

Golder Associates Inc.

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June 20, 2000

9839537

Mr. C. H. Fancy, P.E., Chief
Bureau of Air Regulation
Florida Department of Environmental Protection
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RECEIVED

JUN 21 2000

BUREAU OF AIR REGULATION

Attention: Mr. A.A. Linero, P.E., New Source Review Section

RE: DEP FILE NO. 099-0568-001-AC / PSD-FL-266
LAKE WORTH GENERATION, L.L.C. COMBINED CYCLE PROJECT

Dear Al:

This correspondence and attached application is submitted on behalf of Lake Worth Generation, L.L.C. (LWG) to request a change in the volatile organic compounds (VOCs) emission rate for the Alternative Methods of Operation listed in Condition 19 of Section III of the Final Permit. The change is required due to the final guaranteed emission rate for VOCs from the duct burner system.

The VOC emission rate in Condition 19 is 1.7 parts per million of volume weight (ppmvw) and 3.8 pounds per hour (lb/hr) with both the gas turbine and duct burner operating. The VOC emission rate for the gas turbine is 1.4 ppmvw and 3.2 lb/hr (Condition 16). The VOC emission rate in the original permit application and the basis for the VOC emission limit in Condition 19 was 0.003-lb VOC/mmBtu for the duct burner system. The duct burner system would add about 0.6 lb/hr and 0.3 ppmvw. The duct burner system is limited to a maximum of 350,000 mmBtu/year in Condition 5.(b), which is equivalent to 2,000 hr/year at the maximum heat input of 175 mmBtu/hr.

The corresponding Nitrogen Oxide (NO_x) and Carbon Monoxide (CO) emission rates were 0.1 lb/mmBtu for the duct burner system. The current design of the duct burner system will achieve a NO_x emission rate of 0.08 lb/mmBtu, which is lower than the basis in the original application. The CO emission rate will be 0.1 lb/mmBtu. However, the guaranteed VOC emission rate is 0.025 lb/mmBtu. Based on the permitted heat input limit of 175 mmBtu/hr [Condition 3.(b)], the maximum potential emissions is 4.375 lb/hr (175 mmBtu/hr x 0.025 lb/mmBtu) and 4.375 tons/year (4.375 lb/hr x 2,000 hr/year x ton/2,000).

The combined VOC emissions from the gas turbine and duct burner system would be 7.6 lb/hr (i.e., 3.2 lb/hr from the gas turbine and 4.375 lb/hr from the duct burner system). The VOC concentration is 3.3 ppmvw based on the ratio of gas turbine concentration and

emissions to that of the combined gas turbine and duct burner emissions (i.e., $1.4 \text{ ppmvw} \times 7.6 \text{ lb/hr} \times 1/3.2 \text{ lb/hr} = 3.3 \text{ ppmvw}$). Therefore, the requested change to Condition 19 of the Final Permit is to increase the VOC emission rate from 1.7 ppmvw and 3.8 lb/hr to 3.3 ppmvw and 7.6 lb/hr.

The maximum potential annual VOC emission in the current permit is 16 tons/year (from Appendix C, 3.0 PSD Applicability Review). The requested change to Condition 19 would increase the annual VOC emissions from the project by about 4 tons/year [$(0.025 \text{ lb/mmBtu} - 0.003 \text{ lb/mmBtu}) \times 350,000 \text{ mmBtu/year} \times \text{ton}/2,000 \text{ lb} = 3.85 \text{ tons/year}$]. The total VOC emissions from the project would be 20 tons/year, which is still less than the PSD significant emission rate of 40 tons/year for VOCs.

Please feel free to call if you have questions. Your expeditious review is appreciated.

Sincerely,

GOLDER ASSOCIATES INC.



Kennard F. Kosky, P.E.
Principal

KFK/jkw/tla

Enclosures

cc: Paul Doherty, LWG
Brian Chatlosh, LWG
Leonard Shaperio, Energy Resources Group, Inc.
Jeffery F. Koerner, P.E., FDEP Tallahassee
Richard Zwolak, GAI
EPA

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PB Co.



Department of Environmental Protection

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JUN 21 2000

BUREAU OF AIR REGULATION

Division of Air Resources Management

APPLICATION FOR AIR PERMIT - TITLE V SOURCE

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

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: Lake Worth Generation, L.L.C.	
2. Site Name: Lake Worth Generation	
3. Facility Identification Number: 099-0568	<input type="checkbox"/> Unknown
4. Facility Location: Tom G. Smith Power Plant Street Address or Other Locator: 117 College Street City: Lake Worth County: Palm Beach Zip Code: 33461	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Contact

1. Name and Title of Application Contact: Brian Chatlosh, Manager	
2. Application Contact Mailing Address: Organization/Firm: Lake Worth Generation, L.L.C. Street Address: 245 Winter Street, Suite 300 City: Waltham State: MA Zip Code: 02451	
3. Application Contact Telephone Numbers: Telephone: (781) 370 - 1500 Fax: (781) 370 - 1501	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	6-21-00
2. Permit Number:	0990568-002-AC
3. PSD Number (if applicable):	PSD-FL-266A
4. Siting Number (if applicable):	

Purpose of Application

Air Operation Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- ☐ Initial Title V air operation permit for an existing facility which is classified as a Title V source.
- ☐ Initial Title V air operation permit 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: _____

- ☐ Title V air operation permit revision to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit number to be revised: _____

- ☐ Title V air operation permit revision or administrative correction to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. (Also check Air Construction Permit Application below.)

Operation permit number to be revised/corrected: _____

- ☐ Title V air operation permit revision 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 number to be revised: _____


Reason for revision: _____

Air Construction Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- ☒ Air construction permit to construct or modify one or more emissions units.
- ☐ Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
- ☐ Air construction permit for one or more existing, but unpermitted, emissions units.

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: Brian Chatlosh, Manager
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Lake Worth Generation, L.L.C. Street Address: 245 Winter Street, Suite 300 City: Waltham State: MA Zip Code: 02451
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (781) 370 - 1500 Fax: (781) 370 - 1501
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [X], if so) or the responsible official (check here [], if so) 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.</i>  Signature <u>6/19/00</u> Date

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: Kennard F. Kosky Registration Number: 14996
2. Professional Engineer Mailing Address: Organization/Firm: Golder Associates Inc. Street Address: 6241 NW 23rd Street, Suite 500 City: Gainesville State: FL Zip Code: 32653-1500
3. Professional Engineer Telephone Numbers: Telephone: (352) 336 - 5600 Fax: (352) 336 - 6603

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

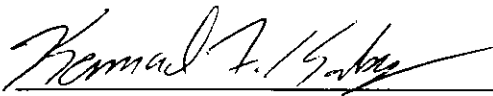
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions 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 [X], 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

20 June 2000

Date

(seal) 

* Attach any exception to certification statement.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
002	HRS G-Duct Burners	ACM2	\$250.00

Application Processing Fee

Check one: ☒ Attached - Amount: \$: 250.00 ☐ Not Applicable

Construction/Modification Information

1. Description of Proposed Project or Alterations:

This application is submitted to request an increase in the VOC emission limit for the HRSG duct burners. The emission increase is less than 5 tons/year.

2. Projected or Actual Date of Commencement of Construction:

3. Projected Date of Completion of Construction:

Application Comment

The facility received final permit No. 0990568-001-AC (PSD-FL-266) to construct a 186-MW combined cycle gas turbine project. The project will repower up to 74 MW of existing steam generating capability at the City of Lake Worth Tom G. Smith Power Plant. The project consists of two emission units: 001-combustion turbine and 002-HRSG duct burners. This application is submitted to increase emissions of VOC from the duct burners.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Zone: 17 East (km): 592.8 North (km): 2943.7			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): 26 / 36 / 45 Longitude (DD/MM/SS): 80 / 04 / 04			
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code: 49	6. Facility SIC(s): 4911
7. Facility Comment (limit to 500 characters): The facility received final permit No. 0990568-001-AC (PSD-FL-266) to construct a 186-MW combined cycle gas turbine project.			

Facility Contact

1. Name and Title of Facility Contact: Paul Doherty, P.E., Project Engineer		
2. Facility Contact Mailing Address: Organization/Firm: Lake Worth Generation, L.L.C. Street Address: 245 Winter Street, Suite 300 City: Waltham State: MA Zip Code: 02154		
3. Facility Contact Telephone Numbers: Telephone: (781) 370 - 1500 Fax: (781) 370 - 1501		

Facility Regulatory Classifications**Check all that apply:**

1. <input type="checkbox"/> Small Business Stationary Source?	<input type="checkbox"/> Unknown
2. <input checked="" type="checkbox"/> Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	
3. <input type="checkbox"/> Synthetic Minor Source of Pollutants Other than HAPs?	
4. <input type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)?	
5. <input type="checkbox"/> Synthetic Minor Source of HAPs?	
6. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS?	
7. <input type="checkbox"/> One or More Emission Units Subject to NESHAP?	
8. <input type="checkbox"/> Title V Source by EPA Designation?	
9. Facility Regulatory Classifications Comment (limit to 200 characters): The duct burners are subject to NSPS Subpart Db.	

List of Applicable Regulations

Requested change in VOC emissions does not change applicable regulations for facility as listed in Air Construction Permit.	

B. FACILITY POLLUTANTS

List of Pollutants Emitted

1. Pollutant Emitted	2. Pollutant Classif.	3. <u>Requested Emissions Cap</u>		4. Basis for Emissions Cap	5. Pollutant Comment
		lb/hour	tons/year		

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Facility Plot Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Process Flow Diagram(s): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Fugitive Emissions Identification: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
6. Supplemental Information for Construction Permit Application: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Supplemental Requirements Comment: Requested change is for VOC emissions.

Additional Supplemental Requirements for Title V Air Operation Permit Applications

8. List of Proposed Insignificant Activities: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
9. List of Equipment/Activities Regulated under Title VI: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed <input type="checkbox"/> Not Applicable
10. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
13. Risk Management Plan Verification: <input type="checkbox"/> Plan previously submitted to Chemical Emergency Preparedness and Prevention Office (CEPPO). Verification of submittal attached (Document ID: _____) or previously submitted to DEP (Date and DEP Office: _____) <input type="checkbox"/> Plan to be submitted to CEPPO (Date required: _____) <input type="checkbox"/> Not Applicable
14. Compliance Report and Plan: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
15. Compliance Certification (Hard-copy Required): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through J 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.

A. GENERAL EMISSIONS UNIT INFORMATION
(All Emissions Units)Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (Check one)			
<input checked="" type="checkbox"/> 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).			
<input type="checkbox"/> 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.			
<input type="checkbox"/> 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.			
2. Regulated or Unregulated Emissions Unit? (Check one)			
<input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.			
<input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.			
3. Description of Emissions Unit Addressed in This Section (limit to 60 characters):			
HRSG – Duct Burners			
4. Emissions Unit Identification Number:		<input type="checkbox"/> No ID	
ID: 002		<input type="checkbox"/> ID Unknown	
5. Emissions Unit Status Code:	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code:	8. Acid Rain Unit?
C	2001	49	<input checked="" type="checkbox"/>
9. Emissions Unit Comment: (Limit to 500 Characters)			
HRSG – Duct Burner system rated at 175 mmBtu/hour.			

Emissions Unit Control Equipment

1. Control Equipment/Method Description (Limit to 200 characters per device or method):

Low – NO_x Burner System2. Control Device or Method Code(s): **024****Emissions Unit Details**

1. Package Unit:

Manufacturer:

Model Number:

2. Generator Nameplate Rating:

MW

3. Incinerator Information:

Dwell Temperature:

°F

Dwell Time:

seconds

Incinerator Afterburner Temperature:

°F

B. EMISSIONS UNIT CAPACITY INFORMATION
(Regulated Emissions Units Only)**Emissions Unit Operating Capacity and Schedule**

1. Maximum Heat Input Rate:	175	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Requested Maximum Operating Schedule:		
	hours/day	days/week
	weeks/year	2,000 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):		
Operation is limited to 350,000 mmBtu/year by Specific Condition 5.(b) of Section III of Final Permit.		

C. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**List of Applicable Regulations**

Requested change does not affect applicable regulations.	

D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram? Not Applicable		2. Emission Point Type Code: 2	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): DB only operates when CT is operating. DB and CT gases will exhaust through a single HRSG stack.			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:			
5. Discharge Type Code: V	6. Stack Height: feet	7. Exit Diameter: feet	
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %	
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): Proposed change will not affect stack parameters. Refer to emission unit description in Final Permit.			

E. SEGMENT (PROCESS/FUEL) INFORMATION
(All Emissions Units)**Segment Description and Rate:** Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Natural Gas		
2. Source Classification Code (SCC): 1-01-006-01		3. SCC Units: million cubic feet burned
4. Maximum Hourly Rate: 0.171	5. Maximum Annual Rate: 341.8	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit: 1024
10. Segment Comment (limit to 200 characters): Maximum annual rate based on final permit limit of 350,000 mmBtu/year.		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
2. Source Classification Code (SCC):		3. SCC Units:
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

F. EMISSIONS UNIT POLLUTANTS
(All Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
VOC	024		EL

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION**(Regulated Emissions Units -****Emissions-Limited and Preconstruction Review Pollutants Only)****Potential/Fugitive Emissions**

1. Pollutant Emitted: VOC	2. Total Percent Efficiency of Control:
3. Potential Emissions: 4.375 lb/hour 4.375 tons/year	4. Synthetically Limited? [X]
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year	
6. Emission Factor: 0.025 lb/mmBtu Reference: HRSG - Vendor	7. Emissions Method Code: 2
8. Calculation of Emissions (limit to 600 characters): 0.025 lb/mmBtu x 175 mmBtu/hr = 4.375 lb/hr 4.375 lb/hr x 2,000 hr/year x ton/2,000 lb = 4.375 TPY	
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters):	

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units: 3.3 ppmvw/7.6 lb/hr*	4. Equivalent Allowable Emissions: 4.375 lb/hour 4.375 tons/year
5. Method of Compliance (limit to 60 characters): 3-hour test average; Methods 18, 25, or 25A	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters): * Combined emissions from gas turbine at 3.2 lb/hour and 1.4 ppmvw.	

H. VISIBLE EMISSIONS INFORMATION
(Only Regulated Emissions Units Subject to a VE Limitation)

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): Not Applicable	

I. CONTINUOUS MONITOR INFORMATION
(Only Regulated Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	[] Rule [] Other
4. Monitor Information: Manufacturer: Model Number: _____ Serial Number: _____	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters): Not Applicable	

J. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**Supplemental Requirements**

1. Process Flow Diagram [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
3. Detailed Description of Control Equipment [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
4. Description of Stack Sampling Facilities [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
5. Compliance Test Report [] Attached, Document ID: _____ [] Previously submitted, Date: _____ [X] Not Applicable
6. Procedures for Startup and Shutdown [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
7. Operation and Maintenance Plan [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
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
10. Supplemental Requirements Comment:

Additional Supplemental Requirements for Title V Air Operation Permit Applications

11. Alternative Methods of Operation [] Attached, Document ID: _____ [] Not Applicable
12. Alternative Modes of Operation (Emissions Trading) [] Attached, Document ID: _____ [] Not Applicable
13. Identification of Additional Applicable Requirements [] Attached, Document ID: _____ [] Not Applicable
14. Compliance Assurance Monitoring Plan [] Attached, Document ID: _____ [] Not Applicable
15. Acid Rain Part 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: _____ [] Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.) Attached, Document ID: _____ [] Phase NOx Averaging Plan (Form No. 62-210.900(1)(a)5.) Attached, Document ID: _____ [] Not Applicable