Allowable Emissions Code: | RULE | | - |
| 2. | 2. Future Effective Date of Allowable Emissions | s: 19-Dec- | 2000 | |
| 3. | 3. Requested Allowable Emissions and Units: | 0 | | grain/SDCF@7%O2 |
| 4. | 4. Equivalent Allowable Emissions: | | | |
| | 7 1 | b/hour | 29 | tons/year |
| 5. | 5. Method of Compliance: | | | |
| | EPA Method 5 | | | |
| 6. | 6. Pollutant Allowable Emissions Comment (De | | Operating | g Method/Mode): |
| | PA 77-08 Special Certification Conditions for PM | 1 | | |

| | issions Unit Information Sectionler Unit Number 2 | 4 | | | |
|------|---|-----------------|--------------|-----------------|--|
| Poll | lutant Information Section 5 | | | | |
| Allo | owable Emissions 1 | | | | |
| 1. | Basis for Allowable Emissions Code: | RULE | | | |
| 2. | Future Effective Date of Allowable Emissi | ons : 19-D | ec-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 Relate | ed Operating | Method/Mode): | |
| | PA 77-08 Special Certification Conditions for | PM10 | | | |

| Emissions Unit Information Section Boiler Unit Number 2 | _ | |
|--|--------------------------------|-------------|
| Pollutant Information Section 6 | | |
| Allowable Emissions 1 | | |
| 1. Basis for Allowable Emissions Code: | RULE | |
| 2. Future Effective Date of Allowable Emission | s: 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 (De PA 77-08 Special Certification Cond for SO2 30 ppmvd @7%O2 or 70% removal effic. which mean; not to exceed 70 ppmvd @7%O2, 0.16 lb/ | ever is least restrictive base | , |

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

| Emissions Unit Information Section Boiler Unit Number 2 | 4 | | | |
|---|------------------|----------------|---------------|--|
| Pollutant Information Section 7 | | | | |
| Allowable Emissions 1 | | | | |
| 1. Basis for Allowable Emissions Code: | RULI | 3 | _ | |
| 2. Future Effective Date of Allowable Emiss | sions : 19-D | ec-2000 | | |
| 3. Requested Allowable Emissions and Unit | zs: 25 | F | pmvd 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 Relate | ed Operating N | lethod/Mode): | |
| PA 77-08 Special Certification Conditions fo | or VOC | | | |

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

| Emissions Unit Information Section 4 Boiler Unit Number 2 | | | | | | |
|---|---|-------------------|-----------|-------------------------|--|--|
| Po | Pollutant Information Section 8 | | | | | |
| All | lowable Emissions 1 | | | | | |
| 1. | Basis for Allowable Emissions Code: | RULE | | | | |
| 2. | Future Effective Date of Allowable Emission | s: 19-Dec-2 | 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 (De | esc. of Related C | perating | g Method/Mode): | | |
| | PA 77-08 Special Certification Conditions for Dl lb/hr, & 6.9E-5 tons/yr. | IOX. 60ng/m3 (dr | y basis), | 5.2E-8 lb/mmBtu, 1.6E-5 | | |

| Emissions Unit Information Section Boiler Unit Number 2 |
|--|
| 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 |

| | iler Unit Number 2 | _ | | |
|----|---|----------------|---------------|----------------------------|
| Po | Ilutant Information Section 10 | | | |
| Al | lowable Emissions 1 | | | |
| 1. | Basis for Allowable Emissions Code: | RUL | E | |
| | | | | |
| 2. | Future Effective Date of Allowable Emission | ns: 19-E | 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 app | proved by the | EPA or the D | EP |
| 6. | Pollutant Allowable Emissions Comment (D | esc. of Relate | ed Operating | (Method/Mode): |
| | PA 77-08 Special Certification Conditions for H
Emissions shall not exceed 25 ppmvd corrected
restirctive, based on a 24-hour daily geometric a | to 7 % O2, or | 90 percent re | emoval, whichever is least |

| Emissions Unit Information Section 4 Boiler Unit Number 2 | _ | | |
|---|--------------|-----|-----------|
| Pollutant Information Section 11 | | | |
| Allowable Emissions 1 | | | |
| 1. Basis for Allowable Emissions Code: | RULE | | |
| 2. Future Effective Date of Allowable Emissions | s: 19-Dec-20 | 000 | |
| 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 (De PA 77-08 Special Certification Conditions H2SO method detection limit. | • | | · |

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

| | nissions Unit Information Section 4 iler Unit Number 2 | | | |
|-----------|--|------------|-------|---------------|
| Po | Ilutant Information Section 12 | | | |
| <u>Al</u> | lowable Emissions 1 | | | |
| 1. | Basis for Allowable Emissions Code : | RULE | | |
| 2. | Future Effective Date of Allowable Emissio | ns: 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 (I | | - | |

| Emissions Unit Information Section Boiler Unit Number 2 |
|---|
| 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. |

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

| | nissions Unit Information Sectioniler Unit Number 2 | 4 | | |
|-----|---|---------|------------|---------------|
| | Ilutant Information Section 14 owable Emissions 1 | | | |
| AII | owable Emissions 1 | | | |
| 1. | Basis for Allowable Emissions Code: | R | ULE | |
| 2. | Future Effective Date of Allowable Emissi | ons: | 9-Dec-2000 | |
| 3. | Requested Allowable Emissions and Units | : 7 | 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 (PA 77-08 Special Certification Conditions . To 80% by weight, NTE 6.1E-15 lb/mmBtu. | | - | |

| Emissions Unit Information Section Boiler Unit Number 2 | _ | |
|---|--------------------------|--------------------|
| Pollutant Information Section15 | | |
| Allowable Emissions 1 | | |
| 1. Basis for Allowable Emissions Code : | RULE | |
| 2. Future Effective Date of Allowable Emission | ns: 19-Dec-2000 | |
| 3. Requested Allowable Emissions and Units: | 0 | 1b/ton |
| 4. Equivalent Allowable Emissions: | | |
| 0 | lb/hour 1 | tons/year |
| 5. Method of Compliance: | | |
| 6. Pollutant Allowable Emissions Comment (D | Desc. of Related Opera | ting Method/Mode): |
| PA 77-08 Special Conditions of Certification. N | lo permit limit for Mang | anese. |

| | nissions Unit Information Sectioniler Unit Number 2 | 4 | | | |
|------------|---|---------------|---------------|-----------------|--|
| Pol | llutant Information Section 16 | | | | |
| <u>All</u> | owable Emissions 1 | | | | |
| 1. | Basis for Allowable Emissions Code: | RU | LE | | |
| 2. | Future Effective Date of Allowable Emissi | ons : 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 Rela | ated Operatin | g Method/Mode): | |
| | PA 77-08 Special Certification Conditions for | Cd | | | |

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

| Emissions Unit Information Section Boiler Unit Number 3 | | |
|---|------------------------|--------------------|
| Pollutant Information Section 1 Allowable Emissions 1 | | |
| 1. Basis for Allowable Emissions Code: | RULE | |
| 2. Future Effective Date of Allowable Emissio | ns: 19-Dec-2000 | |
| 3. Requested Allowable Emissions and Units: | 200 | ppm @7% O2 |
| 4. Equivalent Allowable Emissions: | | |
| 61 | lb/hour 26 | 8 tons/year |
| 5. Method of Compliance: | | |
| 40 CFR Part 60, Appendix A, Method 10. | | |
| 6. Pollutant Allowable Emissions Comment (D | Desc. of Related Opera | ting Method/Mode): |
| PA 77-08 Special Conditions of Certification for | or CO | |

| Emissions Unit Information Section 5 Boiler Unit Number 3 | | | |
|---|--------------------|----------|-----------------|
| Pollutant Information Section 2 | | | |
| Allowable Emissions 1 | | | |
| 1. Basis for Allowable Emissions Code : | RULE | - | |
| 2. Future Effective Date of Allowable Emission | ns: 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 guideline | es for metals emis | sions) | |
| 6. Pollutant Allowable Emissions Comment (D | Desc. of Related (| Operatin | g Method/Mode): |
| PA 77-08 Special Conditions of Certification fo | ar Ph | | |

| 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): RA 77.08 Special Conditions of Cortification for NOV. MACT standards will lower to 250 norm. |

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

| | er Unit Number 3 |
|----|---|
| | utant Information Section 4 wable Emissions 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 |

| | ons Unit Information S
Unit Number 3 | ection 5 | | | |
|---------|---|--------------------|---------------|--------------|-----------------|
| | nt Information Section | | | | |
| Allowa | ble Emissions 1 | _ | | | |
| 1. Bas | is for Allowable Emissi | ons Code : | RUL | Æ | |
| 2. Futi | ure Effective Date of Al | lowable Emissio | ns: 19- | Dec-2000 | |
| 3. Req | quested Allowable Emiss | sions and Units: | 0 | | gr/SDCF @ 7% O2 |
| 4. Equ | ivalent Allowable Emis | sions : | | | |
| | | 7 | lb/hour | 29 | tons/year |
| 5. Met | thod of Compliance: | | | | |
| EPA | A method 201 or 201A | | | | |
| 6. Poll | lutant Allowable Emissi | ons Comment (I | Desc. of Rela | ted Operatin | g Method/Mode): |
| PA | 77-08 Special Certificatio | n Conditions for I | PM10 | | |

| Emissions Unit Information Section Boiler Unit Number 3 | 5 | | |
|---|------------------------|-------------|----------------------|
| Pollutant Information Section 6 | | | |
| Allowable Emissions 1 | | | |
| 1. Basis for Allowable Emissions Code: | RULE | | |
| 2. Future Effective Date of Allowable Emission | ions: 19-Dec- | -2000 | |
| 3. Requested Allowable Emissions and Units | : 70 | p | opm @ 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 M | lethod/Mode): |
| PA 77-08 Special Certification Cond for SO2
30 ppmvd @7%O2 or 70% removal effic. whi | ichever is least restr | | on 24-hr daily geom. |

| Emissions Unit Information Section 5 Boiler Unit Number 3 | | | | |
|---|-------------------|----------|---------------|--|
| Pollutant Information Section 7 | | | | |
| Allowable Emissions 1 | | | | |
| Basis for Allowable Emissions Code : | RULE | | | |
| 2. Future Effective Date of Allowable Emission | ns: 19-Dec-2 | ···· | | |
| 2. Puture Effective Date of Anowabic Emission | 13. 13-100-2 | ,,,, | | |
| 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 (D | esc. of Related O | perating | Method/Mode): | |
| PA 77-08 Special Certification Conditions for V | roc | | | |

| | nissions Unit Information Section iler Unit Number 3 | 5 | | | |
|-----|---|------------|--------|--------------|---|
| Po | Ilutant Information Section 8 | | | | |
| All | lowable Emissions 1 | | | | |
| 1. | Basis for Allowable Emissions Code: | RULE | | | |
| 2. | Future Effective Date of Allowable Emission | ons: 19-De | x-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 (PA 77-08 Special Certification Conditions for lb/hr, & 6.9E-5 tons/yr. | | - | | 5 |

| Emissions Unit Information Section Boiler Unit Number 3 | 5 | | | |
|---|--------------------|--------------|----------------|---|
| Pollutant Information Section 9 | | | | |
| Allowable Emissions 1 | | | | |
| 1. Basis for Allowable Emissions Code : | RULE | E | | |
| 2. Future Effective Date of Allowable Emis | ssions: 19-D | ec-2000 | | |
| 3. Requested Allowable Emissions and Uni | its: 840 | | ug/Nm3 @ 7% O2 | - |
| 4. Equivalent Allowable Emissions: | <u>-</u> . | | | |
| 0 | lb/hour | 1 | tons/year | |
| 5. Method of Compliance: | | | | _ |
| EPA Methods 13 or 13B | | | | |
| 6. Pollutant Allowable Emissions Commen | t (Desc. of Relate | ed Operating | Method/Mode): | |
| PA 77-08 Special Certification Conditions f | for FL | | | |

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

| Emissions Unit Information Section5 Boiler Unit Number 3 | |
|--|--|
| Pollutant Information Section 10 Allowable Emissions 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
restirctive, based on a 24-hour daily geometric average | |

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

| | nissions Unit Information Section
iler Unit Number 3 | 5 | | | |
|-----------|---|------------|-------------|-----------|---|
| Po | Ilutant Information Section 11 | | | | |
| <u>Al</u> | lowable Emissions 1 | | | | |
| 1. | Basis for Allowable Emissions Code : | R | ULE | | |
| 2. | Future Effective Date of Allowable Em | uissions : | 19-Dec-2000 | | |
| 3. | Requested Allowable Emissions and U | nits: 0 |) | lb/MMBtu | |
| 4. | Equivalent Allowable Emissions: | | | | |
| | 2 | lb/hour | 10 | tons/year | |
| 5. | Method of Compliance: | | | | |
| 6. | Pollutant Allowable Emissions Comme
PA 77-08 Special Certification Conditions
method detection limit. | - | - | | , |

| | nissions Unit Information Sectioniler Unit Number 3 | 5 | | |
|----|---|-------------------|-------------|------------------------------|
| Po | llutant Information Section 12 | | | |
| Al | owable Emissions | | | |
| 1. | Basis for Allowable Emissions Code: | RULE | | |
| 2. | Future Effective Date of Allowable Emissi | ons: 19-De | c-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 | d Operating | g Method/Mode): |
| | PA 77-08 Special Certification Conditions for | Arsenic of 8.1E-6 | 6 lb/mmBtu | , .0024 lb/hr, & .011ton/yr. |

| Emissions Unit Information Section 5 Boiler Unit Number 3 |
|---|
| Pollutant Information Section13 |
| 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. |

| | nissions Unit Information Section5_
iler Unit Number 3 |
|----|---|
| Po | Ilutant Information Section 14_ |
| Al | lowable 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 | | |
|---|-----------------------------|---------------|
| Pollutant Information Section 15 | | |
| Allowable Emissions 1 | | |
| 1. Basis for Allowable Emissions Code : | RULE | |
| | | |
| 2. Future Effective Date of Allowable Emission | ns: 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 (D | Desc. of Related Operating | Method/Mode): |
| PA 77-08 Special Conditions of Certification. N | To permit limit for Mangane | se. |

| Emissions Unit Information Section 5 Boiler Unit Number 3 |
|--|
| 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 |

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

| 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 Emiss. | ions: 19-De | cc-2000 | | |
| 3. Requested Allowable Emissions and Units | s: 200 | PI | om @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 PA 77-08 Special Conditions of Certification | | d Operating M | (ethod/Mode): | |

| 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 Emission | ons: 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 guidelin | nes for metals emiss | sions) | |
| 6. Pollutant Allowable Emissions Comment (| Desc. of Related (|
Operatin | g Method/Mode): |
| PA 77-08 Special Conditions of Certification f | for Ph | | |

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

| Emissions Unit Information Section
Boiler Unit Number 4 | 6 | | | |
|--|----------------------|------------------|---------------------|--|
| Pollutant Information Section 3 | _ · | | | |
| Allowable Emissions 1 | | | | |
| 1. Basis for Allowable Emissions Code: | RULE | Ξ | | |
| 2. Future Effective Date of Allowable En | nissions: 19-D | ec-2000 | | |
| 3. Requested Allowable Emissions and U | Jnits: 280 | р | pmv @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 Commo | ent (Desc. of Relate | ed Operating M | (lethod/Mode): | |
| PA 77-08 Special Conditions of Certifica | tion for NOX. MAC | T standards will | l lower to 250 ppm. | |

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

| | s Unit Information S
it Number 4 | Section 6 | <u> </u> | | | |
|-----------------|---|-------------------|----------|----------------|-----------------|--|
| Pollutant | Information Sectio | n <u>4</u> | | | | |
| <u>Allowabl</u> | e Emissions | 1 | | | | |
| 1. Basis | for Allowable Emiss | ions Code : | RU | LE | | |
| 2. Future | Effective Date of A | llowable Emissio | ons: 19 | -Dec-2000 | | |
| 3. Reque | ested Allowable Emis | ssions and Units: | 0 | | grain/SDCF@7%O2 | |
| 4. Equiv | alent Allowable Emi | ssions : | | | | |
| | • | 7 | lb/hour | 29 | tons/year | |
| 5. Metho | od of Compliance: | | | | | |
| EPA l | Method 5 | | | · | | |
| | ant Allowable Emiss -08 Special Certification | | | ated Operating | g Method/Mode): | |

III. Part 9c - 54

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

| | issions Unit Information Sect
ler Unit Number 4 | ion <u>6</u> | | | |
|--------------|--|---------------------|-------------------|----------|-----------------|
| Poll | utant Information Section | 5 | | | |
| Allo | owable Emissions 1 | | | | |
| 1.] | Basis for Allowable Emissions | Code: | RULE | | |
| 2. 1 | Future Effective Date of Allow | able Emission | ns: 19-Dec-2 | 2000 | |
| 3.] | Requested Allowable Emission | s and Units: | 0 | | gr/SDCF @ 7% O2 |
| 4.] | Equivalent Allowable Emission | as: | | | |
| | 7 | , | lb/hour | 29 | tons/year |
| 5.] | Method of Compliance: | | | | |
| - | EPA method 201 or 201A | | | | |
| 6 .] | Pollutant Allowable Emissions | Comment (D | esc. of Related C | perating | Method/Mode): |
| | PA 77-08 Special Certification C | onditions for F | PM10 | | |

III. Part 9c - 55

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

| | nissions Unit Information Section 6 iler Unit Number 4 | <u>. </u> | | | | | |
|-----|---|--|--------------|------------------------|--|--|--|
| Po | Pollutant Information Section 6 | | | | | | |
| All | owable Emissions 1 | | | | | | |
| 1. | Basis for Allowable Emissions Code: | RUL | E | - | | | |
| 2. | Future Effective Date of Allowable Emissio | ns: 19-I | 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 (I | Desc. of Relat | ed Operating | Method/Mode): | | | |
| | PA 77-08 Special Certification Cond for SO2 30 ppmvd @7%O2 or 70% removal effic. whic mean; not to exceed 70 ppmvd @7%O2, 0.16 lb | | | d on 24-hr daily geom. | | | |

. J 🕶 🔞

and the state of the

III. Part 9c - 56

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

| Emissions Unit Information Section 6 Boiler Unit Number 4 | | | | | | |
|---|---|--------------|-------------|---------------|--|--|
| Pollutant Information Section 7 | | | | | | |
| <u>All</u> | owable Emissions 1 | | | | | |
| 1. | Basis for Allowable Emissions Code: | RULE | | | | |
| 2. | Future Effective Date of Allowable Emission | ons: 19-Dec- | 2000 | | | |
| 3. | Requested Allowable Emissions and Units | : 25 | 1 | 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 (I | | Operating I | Method/Mode): | | |

III. Part 9c - 57

and the second of the second o

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

| | nissions Unit Information Section biler Unit Number 4 | 6 | | | | | |
|------------|--|--------------|-----------------|---------------------------|--|--|--|
| Po | Pollutant Information Section 8 | | | | | | |
| <u>All</u> | lowable Emissions 1 | | | | | | |
| 1. | Basis for Allowable Emissions Code: | RI | ULE | | | | |
| 2. | Future Effective Date of Allowable Emiss | sions: 1 | 9-Dec-2000 | | | | |
| 3. | Requested Allowable Emissions and Units | s: 6 | 0 | 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 Re | lated Operatir | ng Method/Mode): | | | |
| | PA 77-08 Special Certification Conditions for lb/hr, & 6.9E-5 tons/yr. | r DIOX. 60ng | /m3 (dry basis) | , 5.2E-8 lb/mmBtu, 1.6E-5 | | | |

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

| Emissions Unit Information Section 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/h | our 1 | tons/year |
| 5. Method of Compliance: | | |
| EPA Methods 13 or 13B | | |
| 6. Pollutant Allowable Emissions Comment (Desc. PA 77-08 Special Certification Conditions for FL | of Related Operating | ng Method/Mode): |

III. Part 9c - 59

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

| Emissions Unit Information Section Boiler Unit Number 4 | | | |
|---|----------------------|------------------|-------------------|
| Pollutant Information Section 10 | | | |
| Allowable Emissions 1 | | | |
| 1. Basis for Allowable Emissions Code: | RULE | | |
| 2. Future Effective Date of Allowable Emission | ns: 19-Dec-20 | 00 | |
| 3. Requested Allowable Emissions and Units: | 78 | ppmvd (| |
| 4. Equivalent Allowable Emissions: | | | |
| 31 | lb/hour | 134 t | ons/year |
| 5. Method of Compliance: | | | |
| EPA Method 26 or other methods which are app | proved by the EPA of | r the DEP | |
| 6. Pollutant Allowable Emissions Comment (D | esc. of Related Op | erating Method/ | /Mode): |
| PA 77-08 Special Certification Conditions for H
Emissions shall not exceed 25 ppmvd corrected
restirctive, based on a 24-hour daily geometric a | to 7 % O2, or 90 pe | rcent removal, w | hichever is least |

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

Effective: 3-21-96

Mark Brown and American

| | nissions Unit Information Section 6_
iler Unit Number 4 | | | |
|-----|--|----------|-------|-----------|
| Po | llutant Information Section11 | | | |
| All | lowable 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 (Des
PA 77-08 Special Certification Conditions H2SO4
method detection limit. | | | |

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

| Emissions Unit Information Section6 Boiler Unit Number 4 | | | | |
|--|------------------|------------------|--------------------|--|
| Pollutant Information Section | 12 | | | |
| Allowable Emissions 1 | | | | |
| 1. Basis for Allowable Emissions | Code: | RULE | | |
| 2. Future Effective Date of Allowa | able Emissions: | 19-Dec-2000 | | |
| 3. Requested Allowable Emissions | s and Units: | 9 | ug/Nm3 @7% O2 | |
| 4. Equivalent Allowable Emission | ıs: | | | |
| 0 | lb/ho | ur 0 | tons/year | |
| 5. Method of Compliance : | | | | |
| EPA Method 108 | | | | |
| 6. Pollutant Allowable Emissions | Comment (Desc. o | of Related Opera | ting 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

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

| Emissions Unit Information Section 6 Boiler Unit Number 4 | | | | | |
|---|--|-------------|------------|---------|---------------|
| Po | ollutant Information Section 13 | | | | |
| Al | lowable Emissions 1 | | | | |
| 1. | Basis for Allowable Emissions Code: | 1 | RULE | | |
| 2. | Future Effective Date of Allowable Emissio | ns : | 19-Dec-20 | 00 | |
| 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 (I | Desc. of R | Related Op | erating | Method/Mode): |
| | PA 77-08 Special Conditions of Certification for 4E-7 lb/mmBtu, .00012 lb/hr, & .0005 tons/yr. | or Berylliu | ım of | | |

III. Part 9c - 63

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

| Emissions Unit Information Section6_
Boiler Unit Number 4 | | | | | |
|--|----------------------------------|---------------|--|--|--|
| Pollutant Information Section 14 | 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/l | hour 0 | tons/year | | | |
| 5. Method of Compliance: | | | | | |
| Method 101A | | | | | |
| 6. Pollutant Allowable Emissions Comment (Desc. PA 77-08 Special Certification Conditions . The red 80% by weight, NTE 6.1E-15 lb/mmBtu. | - | | | | |

III. Part 9c - 64

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

| | nissions Unit Information Section6_
iler Unit Number 4 |
|------------|---|
| Po | Ilutant Information Section15 |
| <u>All</u> | owable 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 1b/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. |

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

| missions Unit Information Section 6 oiler Unit Number 4 |
|--|
| ollutant Information Section16 |
| Illowable Emissions 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 |
| 1. Equivalent Allowable Emissions: |
| 0 lb/hour 0 tons/year |
| 6. Method of Compliance: |
| Method 29 |
| 5. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode): |
| PA 77-08 Special Certification Conditions for Cd |

III. Part 9c - 66

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

I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

| Boiler Unit Number 1 | | | |
|--|--------------|---------------------------|--|
| Visible Emissions Limitation: Visible Emissions I | imitation | 1 | |
| 1. Visible Emissions Subtype: VE | | | |
| 2. Basis for Allowable Opacity: RULE | | | |
| 3. Requested Allowable Opacity: | | | |
| 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. of excess emissions during start-up, shut down or malf condition and max. period of excess would be 100% o | function dur | ing any 24-hour period. E | |

III. Part 10 - 1

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

I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

| Emissions Unit Information Section2 Refuse Derived Fuel Processing and Biomass Production | | | | |
|---|--|-------------|--------------------------|-----------|
| <u>Visible Emissions Limitation:</u> Visib | le Emissions Li | mitation | 1 | |
| 1. Visible Emissions Subtype: | VE | | | |
| 2. Basis for Allowable Opacity: | RULE | | | |
| 3. Requested Allowable Opacity: | | | | |
| Normal | Conditions: | 5 | % | |
| | Conditions: | 60 | % | |
| Maximum Period of Excess Opaci | | 6 | min/hour | |
| 4. Method of Compliance: EPA Method 9 | | | | |
| 5. Visible Emissions Comment: Visible Emissions Monitoring required excess emissions during start-up, shut of Condition and max. period of excess we for biomass baghouse is 5%, other bag | down, or malfunctional down, or malfunction of the look of the loo | tion during | g any 24-hour period. Ex | ceptional |
| | | | | |

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

. . .

I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

| Emissions Unit Information Section Boiler Unit Number 2 | | |
|--|------------|-------------------------------------|
| Visible Emissions Limitation: Visible Emissions Lin | nitation | _1_ |
| 1. Visible Emissions Subtype: VE | | |
| 2. Basis for Allowable Opacity: RULE | | |
| 3. Requested Allowable Opacity: | | |
| 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. PS of excess emissions during start-up, shut down or malfur condition and max. period of excess would be 100% or 6 | ction duri | ing any 24-hour period. Exceptional |

III. Part 10 - 3

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

I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

| Boiler Unit Number 3 | | | |
|---|--------------|-------------------------------------|--|
| <u>Visible Emissions Limitation</u> : Visible Emissions | Limitation | | |
| 1. Visible Emissions Subtype: VE | | | |
| 2. Basis for Allowable Opacity: RULE | | | |
| 3. Requested Allowable Opacity: | | | |
| Normal Conditions : | 10 | % | |
| Exceptional Conditions: | 60 | % | |
| Maximum Period of Excess Opacity Allowed: | 6 | min/hour | |
| 4. Method of Compliance: | <u> </u> | • | |
| Continuous Opacity Analyzer | | | |
| 5. Visible Emissions Comment: | | | |
| Visible Emissions Monitoring required by Permit No of excess emissions during start-up, shut down or ma condition and max. period of excess would be 100% | lfunction du | uring any 24-hour period. Exception | |

a consider the

III. Part 10 - 4

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

I. VISIBLE EMISSIONS INFORMATION (Regulated Emissions Units Only)

| Boiler Unit Number 4 | | | |
|--|------------|--------------------------------|--|
| Visible Emissions Limitation: Visible Emissions Limitation | nitation | 1 | |
| 1. Visible Emissions Subtype: VE | | | |
| 2. Basis for Allowable Opacity: RULE | | | |
| 3. Requested Allowable Opacity: | | | |
| 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. Ps of excess emissions during start-up, shut down or malfur condition and max. period of excess would be 100% or one of the condition and max. | nction dur | ring any 24-hour period. Excep | |

III. Part 10 - 5

· 1987年 - 19874 - 1987年 - 19874 - 1987年 - 198

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

| Во | Boiler Unit Number 1 Continuous Monitoring System: Continuous Monitor 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. PS date, and test date is not available now because the | SD-FL-006(A). The monitor information installation continuous monitor has not yet been purchased. | |

We have the second

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

Effective: 3-21-96

The state of the state of

| Boiler Unit Number 1 | | |
|---|--|--|
| Continuous Monitoring System: Continuous Mo | onitor 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. PSI date, and test date is not avalaible now because the | D-FL-006(A). The monitor information installation continuous monitor has not yet been purchased. | |

III. Part 11 - 2

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

| 1. Parameter Code: | VE | 2. Pollutant : |
|---|--------------------|----------------|
| 3. CMS Requirement : | RULE | |
| 4. Monitor Information | n : | |
| Manufactur
Model Numb
Serial Numb | per: | ble |
| 5. Installation Date: | | |
| 6. Performance Specific | ication Test Date: | |
| | | |
| and the second of the second | | |

III. Part 11 - 3

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

The transfer for the transfer of the transfer

| Emissions Unit Information Section1 Boiler Unit Number 1 Continuous Monitoring System: Continuous Monitor4 | | |
|--|--|--|
| 1. Parameter Code: EM | 2. Pollutant : SO2 | |
| 3. CMS Requirement: RULE | | |
| 4. Monitor Information: Manufacturer: Not available Model Number: Serial Number: | ble | |
| 5. Installation Date: | | |
| 6. Performance Specification Test Date : | | |
| 1 | it No. PSD-FL-006(A). Installation and test date information us monitors have not yet been purchased. One is to be located ream of the baghouse. | |

III. Part 11 - 4

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

The state of the s

| Boiler Unit | Emissions Unit Information Section1 Boiler Unit Number 1 Continuous Manitonias Section at Continuous Maniton6 | | |
|-------------|---|---|--|
| | Continuous Monitor 5 | | |
| 1. Parame | eter Code: TEMP | 2. Pollutant : | |
| 3. CMS I | equirement: RULE | | |
| 4. Monito | r Information : | | |
| | Manufacturer: Not availabl
Model Number:
Serial Number: | le | |
| 5. Installa | tion Date: | | |
| 6. Perform | nance Specification Test Date: | | |
| 7. Contin | uous Monitor Comment: | | |
| and tes | | nit PSD-F006(A). The monitor information installation date, the equipment has not yet been purchased. The temperature | |

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

Effective: 3-21-96

LONG BOOK SERVICES

| 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 : | | |
| Seriai Number . | | |
| 5. Installation Date: | | |
| 6. Performance Specification Test Date: | | |
| 7. Continuous Monitor Comment : | · | |
| Continuous Monitoring required by Permit PSD-F0 information installation date, and test date is not av purchased. | 0006 (A). The mercury reagent usage rate monitor ailable now because the equipment has not yet been | |

kan di kantan di 1968 dan Kantan di Kantan di Kantan dan Kantan di Kantan di Kantan di Kantan di Kantan di Kan

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

| Cmissions Unit Information Section1soiler Unit Number 1 | | |
|---|---|--|
| Continuous Monitoring System: Continuous Monitor 7 | | |
| Parameter Code: FLOW | 2. Pollutant: | |
| CMS Requirement: RULE | | |
| Monitor Information: | | |
| Manufacturer: Not avenue Model Number: Serial Number: | ailable | |
| Installation Date: | | |
| Performance Specification Test Date | te : | |
| es a | | |
| Continuous Monitor Comment: | | |
| | Permit PSD-F006(A). The slaked lime utilization monitor date is not available now because the equipment has not yet been | |
| | Intinuous Monitoring System: Co Parameter Code: FLOW CMS Requirement: RULE Monitor Information: Manufacturer: Not av Model Number: Serial Number: Installation Date: Performance Specification Test Date Continuous Monitoring required by P information installation date and test of | |

and the second of the second o

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

| Boiler Unit Number 1 | | | |
|---|--|--|--|
| Continuous Monitoring System: Continuous | 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: | | | |
| | SD-F006(A). The power generation (MW) total steam monitor information, installation, and test date, is not | | |

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

Control of the Control of the State of the Control of the Control

| 1. Parameter Code: FLOW | 2. Pollutant: |
|---|---------------|
| 3. CMS Requirement : RULE | |
| 4. Monitor Information: | |
| Manufacturer: Not availa Model Number: Serial Number: | able |
| 5. Installation Date: | |
| | |
| 6. Performance Specification Test Date: | |
| 6. Performance Specification Test Date: | |

III. Part 11 - 9

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

Strawnist Control of the State of the State

| Emissions Unit Information Section1 Boiler Unit Number 1 | | |
|--|--|--|
| Continuous Monitoring System: Continuo | ous 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 : | | |
| 1 | SD-F006(A). The monitor information installation date, and quipment has not yet been purchased. The temperature of the | |

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

| Emissions Unit Information Section4 Boiler Unit Number 2 Continuous Monitoring System: Continuous Monitor1 | | |
|---|---|--|
| 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. Padate, and test date is not available now because the | SD-FL-006(A). The monitor information installation e continuous monitor has not yet been purchased. | |

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

| Emissions Unit Information Section4 Boiler Unit Number 2 Continuous Monitoring System: Continuous Monitor2 | | |
|--|---|--|
| 1. Parameter Code: O2 | 2. Pollutant : | |
| 3. CMS Requirement: RULE | | |
| 4. Monitor Information : | | |
| Manufacturer : Not availal
Model Number :
Serial Number : | ble | |
| 5. Installation Date: | | |
| 6. Performance Specification Test Date: | | |
| 7. Continuous Monitor Comment : | · | |
| | nit No. PSD-FL-006(A). The monitor information installation ecause the continuous monitor has not yet been purchased. | |

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

| Con | Continuous Monitor 3 | | |
|------|--|---|--|
| 1. F | Parameter Code: VE | 2. Pollutant : | |
| 3. (| CMS Requirement : RULE | | |
| 4. N | Monitor Information: | | |
| | Manufacturer: Not available Model Number: Serial Number: | | |
| 5. I | nstallation Date: | | |
| 6. F | Performance Specification Test Date: | | |
| | | | |
| 7. (| Continuous Monitor Comment: | | |
| | | No. PSD-FL-006(A). The monitor information installation ause the continuous monitor has not yet been purchased. | |

and the contract of the contra

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

| Emissions Unit Information Section4 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 : | No DCD ET 006(A) Installation and tost data information | |
| | No. PSD-FL-006(A). Installation and test date information monitors have not yet been purchased. One is to be located m of the baghouse. | |

III. Part 11 - 14

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

| 1. Parameter Code: TEMP | 2. Pollutant : |
|---|--|
| 3. CMS Requirement: RULE | |
| 4. Monitor Information: | |
| Manufacturer: Not availa
Model Number:
Serial Number: | able |
| 5. Installation Date: | |
| 6. Performance Specification Test Date: | : |
| 7. Continuous Monitor Comment : | |
| | ermit PSD-F006(A). The monitor information installation date, see the equipment has not yet been purchased. The temperature d. |
| A Proposition of the Control of the | |

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

| 1. Parameter Code: FLOW | 2. Pollutant: |
|--|--|
| 3. CMS Requirement: RULE | |
| 4. Monitor Information : | |
| Manufacturer: Not availab
Model Number:
Serial Number: | ole |
| 5. Installation Date: | |
| 6. Performance Specification Test Date: | |
| | |
| 7. Continuous Monitor Comment: | |
| | t PSD-F0006 (A). The mercury reagent usage rate n is not available now because the equipment has not |
| *, - ⁷ | |

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

Effective: 3-21-96

| Emissions Unit Information Section4 Boiler Unit Number 2 | | |
|--|--|--|
| Continuous Monitoring System: Continuous M. 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: | <u>. </u> | |
| Continuous Monitoring required by Permit PSD-F information installation date and test date is not avpurchased. | 7006(A). The slaked lime utilization monitor vailable now because the equipment has not yet been | |

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

and American telegraph telegraphs the first telegraphs the control of the contro

| Boiler Unit Number 2 | | |
|---|----------------|--|
| Continuous Monitoring System: Continu | uous Monitor 8 | |
| 1. Parameter Code: FLOW | 2. Pollutant : | |
| 3. CMS Requirement: RULE | | |
| 4. Monitor Information: | | |
| Manufacturer : Not availab
Model Number :
Serial Number : | le | |
| 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. | | |

and the control of th

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

| Emissions Unit Information Section4
Boiler Unit Number 2 | | |
|--|---------------|--|
| Continuous Monitoring System: Continuo | ous 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. | | |

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

| Boiler Unit Number 2 | | | |
|---|---------------------------------|--|--|
| Continuous Monitoring System: Continuous | | | |
| 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 : | 7. Continuous Monitor Comment : | | |
| Continuous Monitoring reuired 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. | | | |

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

| 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. PS date, and test date is not available now because the | SD-FL-006(A). The monitor information installation continuous monitor has not yet been purchased. | |

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

grand and the second se

| Во | Emissions Unit Information Section5 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 : | | |
| 5. | Serial Number: 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. | | |

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

| Boiler Unit Number 3 | | |
|--|----------------|--|
| Continuous Monitoring System: Continuous | s 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 avalaible now because the continuous monitor has not yet been purchased. | | |

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

| Boiler Unit Number 3 | | |
|---|--------------------|--|
| Continuous Monitoring System: Continuous Monitoring System: EM | 2. Pollutant: SO2 | |
| 1. Tarameter Code . Eavi | 2. I onutant . 302 | |
| 3. CMS Requirement: RULE | | |
| 4. Monitor Information : | | |
| Manufacturer: Not availab Model Number: | ile | |
| Serial Number: | | |
| 5. Installation Date: | | |
| 6. Performance Specification Test Date: | | |
| 7. Continuous Monitor Comment : | | |
| Continuous Monititorig 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. | | |

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

Effective: 3-21-96

and the state of the state of the state of

| Emissions Unit Information Section5 Boiler Unit Number 3 Continuous Monitoring System: Continuous Monitor 5 | | |
|---|---|--|
| . Parameter Code : TEMP | 2. Pollutant : | |
| 3. CMS Requirement: RULE | | |
| . CIVIS Requirement. ROLE | | |
| Monitor Information: | | |
| Manufacturer: Not available | | |
| Model Number: | | |
| Serial Number: | | |
| 5. Installation Date: | | |
| 6. Performance Specification Test Date: | | |
| 7. Continuous Monitor Comment: | | |
| | SD-F006(A). The monitor information installation date, quipment has not yet been purchased. The temperature | |
| 7. Continuous Monitor Comment: Contininuous Monitoring required by Permit PS and test date is not available now because the equipment of the second | | |

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

| | Boiler Unit Number 3 | | |
|-----------|--|------------------|--|
| <u>Co</u> | ntinuous Monitoring System: Conti | inuous Monitor 6 | |
| 1. | Parameter Code: FLOW | 2. Pollutant : | |
| 3. | CMS Requirement: RULE | | |
| 4. | 4. Monitor Information: | | |
| | Manufacturer: Not availa
Model Number:
Serial Number: | able | |
| 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. | | |
| | | | |

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

Hery feetige from the control of the control of the control

| Boiler Unit Number 3 | | | |
|--|--------------------------|--|--|
| Continuous Monitoring System: Continu | uous Monitor 7 | | |
| 1. Parameter Code: FLOW | 2. Pollutant : | | |
| 3. CMS Requirement: RULE | | | |
| 4. Monitor Information : | 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. | | | |
| | | | |

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

| Emissions Unit Information Section5
Boiler Unit Number 3 | | |
|---|----------------|--|
| Continuous Monitoring System: Continuous Mo | onitor 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-F0 production (lb/hr, pressure and temperature) monito available at this time. | | |

III. Part 11 - 28

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

| Boiler Unit Number 3 | | | | |
|--|---|--|--|--|
| Continuous Monitoring System: Continuo | 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 PS and temperature) monitor information is not a | SD-F006(A). The total steam production (lbs/hr, pressure available yet. | | | |

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

the street and the profession of the street of the street

| Emissions Unit Information Section5 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 a | vailable | | |
| Model Number: Serial Number: | valiable | | |
| 5. Installation Date: | | | |
| 6. Performance Specification Test D | ate: | | |
| 7. Continuous Monitor Comment : | | | |
| | Permit PSD-F006(A). The monitor information installation date, and se the equipment has not yet been purchased. The temperature of the | | |

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

and the second section of the second second

| 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: | | | |
| · · · · · · · · · · · · · · · · · · · | PSD-FL-006(A). The monitor information installation the continuous monitor has not yet been purchased. | | |

region to experience of the contract of the co

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

| Bo | Emissions Unit Information Section6 Boiler Unit Number 4 Continuous Monitoring System: Continuous Monitor 2 | | | |
|----|--|------------------|---|--|
| | Parameter Code: | O2 | 2. Pollutant: | |
| 3. | CMS Requirement : | RULE | | |
| 4. | Monitor Information | | | |
| | Manufacture
Model Numbe
Serial Numbe | er: | lable | |
| 5. | Installation Date: | | | |
| 6. | Performance Specific | cation Test Date | : | |
| 7. | Continuous Monitor | Comment: | | |
| | | | rmit No. PSD-FL-006(A). The monitor information installation because the continuous monitor has not yet been purchased. | |

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

The Control of the Co

| Emissions Unit Information Section6 Boiler Unit Number 4 | | | |
|---|---|--|--|
| Continuous Monitoring System: Continuous I 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 : | | | |
| | PSD-FL-006(A). The monitor information installation | | |
| date, and test date is not avalaible now because t | the continuous monitor has not yet been purchased. | | |

III. Part 11 - 33

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

Effective: 3-21-96

State State of the second

| 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: | | | |
| | o. PSD-FL-006(A). Installation and test date information nonitors have not yet been purchased. One is to be located of the baghouse. | | |

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

| Boi | Boiler Unit Number 4 | | | |
|-----|--|---|--|--|
| | ntinuous Monitoring System: Continuous Mo | | | |
| 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-
and test date is not available now because the equip
of the combustion zone will be monitored. | F006(A). The monitor information installation date, oment has not yet been purchased. The temperature | | |
| 1 | | | | |

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

| Emissions Unit Information Section6 Boiler Unit Number 4 Continuous Monitoring System: Continuous Monitor6 | | |
|--|---|--|
| 1. Parameter Code: FLOW | 2. Pollutant : | |
| 3. CMS Requirement: RULE | | |
| 4. Monitor Information: Manufacturer: Not availabl Model Number: Serial Number: | le | |
| 5. Installation Date: | | |
| 6. Performance Specification Test Date : | | |
| | PSD-F0006 (A). The mercury reagent usage rate monitor is not available now because the equipment has not yet been | |

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

| Boil | Boiler Unit Number 4 | | | | |
|-------------|--|--|--|--|--|
| <u>Con</u> | ntinuous Monitoring System: Continuous M | Ionitor 7 | | | |
| 1.] | Parameter Code: FLOW | 2. Pollutant : | | | |
| 3. (| CMS Requirement : RULE | | | | |
| 4.] | 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-F information installation date and test date is not avpurchased. | 2006(A). The slaked lime utilization monitor vailable now because the equipment has not yet been | | | |

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

| Emissions Unit Information Section6 Boiler Unit Number 4 | | | |
|---|---|---|--|
| <u>ious Monitoring</u> | System: Contin | nuous Monitor 8 | |
| meter Code: | FLOW | 2. Pollutant : | |
| S Requirement : | RULE | | |
| Manufacture
Model Numbe | er: Not availal
er: | ble | |
| Serial Number Serial Number | ?r:
──── | | |
| _ | | | |
| ormance Specific | cation Test Date: | | |
| tinuous Monitorin | g required by Perm | nit PSD-F006(A). The power generation (MW) total steam ure) monitor information, installation, and test date, is not | |
| | meter Code: Requirement: Manufacture Model Number Serial Number Illation Date: ormance Specification inuous Monitorinuous Monitorinuous Monitorinuous Monitorinuction (lb/hr, pres | it Number 4 Sous Monitoring System: Continues Monitoring System: Continues Manufacturer: RULE Manufacturer: Not availa Model Number: Serial Number: Serial Number: Illation Date: inuous Monitor Comment: inuous Monitoring required by Permuction (lb/hr, pressure and temperate | |

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

| 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 Parand temperature) monitor information is not | SD-F006(A). The total steam production (lbs/hr, pressure t available yet. | | |

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

and the second

| Boiler Unit Number 4 | | | | |
|----------------------|---|---|----|--|
| Continuous Mon | itoring System: Con | ntinuous Monitor 10 | | |
| 1. Parameter Co | de: TEMP | 2. Pollutant: | `` | |
| 3. CMS Require | ement: OTHER | | | |
| 4. Monitor Infor | mation: | | | |
| Model | ifacturer: Not avai
Number:
Number: | ilable | | |
| 5. Installation D | ate: | | | |
| 6. Performance | Specification Test Date | | | |
| Continuous M | available now because the | mit PSD-F006(A). The monitor informathe equipment has not yet been purchase | | |

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

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

| Emis | sions Unit Information Section1_ |
|------------|--|
| Boile | r Unit Number 1 |
| <u>PSD</u> | Increment Consumption Determination |
| 1. In | crement 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. |

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

| 2. | Increment | Consuming | for Nitrogen | Dioxide? |
|----|-----------|-----------|--------------|----------|
|----|-----------|-----------|--------------|----------|

- [X] 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.

| _ | Increment | \sim | | ACC. | 1. | \sim 1 |
|----|-----------|--------|------|---------|-------|----------|
| 4 | Increment | Oncii | mina | /H Vhan | Aina. | · Me · |
| J. | шостопоп | | عسس | LADAU | ше | COU. |

PM:

SO2:

C

NO2: C

4. Baseline Emissions:

PM:

lb/hour

tons/year

SO2:

1b/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 - 2

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

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

| Emis | ssions Unit Information Section 2 |
|----------|--|
| Refus | se Derived Fuel Processing and Biomass Production |
| PSD | Increment Consumption Determination |
| 1. In | acrement 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. |
| [X] | 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. |
| T 18 845 | 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

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

| 2. | In | crement Consuming for Nitro | ogen Dioxi | de? | | |
|-----|-----|---|-------------|-------------------------|---------------------------------------|--|
| [|] | The emissions unit addresse application, or has undergor unit consumes increment. | | | • • | - |
| [|] | The facility addressed in thi paragraph (c) of the definition and the emissions unit addressed after February 8, 1988. If so increment. | on of "majo | or source of section of | of air pollution" in ommenced (or wil | Chapter 62-213, F.A.C., 1 commence) construction |
| [|] |] 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. | | | | |
| [| 1 | For any facility, the emission 1988. If so, baseline emission | _ | | • | |
| [X | [] | None of the above apply. It case, additional analysis, be changes in emissions have expand increment. | yond the so | ope of thi | s application, is ne | eded to determine whether |
| 3. | I | ncrement Consuming/Expand | ling Code : | | | |
| 2 | : | PM : " U | SO2: | U | NO2: | U |
| 4 | . В | Baseline Emissions: | | | | |
| | | PM : | lb/hour | | | tons/year |
| | ^, | S 02 :35546567 | lb/hour | | | tons/year |
| | | NO2: | | | d | _tons/year |
| 5. | | SD Comment: Emissions Unit does not emit SC | 2 or NOX. I | PSD reviev | was originally con | upleted on February 27, |

III. Part 12 - 4

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

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

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. |
| [X] 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. |

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

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

3. Increment Consuming/Expanding Code:

PM:

U

SO2:

U

NO2: U

4. Baseline Emissions:

PM:

lb/hour

tons/year

SO2:

lb/hour

tons/year

NO2:

tons/year

5. PSD Comment:

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

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

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 applic review previously, for particulate matter or sulfur dioxide. If so, en increment. | |
| [] The facility addressed in this application is classified as an EPA maparagraph (c) of the definition of "major source of air pollution" in and the emissions unit addressed in this section commenced (or wind after January 6, 1975. If so, baseline emissions are zero, and emission increment. | Chapter 62-213, F.A.C.,
Il commence) construction |
| [] The facility addressed in this application is classified as an EPA material emissions unit began initial operation after January 6, 1975, but be so, baseline emissions are zero, and emissions unit consumes incre | fore December 27, 1977. If |
| [] For any facility, the emissions unit began (or will begin) initial ope 1977. If so, baseline emissions are zero, and emissions unit consumates the consumate of the consumates of the consum | • |
| [] None of the above apply. If so, the baseline emissions of the emiss such case, additional analysis, beyond the scope of this application whether changes in emissions have occurred (or will occur) after the consume or expand increment. | , is needed to determine |

III. Part 12 - 7

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

| 2. In | crement Consur | ning for l | Nitrogen Dioxid | e? | | | |
|-------|-------------------------------------|---------------------------|-------------------------------------|---------------------------|--|-------------------------------------|---------------------------|
| [X] | | has unde | rgone PSD revi | | dergoing PSD revusly, for nitrogen | - | |
| [] | paragraph (c) c
and the emission | of the defi
ons unit a | nition of "majo
ddressed in this | r source of
section co | ied as an EPA ma
f air pollution" in o
ommenced (or will
are zero, and emis | Chapter 62-2
l commence | 213, F.A.C., construction |
| [] | emissions unit | began in | itial operation a | fter Februa | fied as an EPA ma
ary 8, 1988, but be
it consumes incre | fore March | |
| [] | • | | | • | begin) initial operssions unit consur | | |
| [] | case, additiona | l analysis | s, beyond the sc | ope of this | ns of the emissions application, is nerent after the baseling | eded to deter | rmine whether |
| 3. L | ncrement Consu | ming/Exp | panding Code: | | · · | | |
| | PM : | C | SO2: | C | NO2: | C | |
| 4. E | Baseline Emission | ons : | | | | | |
| : | PM :
SO2 :
NO2 : | | lb/hour
lb/hour | | | tons/year
tons/year
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.

tons/year

III. Part 12 - 8

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

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

| Emissions Unit Information Section 5 |
|--|
| Zimssions out into mation petion |
| Boiler Unit Number 3 |
| DCD I was and Comment of the Data with the |
| 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. |

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

| 2. | ln | crement Consuming for N | litrogen Dioxide? | | |
|-----|-----|---|--|--|------------------------|
| [X | [] | | gone PSD review previo | dergoing PSD review as part of tusly, for nitrogen dioxide. If so, | |
| [|] | paragraph (c) of the definand the emissions unit ac | nition of "major source or difference of the section could be section to the section of the sect | fied as an EPA major source purs
f air pollution" in Chapter 62-213
ommenced (or will commence) care zero, and emissions unit cons | 3, F.A.C., onstruction |
| [|] | emissions unit began ini | | fied as an EPA major source, and ary 8, 1988, but before March 28 it consumes increment. | |
| [|] | | • | begin) initial operation after Massions unit consumes increment. | rch 28, |
| [|] | case, additional analysis | , beyond the scope of this | ns of the emissions unit are nonzest application, is needed to determine the baseline date that may | ine whether |
| 3. | Iı | ncrement Consuming/Exp | anding Code: | | |
| | | PM: C | SO2: C | NO2: C | |
| 4. | В | Baseline Emissions: | | | |
| | | PM: | lb/hour | tons/year | |

5. PSD Comment:

SO2:

NO2:

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.

tons/year

tons/year

III. Part 12 - 10

lb/hour -

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

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

| E | mis | sions Unit Information Section6_ |
|----------|------------|--|
| В | oilei | r Unit Number 4 |
| <u>P</u> | <u>SD</u> | Increment Consumption Determination |
| 1. | In | crement Consuming for Particulate Matter or Sulfur Dioxide? |
| [7 | K] | 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. |

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

| 2. | Increment | Consuming | for l | Vitrogen | Dioxide? |
|----|-----------|-----------|-------|----------|----------|
|----|-----------|-----------|-------|----------|----------|

- [X] 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.
- 1 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:

 \mathbf{C} PM:

SO2:

 \mathbf{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 - 12

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



| 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) |
| 5. Procedures for Startup and Shutdown: | Exhibit 20 |
| 7. Operation and Maintenance Plan: | Exhibit 21 |
| 3. Supplemental Information for Construction Permit Application: | NA . |
| O. Other Information Required by Rule or Statue : | NA |
| Additional Supplemental Requirements for Category I Application | ıs Only |
| 10. Alternative Methods of Operations: | NA |

III. Part 13 - 1

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

| 12. Identification of A | Additional Applicable Requirements: | Exhibit 11 | |
|------------------------------|--|--|--|
| 13. Compliance Assu
Plan: | rance Monitoring | NA | |
| 14. Acid Rain Applic | ation (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 | New Unit Exemption (Form No. 62-210.900(1)(a)2.) | |
| NA | Retired Unit Exemption (Form | No. 62-210.900(1)(a)3.) | |
| | | | |

__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 Application | as Only |
| 10. Alternative Methods of Operations: | NA |
| 11. Alterntive Modes of Operation (Emissions Trading): | NA |
| | |

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

Emissions Unit Information Section

| 12. Identification of A | Additional Applicable Requirements: | Exhibit 11 |
|------------------------------|-------------------------------------|-----------------------------|
| 13. Compliance Assu
Plan: | rance Monitoring | NA |
| 14. Acid Rain Applic | ation (Hard-copy Required): | |
| NA | Acid Rain Part - Phase II (Form | No. 62-210.900(1)(a)) |
| NA | Repowering Extension Plan (Fo | orm No. 62-210.900(1)(a)1.) |
| NA | New Unit Exemption (Form No | o. 62-210.900(1)(a)2.) |
| NA | Retired Unit Exemption (Form | No. 62-210.900(1)(a)3.) |

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 Application | ns Only |
| 10. Alternative Methods of Operations: | NA |
| 11. Alterntive Modes of Operation (Emissions Trading): | NA |
| | |

III. Part 13 - 5

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

Emissions Unit Information Section

| 12. Identification of A | Additional Applicable Requirements: | Exhibit 11 |
|------------------------------|--|-----------------------------|
| 13. Compliance Assu
Plan: | arance Monitoring | NA |
| 14. Acid Rain Applic | cation (Hard-copy Required): | |
| NA | Acid Rain Part - Phase II (Form | No. 62-210.900(1)(a)) |
| NA | Repowering Extension Plan (Fo | orm 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.) |

Section of the Marketine Commencer

| 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 Application | us Only | |
| 10. Alternative Methods of Operations: | NA | |
| 11. Alterntive Modes of Operation (Emissions Trading): | NA | |
| | | |

III. Part 13 - 7

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

Emissions Unit Information Section

| 12. Identification of A | Additional Applicable Requirements: | Exhibit 11 |
|------------------------------|-------------------------------------|----------------------------|
| 13. Compliance Assu
Plan: | rance Monitoring | NA |
| 14. Acid Rain Applic | ation (Hard-copy Required): | |
| NA | Acid Rain Part - Phase II (Form | No. 62-210.900(1)(a)) |
| NA | Repowering Extension Plan (Fo | rm No. 62-210.900(1)(a)1.) |
| NA | New Unit Exemption (Form No | . 62-210.900(1)(a)2.) |
| NA | Retired Unit Exemption (Form 1 | No. 62-210.900(1)(a)3.) |
| | | |

the state of the s

4, 5 %

| 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 Application | us Only |
| 10. Alternative Methods of Operations: | NA |
| 11. Alterntive Modes of Operation (Emissions Trading): | NA |
| · | |

III. Part 13 - 9

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

| 12. Identification of A | Additional Applicable Requirements: | Exhibit 11 |
|-------------------------------|-------------------------------------|----------------------------|
| 13. Compliance Assu
Plan : | urance Monitoring | NA |
| 14. Acid Rain Applic | cation (Hard-copy Required): | |
| NA | Acid Rain Part - Phase II (Form | No. 62-210.900(1)(a)) |
| NA | Repowering Extension Plan (Fo | rm No. 62-210.900(1)(a)1.) |
| NA | New Unit Exemption (Form No | . 62-210.900(1)(a)2.) |
| NA | Retired Unit Exemption (Form | No. 62-210 900(1)(a)3.) |

To the State of the state of

| 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 Application | ns Only |
| 10. Alternative Methods of Operations: | NA |
| 11. Alterntive Modes of Operation (Emissions Trading): | NA |
| | · · · · · · · · · · · · · · · · · · · |

III. Part 13 - 11

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

Emissions Unit Information Section

| 12. Identification of | Additional Applicable Requirements: | Exhibit 11 | |
|------------------------------|-------------------------------------|--|--|
| 13. Compliance Assu
Plan: | urance Monitoring | NA | |
| 14. Acid Rain Applie | cation (Hard-copy Required) : | | |
| NA | Acid Rain Part - Phase II (Form | No. 62-210.900(1)(a)) | |
| NA | Repowering Extension Plan (Fo | orm No. 62-210.900(1)(a)1.) | |
| NA | New Unit Exemption (Form No | New Unit Exemption (Form No. 62-210.900(1)(a)2.) | |
| NA | Retired Unit Exemption (Form | No. 62-210.900(1)(a)3.) | |
| | | | |

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