Indiantown Cogeneration, L.P.

February 27, 1998

Mr. Al Linero
Florida Department of Environmental Protection
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

VIA FEDERAL EXPRESS

Re: *Indiantown Cogeneration, L.P. Preconstructioin Permit Amendment*

Dear Mr. Linero:

Enclosed is Indiantown Cogeneration, L.P.'s application to amend their preconstruction permit, PSD-FL-168. Indiantown Cogeneration is operating under this permit while the Title V Operating Permit Application is under review.

This amendment is to correct an oversight in the visible emissions' limitation for the pulverized coal fired main boiler. The permit limits the visible emissions from this source to 10% opacity during normal operation, but does not provide for exceptional circumstances. To be consistent with the federal New Source Performance Standards (NSPS) for this source, we are requesting one 6-minute period per hour of opacity up to 27%. This would allow for maintenance of the system (bag changes, etc.).

No pollutant emission rates are affected. Page 44 of the application shows the new requested allowable opacity. The other information in the enclosed application is identical to that listed in the Title V Operating Permit Application currently under review by Tom Cascio, (FDEP) and is consistent with the current permit. We have discussed this application with Tom, and our goal is to obtain approval of this application in time to have the change incorporated into the Title V Operating Permit.

No attachments are provided in this application because they are available as part of the Title V Operating Permit application. If you need any additional data, or copies of the data submitted with the Title V Operating permit application, please contact us.

"Doing Business in Florida as Indiantown Cogeneration, L.P. Limited Partnership"
P.O. Box 1799 • 19140 SW Warfield Blvd. • Indiantown, Florida 34956 • 561-597-6500 • Fax 561-597-6210

We have also included a check for $250. Based on our review of the permit fee schedule in Rule 62-4, this is our best interpretation of the appropriate fee for a permit modification of this type. If a different fee (or no fee) should be submitted, please contact us.

If you have any questions, please contact myself at (561) 597-6500 or A.J. Jablonowski, consultant with Earthtech at (978) 371-4339.

Sincerely,

Steve Sorrentino
Plant Director

Enclosure: 1

bc: V. Zambito
B. Veech
M. Golden
V. Gill
cc: Hamilton "Buck" Owen, FDEP, Tallahassee
Tom Tittle, FDEP, SE District
Doc. Control No.: 980522
Project File: 6.3.1.5
cc: J. Cascio, BAR

Indiantown Cogeneration, L.P.

sent check back 11 Mar. '98

March 10, 1998

Mr. Al Linero
Florida Department of Environmental Protection
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

VIA FACSIMILE/FEDERAL EXPRESS OTHERWISE DELETE

Re: Amendment Fee

Dear Mr. Linero:

Enclosed is the $250.00 fee for the Permit to Construct Amendment. The Permit to Construct Amendment paperwork has been forwarded to you previously.

Sincerely,

Byron Veech
Environmental, Safety and Health Coordinator

Enclosure: 1

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FLORIDA DEP LOGO

Department of Environmental Protection

RECEIVED
MAR 10 1998
BUREAU OF AIR REGULATION

DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - LONG FORM

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy.

Identification of Facility Addressed in This Application

Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: Indiantown Cogeneration, L.P.	
2. Site Name: Indiantown Cogeneration Plant	
3. Facility Identification Number: 0850102	[ ] Unknown
4. Facility Location: Street Address or Other Locator: 19140 SW Warfield Blvd. City: Indiantown County: Martin Zip Code: 34956	
5. Relocatable Facility? [ ] Yes [X] No	6. Existing Permitted Facility? [X] Yes [ ] No

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	March 10, 1998
2. Permit Number:	
3. PSD Number (if applicable):	PSD-FL-168
4. Siting Number (if applicable):	

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official:
Stephen Sorrentino, Plant Director

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

Organization/Firm: Indiantown Cogeneration, L.P.
Street Address: PO Box 1620
City: Indiantown State: FL Zip Code: 34956

3. Owner/Authorized Representative or Responsible Official Telephone Numbers:
Telephone: (561)-597-6500 Fax: (561)597-6520

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 unit.*

S A Sorrentino 3/9/98

Signature Date

* Attach letter of authorization if not currently on file.

Scope of Application

This Application for Air Permit addresses the following emissions unit(s) at the facility. An Emissions Unit Information Section (a Section III of the form) must be included for each emissions unit listed.

Emissions Unit ID	Description of Emissions Unit	Permit Type
001	Pulverized Coal Fired Main Boiler	ACM1

Purpose of Application and Category

Check one (except as otherwise indicated):

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

This Application for Air Permit is submitted to obtain:

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

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

Current construction permit number: _____

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

Operation permit to be renewed: _____

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

Current construction permit number: _____

Operation permit to be revised: _____

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

Operation permit to be revised/corrected: _____

[ ] Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: _____

Reason for revision: _____

_____

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

This Application for Air Permit is submitted to obtain:

[ ] Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s):

_____

[ ] Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed: _____

[ ] Air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

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:

[X] 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: Preconstruction PSD-FL-168

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

Current operation permit number(s): _____

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

Application Processing Fee

Check one:

[✓] Attached - Amount: $ 250.00 [ ] Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations:

Modification to opacity requirement for pulverized coal-fired main boiler.

Original permit did not have an opacity provision for exceptional circumstances (spike provision).

Requested modification allows the same 10% opacity for normal operation, plus one 6-minute period per hour of opacity up to 27%.

2. Projected or Actual Date of Commencement of Construction:

Equipment is in operation. Opacity limit will take effect upon approval.

3. Projected Date of Completion of Construction:

Equipment is in operation. Opacity limit will take effect upon approval.

Professional Engineer Certification

1. Professional Engineer Name: George S. Lipka
   Registration Number: 0050359
2. Professional Engineer Mailing Address:

   Organization/Firm: Earth Tech
   Street Address: 196 Baker Avenue
   City: Concord State: MA Zip Code: 01742
3. Professional Engineer Telephone Numbers:
   Telephone: 978-371-4000 Fax: 978-371-2468

4. Professional Engineer Statement:

I, the undersigned, hereby certify, 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 pollution 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 unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

Signature [signature] Date 3/2/98 #0050359

(seal)

* Attach any exception to certification statement.

Application Contact

1. Name and Title of Application Contact:

Byron Veech
Environmental, H&S Director

2. Application Contact Mailing Address:

Organization/Firm: Indiantown Cogeneration, LP
Street Address: PO Box 1620
City: Indiantown State: FL Zip Code: 34956

3. Application Contact Telephone Numbers:
Telephone: 561-597-6500 Fax: 561-597-6520

Application Comment

The Title V Operating Permit Application for this facility is under review by FDEP. Per discussions with Tom Cascio, we are requesting that this application be reviewed in time for incorporation of the condition change into the Title V Operating Permit Application.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Zone: East (km): North (km):			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS):27 2 20 Longitude (DD/MM/SS):80 30 45			
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code: 49	6. Facility SIC(s): 4911, 4961
7. Facility Comment (limit to 500 characters):			

Facility Contact

1. Name and Title of Facility Contact: Byron Veech
2. Facility Contact Mailing Address: Organization/Firm: Indiantown Cogeneration, LP Street Address: PO Box 1620 City: Indiantown State: FL Zip Code: 34956
3. Facility Contact Telephone Numbers: Telephone: 561-597-6500 Fax: 561-597-6500

Facility Regulatory Classifications

1. Small Business Stationary Source? [ ] Yes [X] No [ ] Unknown
2. Title V Source? [X] Yes [ ] No
3. Synthetic Non-Title V Source? [ ] Yes [X] No
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)? [X] Yes [ ] No
5. Synthetic Minor Source of Pollutants Other than HAPs? [ ] Yes [X] No
6. Major Source of Hazardous Air Pollutants (HAPs)? [X] Yes [ ] No
7. Synthetic Minor Source of HAPs? [ ] Yes [X] No
8. One or More Emissions Units Subject to NSPS? [X] Yes [ ] No
9. One or More Emission Units Subject to NESHAP? [ ] Yes [X] No
10. Title V Source by EPA Designation? [ ] Yes [X] No
11. Facility Regulatory Classifications Comment (limit to 200 characters): Major source of HAPs based on current estimates of HCl emissions.

B. FACILITY REGULATIONS

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-210.300	
62-210.350	
62-210.370	
62-210.500	
62-210.550	
62.210-700	
62-212.300	
62-212.400 (PSD-FL-168)	
62-212.410	
62-212.500	
62-213	
62-273.300	
62-297	

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Detail Information: Pollutant ___ of ___

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hour)	(tons/year)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

Facility Pollutant Detail Information: Pollutant ___ of ___

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hour)	(tons/year)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

E. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: [ ] Attached, Document ID:_____ [ ] Not Applicable [X] Waiver Requested
2. Facility Plot Plan: [ ] Attached, Document ID:_____ [ ] Not Applicable [X] Waiver Requested
3. Process Flow Diagram(s): [ ] Attached, Document ID:_____ [ ] Not Applicable [X] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: [ ] Attached, Document ID:_____ [ ] Not Applicable [X] Waiver Requested
5. Fugitive Emissions Identification: [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
6. Supplemental Information for Construction Permit Application: [ ] Attached, Document ID:_____ [ ] Not Applicable [X] Waiver Requested

Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities: [ ] Attached, Document ID:_____ [ ] Not Applicable
8. List of Equipment/Activities Regulated under Title VI: [ ] Attached, Document ID:_____ [ ] Equipment/Activities On site but Not Required to be Individually Listed [ ] Not Applicable
9. Alternative Methods of Operation: [ ] Attached, Document ID:_____ [ ] Not Applicable
10. Alternative Modes of Operation (Emissions Trading): [ ] Attached, Document ID:_____ [ ] Not Applicable

11. Identification of Additional Applicable Requirements: [ ] Attached, Document ID:_____ [ ] Not Applicable
12. Compliance Assurance Monitoring Plan: [ ] Attached, Document ID:_____ [ ] Not Applicable
13. Risk Management Plan Verification: [ ] Plan Submitted to Implementing Agency - Verification Attached, Document ID:_____ [ ] Plan to be Submitted to Implementing Agency by Required Date [ ] Not Applicable
14. Compliance Report and Plan: [ ] Attached, Document ID:_____ [ ] Not Applicable
15. Compliance Certification (Hard-copy Required): [ ] Attached, Document ID:_____ [ ] Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

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

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

[X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[ ] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

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

[X] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

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

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

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

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters):		
Pulverized Coal Fired Main Boiler		
2. Emissions Unit Identification Number: [001] No Corresponding ID [ ]		
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 (limit to 500 characters): Equipment is in operation. Date of first solid fuel fire 01-Jul-1995		

Emissions Unit Control Equipment

A.

1. Description (limit to 200 characters):
Air Preheater
2. Control Device or Method Code: 27

B.

1. Description (limit to 200 characters):
Low NOx Burners
2. Control Device or Method Code: 24

C.

1. Description (limit to 200 characters):
Overfire Air
2. Control Device or Method Code:
25

D.

1. Description (limit to 200 characters):
Combustion Controls / O2 Control
2. Control Device or Method Code:
33

E.

1. Description (limit to 200 characters):
Ammonia Injection (Part of SCR system)
2. Control Device or Method Code:
32

F.

1. Description (limit to 200 characters):
Catalytic Reduction (Part of SCR system)
2. Control Device or Method Code:
65

G.

1. Description (limit to 200 characters):
Spray Dryer Absorber (SDA)
2. Control Device or Method Code:
67

H.

1. Description (limit to 200 characters):
Fabric Filter Baghouse
2. Control Device or Method Code:
17

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

Emissions Unit Details

1. Initial Startup Date: 01-July-1995	
2. Long-term Reserve Shutdown Date: N/A	
3. Package Unit: Manufacturer: N/A	Model Number: N/A
4. Generator Nameplate Rating:	net approximately 330 MW
5. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature:	 °F seconds °F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:		3422 mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Operating Capacity Comment (limit to 200 characters):		

Emissions Unit Operating Schedule

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

D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

40 CFR 60.1-60.15	
40 CFR 60.17	
40 CFR 60.19	
40 CFR 60.40a	
40 CFR 60.41a	
40 CFR 60.42a (a), (b)	
40 CFR 60.43a (a)(2), (b)(2), (g), (h)(2)	
40 CFR 60.44a(a), (c)	
40 CFR 60.46a (a-c, e-h)	
40 CFR 60.47a (a), (b)(3), (c-j)	
40 CFR 60.48a (a-e)	
40 CFR 60.4a (a-c, f-I)	

E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: 01	
2. Emission Point Type Code: [X] 1 [ ] 2 [ ] 3 [ ] 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): 01 Main Stack - PC Boiler	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: 001 PC Boiler	
5. Discharge Type Code: [ ] D [ ] F [ ] H [ ] P [ ] R [X] V [ ] W	
6. Stack Height:	495 feet
7. Exit Diameter:	16.0 feet
8. Exit Temperature:	~140 °F

9. Actual Volumetric Flow Rate:	~1123700 acfm
10. Percent Water Vapor :	~15%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height:	feet
13. Emission Point UTM Coordinates: Zone: East (km): North (km):	
14. Emission Point Comment (limit to 200 characters): airflow in dscfm not listed because the PC boiler has no emission limits in grains/dscfm.	

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment ___1_ of __4__

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Coal Firing	
2. Source Classification Code (SCC): 1-01-001-01	
3. SCC Units: Tons burned (all solid fuels)	
4. Maximum Hourly Rate: 145	5. Maximum Annual Rate: 1,270,200
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 2	8. Maximum Percent Ash: 12
9. Million Btu per SCC Unit: 24	
10. Segment Comment (limit to 200 characters):	

Emissions Unit Information Section 1 of 1

Segment Description and Rate: Segment 2 of 4

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): No. 2 Oil Firing	
2. Source Classification Code (SCC): 1-01-005-01	
3. SCC Units: Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate: 12.7	5. Maximum Annual Rate: 111,135
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 0.05	8. Maximum Percent Ash:
9. Million Btu per SCC Unit: 135	
10. Segment Comment (limit to 200 characters): PC Boiler does not currently fire No. 2 oil. No. 2 oil would be fired during startup, shutdown, and load changes. Firing capacity no more than 50% rated boiler heat input.	

Emissions Unit Information Section 1 of 1

Segment Description and Rate: Segment 3 of 4

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Natural Gas Firing
2. Source Classification Code (SCC): 1-01-006-01
3. SCC Units: Million Cubic Feet Burned (all gaseous fuels)

4. Maximum Hourly Rate: 1.8	5. Maximum Annual Rate: 15,777
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit: 950	

10. Segment Comment (limit to 200 characters): Fired during startup, shutdown, and load changes. Firing capacity no more than 50% rated boiler heat input.

Emissions Unit Information Section 1 of 1

Segment Description and Rate: Segment 4 of 4

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Propane (LPG) Firing	
2. Source Classification Code (SCC): 1-01-010-02	
3. SCC Units: Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate: 18.9	5. Maximum Annual Rate: 165,617
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit: 90	
10. Segment Comment (limit to 200 characters): Fired during startup, shutdown, and load changes. Firing capacity no more than 50% rated boiler heat input.	

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

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
CO	**025**	**033**	**EL**
PB	**017**		**EL**
NOX	**032**	**065**	**EL**
PM	**017**		**EL**
PM10	**017**		**EL**
SO2	**067**	**017**	**EL**
VOC	**025**	**033**	**EL**
SAM	**067**	**017**	**EL**
H021	**017**		**EL**
H114		**067**	**EL**
FL	**067**	**017**	**EL**
H015	**017**		**EL**
H106	**067**	**017**	**EL**

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

Pollutant Detail Information:

1. Pollutant Emitted: CO
2. Total Percent Efficiency of Control: %
3. Potential Emissions: 376.00 lb/hour 1,649.00 tons/year
4. Synthetically Limited? [ ] Yes [x] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit.
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.

(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: PB	
2. Total Percent Efficiency of Control:	99.00 %
3. Potential Emissions: 0.03 lb/hour 0.15 tons/year	
4. Synthetically Limited? [ ] Yes [x] No	
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year	
6. Emission Factor: Reference:	
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5	
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit. Control efficiency not used to calculate potential emissions.	
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.	

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

Pollutant Detail Information:

1. Pollutant Emitted: NOx

2. Total Percent Efficiency of Control: 37.00 %

3. Potential Emissions: 582.00 lb/hour 2,549.00 tons/year

4. Synthetically Limited?
   [ ] Yes [x] No

5. Range of Estimated Fugitive/Other Emissions:
   [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year

6. Emission Factor:
   Reference:

7. Emissions Method Code:
   [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5

8. Calculation of Emissions (limit to 600 characters):

Limit per PSD permit.

Control efficiency not used to calculate potential emissions.

9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Limit per PSD limit.

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

Pollutant Detail Information:

1. Pollutant Emitted: PM
2. Total Percent Efficiency of Control: 99.70 %
3. Potential Emissions: 61.60 lb/hour 270.00 tons/year
4. Synthetically Limited? [ ] Yes [x] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit. Control efficiency not used to calculate potential emissions.
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.

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

Pollutant Detail Information:

1. Pollutant Emitted: PM10
2. Total Percent Efficiency of Control: 99.70 %
3. Potential Emissions: 61.60 lb/hour 270.00 tons/year
4. Synthetically Limited? [ ] Yes [x] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit. Control efficiency not used to calculate potential emissions.
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.

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

Pollutant Detail Information:

1. Pollutant Emitted: SO2	
2. Total Percent Efficiency of Control: 95.00 %	
3. Potential Emissions: 582.00 lb/hour 2,549.00 tons/year	
4. Synthetically Limited? [ ] Yes [x] No	
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year	
6. Emission Factor: Reference:	
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5	
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit.	
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.	

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

Pollutant Detail Information:

1. Pollutant Emitted: VOC
2. Total Percent Efficiency of Control: %
3. Potential Emissions: 12.32 lb/hour 54.00 tons/year
4. Synthetically Limited? [ ] Yes [x] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit.
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.

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

Pollutant Detail Information:

1. Pollutant Emitted: SAM
2. Total Percent Efficiency of Control: 95.00 %
3. Potential Emissions: 1.45 lb/hour 6.51 tons/year
4. Synthetically Limited? [ ] Yes [x] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit. Control efficiency not used to calculate potential emissions.
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.

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

Pollutant Detail Information:

1. Pollutant Emitted: H021
2. Total Percent Efficiency of Control: 99.00 %
3. Potential Emissions: 0.01 lb/hour 0.04 tons/year
4. Synthetically Limited? [ ] Yes [x] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit. Control efficiency not used to calculate potential emissions.
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.

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

Pollutant Detail Information:

1. Pollutant Emitted: H114
2. Total Percent Efficiency of Control: %
3. Potential Emissions: 0.04 lb/hour 0.17 tons/year
4. Synthetically Limited? [ ] Yes [x] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit.
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.

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

Pollutant Detail Information:

1. Pollutant Emitted: FL
2. Total Percent Efficiency of Control: 95.00 %
3. Potential Emissions: 5.08 lb/hour 22.30 tons/year
4. Synthetically Limited? [ ] Yes [x] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit. Control efficiency not used to calculate potential emissions.
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.

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

Pollutant Detail Information:

1. Pollutant Emitted: H015
2. Total Percent Efficiency of Control: 99.00 %
3. Potential Emissions: 0.18 lb/hour 0.77 tons/year
4. Synthetically Limited? [ ] Yes [x] No
5. Range of Estimated Fugitive/Other Emissions: [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year
6. Emission Factor: Reference:
7. Emissions Method Code: [ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
8. Calculation of Emissions (limit to 600 characters): Limit per PSD permit. Control efficiency not used to calculate potential emissions.
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Limit per PSD limit.

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

Pollutant Detail Information:

1. Pollutant Emitted: H106

2. Total Percent Efficiency of Control: 95.00 %

3. Potential Emissions: 10.70 lb/hour 47.00 tons/year

4. Synthetically Limited?
   [ ] Yes [x] No

5. Range of Estimated Fugitive/Other Emissions:
   [ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year

6. Emission Factor:
   Reference:

7. Emissions Method Code:
   [ ] 0 [ ] 1 [X] 2 [ ] 3 [ ] 4 [ ] 5

8. Calculation of Emissions (limit to 600 characters):

Mass balance on 2/96 grab sample tests for chlorine content in coal. Chlorine weight fraction times maximum expected coal firing rate, assume all chlorine becomes HCl, assume 97% control in spray dryer/baghouse.
See Table 4-3 in Title V operating permit application text.

9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE
2. Basis for Allowable Opacity: [X] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: 10 % Exceptional Conditions: 27 % Maximum Period of Excess Opacity Allowed: 6 min/hour
4. Method of Compliance: Continuous opacity meter
5. Visible Emissions Comment (limit to 200 characters): Required by 40 CFR 60.42a(b) (NSPS Subpart Da) 20% opacity allowed, 27% for one 6 minute period per hour. Startup and shut down periods excluded, not to exceed 2 hours per 62-210.700, except as provided in 62-210.700.

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: [ ] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:
5. Visible Emissions Comment (limit to 200 characters):

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System: Continuous Monitor 1 of 4

1. Parameter Code: EM	2. Pollutant(s): SO2
3. CMS Requirement:	[X] Rule [ ] Other
4. Monitor Information: Manufacturer: Thermo Electron Model Number: 43B	Serial Number: 43B-50796-286
5. Installation Date: 01-Jul-1995	
6. Performance Specification Test Date: 31-Oct-1995	
7. Continuous Monitor Comment (limit to 200 characters): Required by PSD permit PSD-FL-168, condition 23 (SO2).	

Continuous Monitoring System: Continuous Monitor 2 of 4

1. Parameter Code: EM	2. Pollutant(s): NOX
3. CMS Requirement:	[X] Rule [ ] Other
4. Monitor Information: Manufacturer: Thermo Electron Model Number: 42	Serial Number: 42D-51059-287
5. Installation Date: 01-Jul-1995	
6. Performance Specification Test Date: 31-Oct-1995	
7. Continuous Monitor Comment (limit to 200 characters): Required by permit PSD-FL-168, condition 23 (NOx).	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System: Continuous Monitor 3 of 4

1. Parameter Code: EM	2. Pollutant(s): CO2
3. CMS Requirement:	[X] Rule [ ] Other
4. Monitor Information: Manufacturer: California Analytical Model Number: ZRH-1	Serial Number: 94J-3893 T
5. Installation Date: 01-Jul-1995	
6. Performance Specification Test Date: 31-Oct-1995	
7. Continuous Monitor Comment (limit to 200 characters): Required by PSD permit PSD-FL-168, condition 23.	

Continuous Monitoring System: Continuous Monitor 4 of 4

1. Parameter Code: VE	2. Pollutant(s):
3. CMS Requirement:	[X] Rule [ ] Other
4. Monitor Information: Manufacturer: Enviroplan/Durag Model Number: D-R281-AV	Serial Number: 31008
5. Installation Date: 01-Jul-1995	
6. Performance Specification Test Date: 23-Dec-1995	
7. Continuous Monitor Comment (limit to 200 characters): Required by permit PSD-FL-168, condition 23.	

K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

   If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

   [X] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

   [ ] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

   [ ] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

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

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

[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, 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.

3. Increment Consuming/Expanding Code:			
PM	[X] C	[ ] E	[ ] Unknown
SO2	[X] C	[ ] E	[ ] Unknown
NO2	[X] C	[ ] E	[ ] Unknown
4. Baseline Emissions:			
PM	0.0000	lb/hour	0.0000 tons/year
SO2	0.0000	lb/hour	0.0000 tons/year
NO2			0.0000 tons/year

5. PSD Comment (limit to 200 characters):

Emission Unit underwent PSD review prior to obtaining permit PSD-FL-168.

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)

Supplemental Requirements for All Applications

1. Process Flow Diagram [ ] Attached, Document ID:_____ [ ] Not Applicable [X] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID:_____ [ ] Not Applicable [X] Waiver Requested
3. Detailed Description of Control Equipment [ ] Attached, Document ID:_____ [ ] Not Applicable [X] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [ ] Not Applicable [X] Waiver Requested
5. Compliance Test Report [ ] Attached, Document ID:_____ [X] Previously submitted, Date:___3/96_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [ ] Not Applicable [X] Waiver Requested
7. Operation and Maintenance Plan [ ] Attached, Document ID:_____ [X] Not Applicable
8. Supplemental Information for Construction Permit Application [ ] Attached, Document ID:_____ [X] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [X] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation [ ] Attached, Document ID:_____ [X] Not Applicable
11. Alternative Modes of Operation (Emissions Trading) [ ] Attached, Document ID:_____ [X] Not Applicable
12. Identification of Additional Applicable Requirements [ ] Attached, Document ID:_____ [X] Not Applicable
13. Compliance Assurance Monitoring Plan [ ] Attached, Document ID:_____ [X] Not Applicable
14. Acid Rain Application (Hard-copy Required) [ ] Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID:_____ [ ] Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID:_____ [ ] New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID:_____ [ ] Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID:_____ [X] Not Applicable