



**Application Contact**

1. Application Contact Name: GLENN WATERS	Application Contact Job Title: Special Projects & Environmental Assets Coordinator
2. Application Contact Mailing Address... Organization/Firm: GULF POWER COMPANY Street Address: ONE ENERGY PLACE City: PENSACOLA State: FL Zip Code: 32520-0328	
3. Application Contact Telephone Numbers... Telephone: (850) 444-6527 ext. Fax: (850) 444-6217	
4. Application Contact Email Address: <a href="mailto:gdwaters@southernco.com">gdwaters@southernco.com</a>	

**Purpose of Application****This application for air permit is submitted to obtain: (Check one)****Air Construction Permit**

- Air construction permit.
- Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL).
- Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL), and separate air construction permit to authorize construction or modification of one or more emissions units covered by the PAL.

**Air Operation Permit**

- Initial Title V air operation permit.
- Title V air operation permit revision.
- Title V air operation permit renewal.
- Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is required.
- Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is not required.

**Air Construction Permit and Revised/Renewal Title V Air Operation Permit****(Concurrent Processing)**

- Air construction permit and Title V permit revision, incorporating the proposed project.
- Air construction permit and Title V permit renewal, incorporating the proposed project.

**Note: By checking one of the above two boxes, you, the applicant, are requesting concurrent processing pursuant to Rule 62-213.405, F.A.C. In such case, you must also check the following box:**

- I hereby request that the department waive the processing time requirements of the air construction permit to accommodate the processing time frames of the Title V air operation permit.

**Application Comment**

Lansing Smith is preparing to install Selective Non-Catalytic Reduction (SNCR) technology on Units 1 and 2 to comply with CAIR and CAMR regulations. SNCR construction is expected to begin on April 4, 2008. The projected startup date for this project is January, 2009. The Smith SNCR systems will be operated on an 'as needed' basis to meet CAIR and CAMR. The project is expected to reduce NOx emissions. There will be no increase in emissions and thus an emission analysis is not necessary for PSD or NSR applicability.



**Scope of Application**

Emissions Unit ID Number	Description of Emissions Unit	Air Permit Type
2	BOILER NUMBER 2 - 2,246.2 MMBTU/HOUR (PHASE II ACID RAIN)	AC1B
1	BOILER NUMBER 1 - 1,944.8 MMBTU/HOUR (PHASE II ACID RAIN)	AC1B

*Note: The fee calculation information associated with this application may be accessed from the Main Menu of ESPAP.*

**Owner/Authorized Representative Statement****Complete if applying for an air construction permit or an initial FESOP.**

1.	Owner/Authorized Representative Name: GLENN WATERS	Owner/Authorized Representative Job Title: Special Projects and Environmental Assets Coordinator
2.	Owner/Authorized Representative Mailing Address... Organization/Firm: GULF POWER Street Address: ONE ENERGY PLACE City: PENSACOLA                      State: FL                      Zip Code: 32520-0329	
3.	Owner/Authorized Representative Telephone Numbers... Telephone: (850) 444-6527      ext.                      Fax:	
4.	Owner/Authorized Representative Email Address: GDWATERS@SOUTHERNCO.COM	
5.	<p>Owner/Authorized Representative Statement:</p> <p>By entering my PIN below, I certify that I am the owner/authorized representative of the facility addressed in this air permit application. 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 and all other requirements identified in this application to which the facility is subject. 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 the facility or any permitted emissions unit.</p>	

**Application Responsible Official Certification**

1. Application Responsible Official Name: THEODORE MCCULLOUGH
2. Application Responsible Official Qualification (Check one or more of the following options, as applicable): <input checked="" type="checkbox"/> For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C. <input type="checkbox"/> For a partnership or sole proprietorship, a general partner or the proprietor, respectively. <input type="checkbox"/> For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official. <input type="checkbox"/> The designated representative at an Acid Rain source.
3. Application Responsible Official Mailing Address... Organization/Firm: GULF POWER Street Address: ONE ENERGY PLACE City: PENSACOLA State: FL Zip Code: 32520-0100
4. Application Responsible Official Telephone Numbers... Telephone: (850)444-6383 ext. Fax: (850)444-6744
5. Application Responsible Official Email Address: TJMCCULL@southernco.com

**Professional Engineer Certification**

1.	Professional Engineer Name: GREGORY TERRY Registration Number: 52786	Professional Engineer Job Title: Air Quality Programs Team Leader
2.	Professional Engineer Mailing Address... Organization/Firm: GULF POWER COMPANY Street Address: ONE ENERGY PLACE City: PENSACOLA                      State: FL                      Zip Code: 32520-0328	
3.	Professional Engineer Telephone Numbers... Telephone: (850) 444-6144      ext.                      Fax:	
4.	Professional Engineer Email Address: GNTERRY@SOUTHERNCO.COM	
5.	Professional Engineer Statement:  I 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.  (3) If the purpose of this application is to obtain a Title V air operation permit (check here <input type="checkbox"/> , 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 plan and schedule is submitted with this application.  (4) If the purpose of this application is to obtain an air construction permit (check here <input checked="" type="checkbox"/> , if so) or concurrently process and obtain an air construction permit and a Title V air operation permit revision or renewal for one or more proposed new or modified emissions units (check here <input type="checkbox"/> , 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.  (5) If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here <input type="checkbox"/> , 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.

\* Explain any exception to the certification statement.

Professional Engineer Exception Statement:



Telephone: (850) 444-6383 ext. Fax: (850) 444-6744

4. Facility Primary Responsible Official Email Address: TJMCCULL@southernco.com

**Facility Regulatory Classifications** Check all that would apply *following* completion of all projects and implementation of all other changes proposed in this application for air permit. Refer to instructions to distinguish between a "major source" and a "synthetic minor source."

1.	<input type="checkbox"/> Small Business Stationary Source	<input type="checkbox"/> Unknown
2.	<input type="checkbox"/> Synthetic Non-Title V Source	
3.	<input checked="" type="checkbox"/> Title V Source	
4.	<input checked="" type="checkbox"/> Major Source of Air Pollutants, Other than Hazardous Air Pollutants (HAPs)	
5.	<input type="checkbox"/> Synthetic Minor Source of Air Pollutants, Other than HAPs	
6.	<input checked="" type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)	
7.	<input type="checkbox"/> Synthetic Minor Source of HAPs	
8.	<input type="checkbox"/> One or More Emissions Units Subject to NSPS (40 CFR Part 60)	
9.	<input type="checkbox"/> One or More Emissions Units Subject to Emission Guidelines (40 CFR Part 60)	
10.	<input type="checkbox"/> One or More Emissions Units Subject to NESHAP (40 CFR Part 61 or Part 63)	
11.	<input type="checkbox"/> Title V Source Solely by EPA Designation (40 CFR 70.3(a)(5))	
12.	Facility Regulatory Classifications Comment:	

**List of Pollutants Emitted by Facility**

1. Pollutants Emitted	2. Pollutant Classification	Emissions Cap [Y or N]?
NOX	(A) ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS.	Y
PM	(A) ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS.	N
CO	(A) ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS.	N
SO2	(A) ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS.	N
PM10	(A) ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS.	N
VOC	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
PB	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H107	(C) CLASS IS UNKNOWN	N
H106	(C) CLASS IS UNKNOWN	N
HAPS	(C) CLASS IS UNKNOWN	N
SAM	(C) CLASS IS UNKNOWN	N
TH	(C) CLASS IS UNKNOWN	N
H150	(C) CLASS IS UNKNOWN	N
H046	(C) CLASS IS UNKNOWN	N
H027	(C) CLASS IS UNKNOWN	N
H015	(C) CLASS IS UNKNOWN	N

**B. Emissions Caps**

**Facility-Wide or Multi-Unit Emissions Caps**

1. Pollutant Subject to Emissions Cap	2. Facility Wide Cap [Y or N]? (all units)	3. Emissions Unit ID No.s Under Cap (if not all units)	4. Hourly Cap (lb/hr)	5. Annual Cap (ton/yr)	6. Basis for Emissions Cap
NOX	Yes	All		6666	OTHER
<p>7. Facility-Wide or Multi-Unit Emissions Cap Comment:                      NOX: Plant Smith has a NOx emissions cap of 6666 tons/year as a result for PSD offset for Smith Units 4&amp;5 when they were constructed.</p>					

**C. FACILITY ADDITIONAL INFORMATION****Additional Requirements for All Applications, Except as Otherwise Stated**

1. Facility Plot Plan: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)	<input type="checkbox"/> Applicable	<input checked="" type="checkbox"/> Previously Submitted, Date: 22-JUN-04	<input type="checkbox"/> Attachment
2. Process Flow Diagram(s): (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)	<input type="checkbox"/> Applicable	<input checked="" type="checkbox"/> Previously Submitted, Date: 22-JUN-04	<input type="checkbox"/> Attachment
3. Precautions to Prevent Emissions of Unconfined Particulate Matter: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)	<input type="checkbox"/> Applicable	<input checked="" type="checkbox"/> Previously Submitted, Date: 22-JUN-04	<input type="checkbox"/> Attachment

**Additional Requirements for Air Construction Permit Applications**

1. Area Map Showing Facility Location: (Not applicable for existing permitted facility)	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
2. Description of Proposed Construction, Modification, or Plantwide Applicability Limit (PAL):	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
3. Rule Applicability Analysis:	<input checked="" type="checkbox"/> Applicable	<input checked="" type="checkbox"/> Attachment
4. List of Exempt Emissions Units (Rule 62-210.300(3), F.A.C.): (Not applicable if no exempt units at facility)	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
5. Fugitive Emissions Identification:	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
6. Air Quality Analysis (Rule 62-212.400(7), F.A.C.):	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
7. Source Impact Analysis (Rule 62-212.400(5), F.A.C.):	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
8. Air Quality Impact since 1977 (Rule 62-212.400(4)(e), F.A.C.):	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
9. Additional Impact Analyses (Rules 62-212.400(8) and 62-212.500(4)(e), F.A.C.):	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
10. Alternative Analysis Requirement (Rule 62-212.500(4)(g), F.A.C.):	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment

**Additional Requirements for FESOP Applications**

<p>1. List of Exempt Emissions Units (Rule 62-210.300(3)(a) or (b)1., F.A.C.): (Not applicable if no exempt units at facility)</p> <p><input type="checkbox"/> Applicable <span style="float: right;"><input type="checkbox"/> Attachment</span></p>
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**Additional Requirements for Title V Air Operation Permit Applications**

<p>1. List of Insignificant Activities: (Required for initial/renewal applications, but not for revision applications)</p> <p><input type="checkbox"/> Applicable <span style="float: right;"><input type="checkbox"/> Attachment</span></p>
<p>2. Identification of Applicable Requirements (Required for initial/renewal applications, and for revision applications if this information would be changed as a result of the revision being sought):</p> <p><input type="checkbox"/> Applicable <span style="float: right;"><input type="checkbox"/> Attachment</span></p>
<p>3. Compliance Report and Plan: (Required for all initial/revision/renewal applications):                  Note: A compliance plan must be submitted for each emissions unit that is not in compliance with all applicable requirements at the time of application and/or at any time during application processing. The department must be notified of any changes in compliance status during application processing.</p> <p><input type="checkbox"/> Applicable <span style="float: right;"><input type="checkbox"/> Attachment</span></p>
<p>4. List of Equipment/Activities Regulated under Title VI (If applicable, required for initial/renewal applications only):</p> <p><input type="checkbox"/> Applicable    <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed <span style="float: right;"><input type="checkbox"/> Attachment</span></p>
<p>5. Verification of Risk Management Plan Submission to EPA (If applicable, required for initial/renewal applications only):</p> <p><input type="checkbox"/> Applicable <span style="float: right;"><input type="checkbox"/> Attachment</span></p>
<p>6. Requested Changes to Current Title V Air Operation Permit:</p> <p><input type="checkbox"/> Applicable <span style="float: right;"><input type="checkbox"/> Attachment</span></p>

**Other Information Regarding this Facility:**

<p>4. Other Facility Information:</p> <p><input type="checkbox"/> Included <span style="float: right;"><input type="checkbox"/> Attachment</span></p>
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**Additional Requirements Comment**

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**Facility Attachments**

Supplemental Item	Electronic File Name	Attachment Description	Electronic Document	Date Uploaded
Rule Applicability Analysis	DOCS-#262695-v1-Smith_Facility_list_-_FDEP.DOC	State applicable rule list.	Yes	01/09/2008
	DOCS-#262692-v1-Smith_Facility_list_-_EPA_.DOC	Federal applicable rule list.	Yes	01/09/2008



**III. EMISSIONS UNIT INFORMATION**  
**A. GENERAL EMISSIONS UNIT INFORMATION**

**Title V Air Operation Permit Emissions Unit Classification**

1. (Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)
- 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.

**Emissions Unit Description and Status**

1. Type of Emissions Unit Addressed in this Section: (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).
  - 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.

2. Description of Emissions Unit Addressed in this Section:  
 BOILER NUMBER 1 - 1,944.8 MMBTU/HOUR (PHASE II ACID RAIN)

3. Emissions Unit Identification Number: 1

4. Emissions Unit Status Code: A	5. Commence Construction Date:	6. Initial Startup Date: 11-MAY-65	7. Emissions Unit Major Group SIC Code: 49	8. Acid Rain Unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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9. Package Unit Manufacturer: \_\_\_\_\_ Model Number: \_\_\_\_\_

10. Generator Nameplate Rating: 175 MW

11. Emissions Unit Comment:  
 Units -001 and -002 share a common stack

**Emissions Unit Control Equipment**

Code	Equipment	Description
10	ELECTROSTATIC PRECIPITATOR HIGH EFFICIENCY (95.0-99.9%)	Hot Precipitator Buell Model #BAL 2X34N333-4-3P and Cold Precipitator General Electric Model #BE1.2X21(12)30-1.5-1.5-4.2P
205	LOW NOX BURNERS	Low Nox Burner Tips capable of 25% Nox Reduction.
107	SELECTIVE NONCATALYTIC REDUCTION FOR NOX	SNCR HERT Technology projected for startup in January, 2009.

**B. EMISSIONS UNIT CAPACITY INFORMATION**  
 (Optional for unregulated emissions units.)

**Emissions Unit Operating Capacity and Schedule**

1. Maximum Process or Throughput Rate:		
2. Maximum Production Rate:		
3. Maximum Heat Input Rate: 1944.8 million Btu/hr		
4. Maximum Incineration Rate:	pounds/hr	
	tons/day	
5. Requested Maximum Operating Schedule:		
	24 hours/day	7 days/week
	52 weeks/year	8760 hours/year
6. Operating Capacity/Schedule Comment:		
Coal. 153 mmBtu/hr for #2 fuel oil and "on-spec" used oil. Compliance by fuel records.		

### C. EMISSION POINT (STACK/VENT) INFORMATION

(Optional for unregulated emissions units.)

**Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram:	2. Emission Point Type Code: 2 - An emission point serving 2 or more EU's capable of simultaneous operation	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking:		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: • 2 - BOILER NUMBER 2 - 2,246.2 MMBTU/HOUR (PHASE II ACID RAIN)		
5. Discharge Type Code: (V) A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL/NEARLY VERTICAL DIRECTION	6. Stack Height: 199 feet	7. Exit Diameter: 18 feet
8. Exit Temperature: 334° F	9. Actual Volumetric Flow Rate: 1568308 acfm	10. Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm	12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates... Zone: 16      East (km): 625.053 North (km): 3349.243	14. Emission Point Latitude/Longitude... Latitude: 30° 16' 6.2" N Longitude: 85° 41' 59.8" W	
15. Emission Point Comment: Units -001 and -002 share a common stack. Flow rate above for both units.		

**D. SEGMENT (PROCESS/FUEL) INFORMATION**

**Segment Description and Rate:** Segment 1 of 3

1. Segment Description (Process/Fuel Type): Boiler fired with Pulverized Bituminous Coal. Emissions related to tons burned.		
2. Source Classification Code (SCC): 10100212	3. SCC Units: Tons Bituminous Coal Burned	
4. Maximum Hourly Rate: 81.03	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: 3	8. Maximum % Ash: 14.4	9. Million Btu per SCC Unit: 24
10. Segment Comment: Minimum MBTU per SCC unit is 23. Average MBTU is 24 and annual based on permitted rate. Max % sulfur based on 12,700 btu/lb coal.		
Is this a valid segment? Yes		

**Segment Description and Rate:** Segment 2 of 3

1. Segment Description (Process/Fuel Type): Boiler fired with #2 fuel oil and `on spec.` used oil. Emissions related to thousand gallons burned.		
2. Source Classification Code (SCC): 10100501	3. SCC Units: 1000 Gallons Distillate Oil (No. 1 & 2) Burned	
4. Maximum Hourly Rate: 1.11	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: .5	8. Maximum % Ash:	9. Million Btu per SCC Unit: 138
10. Segment Comment: The maximum % Ash is approximately 0.05 %. Item 8 above will not accept low % number.		
Is this a valid segment? Yes		

**Segment Description and Rate:** Segment 3 of 3

1. Segment Description (Process/Fuel Type): Waste Oil		
2. Source Classification Code (SCC): 10101302	3. SCC Units: 1000 Gallons Waste Oil Burned	
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: 132
10. Segment Comment: Used oil specification: Arsenic 5 PPM, Cadmium 2 PPM, Chromium 10 PPM, Lead 100 PPM, Total Halogens 1000 PPM, PCB50 ppm.		
Is this a valid segment? Yes		



**E. EMISSIONS UNIT POLLUTANTS****List of Pollutants Emitted by Emissions Unit**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code	Valid?
CO			NS	Yes
H015			EL	Yes
H027			EL	Yes
H046			EL	Yes
H106				Yes
H107				Yes
H150			EL	Yes
HAPS				Yes
NOX	NSCR (NON-SELECTIVE CATALYTIC REDUCTION)	LOW NOX BURNERS	EL	Yes
PB			EL	Yes
PM	ELECTROSTATIC PRECIPITATOR HIGH EFFICIENCY (95.0-99.9%)		EL	Yes
PM10	ELECTROSTATIC PRECIPITATOR HIGH EFFICIENCY (95.0-99.9%)		NS	Yes
SO2			EL	Yes
VOC				Yes

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: CO - Carbon Monoxide		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 40.5 lb/hour 177.4 tons/year		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: .5 LB/TON Reference: AP-42		7. Emissions Method Code: (3) CALCULATED USING EMISSION FACTOR FROM AP-42/FIRE SYSTEM.	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: Emission factor = 0.5 CO lbs/ton of coal: 0.50 (81.03 tons/hr) = 40.5 CO lbs/hr 0.50 (81.03) (8760) (1/2000) = 177.4 CO tons/hr			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Source; AP-42			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*



**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*



**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*





**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: H106 - Hydrogen chloride (Hydrochloric acid)		2. Total Percent Efficiency of Control:	
3. Potential Emissions: lb/hour		4. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor:  Reference:		7. Emissions Method Code:	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From:                      To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions:			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment:			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
 POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS  
 (Optional for unregulated emissions units.)**

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: H107 - Hydrogen fluoride (Hydrofluoric acid)		2. Total Percent Efficiency of Control:	
3. Potential Emissions: lb/hour _____ tons/year _____		4. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): _____ to tons/year _____			
6. Emission Factor:  Reference:		7. Emissions Method Code:	
8.a. Baseline Actual Emissions (if required): _____ tons/year		8.b. Baseline 24-month Period: From: _____ To: _____	
9.a. Projected Actual Emissions (if required): _____ tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions:			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment:			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

### F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: H150 - Polychlorinated biphenyls (Aroclors)	2. Total Percent Efficiency of Control:
3. Potential Emissions: lb/hour <span style="float: right;">tons/year</span>	4. Synthetically Limited? <input type="checkbox"/> Yes <span style="margin-left: 100px;"><input type="checkbox"/> No</span>
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor:  Reference:	7. Emissions Method Code:
8.a. Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: <span style="float: right;">To:</span>
9.a. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <span style="margin-left: 100px;"><input type="checkbox"/> 10 years</span>
10. Calculation of Emissions:	
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Limited to 50 ppm as specification of used oil.	

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

**(Optional for unregulated emissions units.)**

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit.**

**Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: HAPS - Total Hazardous Air Pollutants		2. Total Percent Efficiency of Control:	
3. Potential Emissions: lb/hour		4. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor:  Reference:		7. Emissions Method Code:	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions:			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment:			



**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: NOX - Nitrogen Oxides		2. Total Percent Efficiency of Control: 62	
3. Potential Emissions: 1205.8 lb/hour 5281 tons/year		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: .62 LB/MMBTU Reference: PERMIT		7. Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST-CASE ALLOWABLE EMISSION.	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: 0.62 lb/mmbtu * 1944.8 mmbtu/hr = 1205.8 lb/hr; 1205.8 lb/hr * 8760 hr/yr/2000 lb/ton = 5281 ton/yr			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Facility-wide NOx cap of 6,666 tpy. Emission factor based on Acid Rain permit annual rate average. Potential emission rate with SNCR range between 0.59 to 0.24 lb/mbtu.			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

**Allowable Emissions** Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: (OTHER) assumed by applicant for other reasons (Explain in comment field)	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: .62 POUNDS PER MILLION BTU HEAT INPUT	4. Equivalent Allowable Emissions: 1205.78 lb/hour                      5281 tons/year
5. Method of Compliance: Annual average of CEM hourly data. (40 CFR Part 75)	
6. Allowable Emissions Comment (Description of Operating Method): Phase II NOx. There are no requirements to operate the proposed SNCR system. Source will operate the SNCR as needed to meet CAIR and CAMR	

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: PB - Lead - Total (elemental lead and lead compounds)		2. Total Percent Efficiency of Control:	
3. Potential Emissions: lb/hour		tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor:  Reference:		7. Emissions Method Code:	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From:                      To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions:			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Limited to 100 ppm as specification of used oil.			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit.**

**Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: PM - Particulate Matter - Total		2. Total Percent Efficiency of Control: 98	
3. Potential Emissions: 194.5 lb/hour 1065 tons/year		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: .125 LB/MMBTU Reference: PERMIT		7. Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST-CASE ALLOWABLE EMISSION.	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: lb/hr = 1944.8 mmBtu/hr*0.1 lb/mmBtu = 194.5lb/hr. TPY = 1944.8 mmBtu/hr*0.125 lb/mmBtu * 8760 hrs/yr/*1 ton/2000 lb = 1065 TPY			
11. Pollutant Potential,Fugitive, and Actual Emissions Comment: Emission factor based on 0.1 lb/MMBtu, 21 hours (steady- state); 0.3 lb/MMBtu, 3 hours (soot-blowing).			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

**Allowable Emissions** Allowable Emissions 1 of 2

1. Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: .1 POUNDS PER MILLION BTU HEAT INPUT	4. Equivalent Allowable Emissions: 194.48 lb/hour          1065 tons/year
5. Method of Compliance: Test not required if operation < 400 hours/FFY.	
6. Allowable Emissions Comment (Description of Operating Method): During normal operations while firing coal.	

**Allowable Emissions** Allowable Emissions 2 of 2

1. Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: .3 POUNDS PER MILLION BTU HEAT INPUT	4. Equivalent Allowable Emissions: 583.44 lb/hour          1065 tons/year
5. Method of Compliance: Test not required if operation < 400 hours/FFY.	
6. Allowable Emissions Comment (Description of Operating Method): During the 3 hrs in any 24 hrs period allowed for boiler cleaning(soot blowing) and load changing.	

### F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

#### Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit.

Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1. Pollutant Emitted: PM10 - Particulate Matter - PM10	2. Total Percent Efficiency of Control: 98
3. Potential Emissions: 194.5 lb/hour 1065 tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor:  Reference:	7. Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST-CASE ALLOWABLE EMISSION.
8.a. Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From:      To:
9.a. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years
10. Calculation of Emissions:	
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Assumed to be the same as PM.	



**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: SO2 - Sulfur Dioxide		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 4084.08 lb/hour                      17888 tons/year		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 2.1 LB/MMBTU Reference: PERMIT		7. Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST-CASE ALLOWABLE EMISSION.	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From:                      To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: 2.1 lb/mmbtu * 1944.8 mmbtu/hr = 4084.08 lb/hr; 4094.08 lb/hr * 8760 hr/yr * 1/2000 lb/ton = 17888 ton/yr			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Potential based on Unit 1 standard of 2.1 lb/mmbtu rate. Unit 1 can emit at 4.5 lb/mmbtu if both coal units on line.			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

**Allowable Emissions** Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: (OTHER) assumed by applicant for other reasons (Explain in comment field)	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 2.1 POUNDS PER MILLION BTU HEAT INPUT	4. Equivalent Allowable Emissions: 4084.08 lb/hour      17888 tons/year
5. Method of Compliance: Daily 24 hour average based on CEM or FS&A Program. See SC12.	
6. Allowable Emissions Comment (Description of Operating Method): Applicant request. 4.5 lbs/mmBtu for unit 1 and 2 combined.	

### **F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

**(Optional for unregulated emissions units.)**

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: VOC - Volatile Organic Compounds	2. Total Percent Efficiency of Control:
3. Potential Emissions: 5.7 lb/hour <span style="margin-left: 150px;">24.8 tons/year</span>	4. Synthetically Limited? <input type="checkbox"/> Yes <span style="margin-left: 50px;"><input checked="" type="checkbox"/> No</span>
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: .07 LB/TON BURNED Reference: SCC	7. Emissions Method Code: (3) CALCULATED USING EMISSION FACTOR FROM AP-42/FIRE SYSTEM.
8.a. Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: <span style="margin-left: 80px;">To:</span>
9.a. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <span style="margin-left: 40px;"><input type="checkbox"/> 10 years</span>
10. Calculation of Emissions: 0.07 lb/ton * 81.03 ton/yr = 5.7 lb/hr; 5.7 lb/hr * 8760 hours/yr * 1/2000 lb/ton = 24.8 tons/yr	
11. Pollutant Potential, Fugitive, and Actual Emissions Comment:	

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**G. VISIBLE EMISSIONS INFORMATION**

**Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.**

**Visible Emissions Limitation:** Visible Emissions Limitation 1 of 2

1. Visible Emissions Subtype: VE40 - VISIBLE EMISSIONS - 40% NORMAL OPACITY	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: 40%                      Exceptional Conditions:                      % Maximum Period of Excess Opacity Allowed:                      min/hour	
4. Method of Compliance:	
5. Visible Emissions Comment: The Permittee elected to utilize a transmissometer (opacity meter) for demonstrating compliance with the visible emissions limit.	

**Visible Emissions Limitation:** Visible Emissions Limitation 2 of 2

1. Visible Emissions Subtype: VE60 - VISIBLE EMISSIONS - 60% NORMAL OPACITY	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: %                      Exceptional Conditions:                      % Maximum Period of Excess Opacity Allowed:                      min/hour	
4. Method of Compliance:	
5. Visible Emissions Comment: During the 3-hrs in any 24 hr period allowed for boiler cleaning (soot blowing) and load change. Test not required if operation < 400 hours/FFY.	

### H. CONTINUOUS MONITOR INFORMATION

Complete if this emissions unit is or would be subject to continuous monitoring.

**Continuous Monitoring System:** Continuous Monitor 1 of 6

1. Parameter Code: FLOW - Volumetric flow rate	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: SICK Model Number: FLOWSIC107 Serial Number: 00478749	
5. Installation Date: 02-OCT-01	6. Performance Specification Test Date: 10-JUN-03
7. Continuous Monitor Comment: Smith Flow monitor is a combination of the Sierra and Sick Systems.	
Status: Active	

**Continuous Monitoring System:** Continuous Monitor 2 of 6

1. Parameter Code: CO2 - Carbon dioxide	2. Pollutant(s):
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: SIEMENS Model Number: ULTRAMAT 6E Serial Number: N5-680	
5. Installation Date: 02-OCT-01	6. Performance Specification Test Date: 10-JUN-03
7. Continuous Monitor Comment: Spectrum Systems Model 300 Dilution Monitoring System uses the Siemens CO2 analyzer to measure the diluent component of the SO2 and NOX emission rate. Unit is required to monitor CO2 under 2-296.405(	
Status: Active	

**Continuous Monitoring System: Continuous Monitor 3 of 6**

1. Parameter Code: EM - EMISSION	2. Pollutant(s): SO2
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: THERMO ENVIRONMENTAL Model Number: 43C Serial Number: 43C-70674-366	
5. Installation Date: 02-OCT-02	6. Performance Specification Test Date: 10-JUN-03
7. Continuous Monitor Comment: Unit has elected to install and operate CEM for SO2 in lieu of monitoring emissions using fuel sampling and analysis under rule 62-296.405(1)(f)1. Additional requirements under 40CFR75.	
Status: Active	

**Continuous Monitoring System: Continuous Monitor 4 of 6**

1. Parameter Code: VE - Visible emissions (opacity)	2. Pollutant(s):
3. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: SPECTRUM SYSTEMS Model Number: SPEC42 Serial Number: 1418010,1418008	
5. Installation Date: 30-JAN-02	6. Performance Specification Test Date: 09-MAR-04
7. Continuous Monitor Comment:	
Status: Active	



**Continuous Monitoring System: Continuous Monitor 5 of 6**

1. Parameter Code: EM - EMISSION	2. Pollutant(s): NOX
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: THERMO ENVIRONMENTAL Model Number: 42C Serial Number: 42C-70205-365	
5. Installation Date: 02-OCT-01	6. Performance Specification Test Date: 10-JUN-03
7. Continuous Monitor Comment: Spectrum Systems Model 300 Dilution Monitoring System uses Siemens and Teco analyzers to calculate unit NOx emission rate. CEM required under Title IV 40 CFR Part 75.	
Status: Active	

**Continuous Monitoring System: Continuous Monitor 6 of 6**

1. Parameter Code: FLOW - Volumetric flow rate	2. Pollutant(s):
3. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: SIERRA Model Number: 650 Serial Number: SM-1B	
5. Installation Date: 01-DEC-93	6. Performance Specification Test Date: 10-JUN-03
7. Continuous Monitor Comment: Spectrum Systems Model 300 Dilution Monitoring System uses heat input measurements from flow to calculate hourly emissions. CEM flow monitors are required under Title IV 40 CFR Part 75.	
Status: Active	

**I. EMISSIONS UNIT ADDITIONAL INFORMATION**

**Additional Requirements for All Applications, Except as Otherwise Stated**

<p>1. Process Flow Diagram (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)</p> <p><input type="checkbox"/> Applicable      <input type="checkbox"/> Previously Submitted, Date: _____      <input type="checkbox"/> Attachment</p>
<p>2. Fuel Analysis or Specification (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)</p> <p><input type="checkbox"/> Applicable      <input type="checkbox"/> Previously Submitted, Date: _____      <input type="checkbox"/> Attachment</p>
<p>3. Detailed Description of Control Equipment (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)</p> <p><input type="checkbox"/> Applicable      <input type="checkbox"/> Previously Submitted, Date: _____      <input type="checkbox"/> Attachment</p>
<p>4. Procedures for Startup and Shutdown (Required for all operation permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)</p> <p><input checked="" type="checkbox"/> Applicable      <input type="checkbox"/> Previously Submitted, Date: _____      <input checked="" type="checkbox"/> Attachment</p>
<p>5. Operation and Maintenance Plan (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)</p> <p><input type="checkbox"/> Applicable      <input type="checkbox"/> Previously Submitted, Date: _____      <input type="checkbox"/> Attachment</p>
<p>6. Compliance Demonstration Reports/Records</p> <p><input type="checkbox"/> Applicable      <input type="checkbox"/> Previously Submitted, Date: _____      <input type="checkbox"/> Attachment</p> <p style="padding-left: 100px;"><input type="checkbox"/> To Be Submitted, Date (if known): _____</p> <p>Previously Submitted Test Date(s)/Pollutants Tested:</p> <p>To be Submitted Test Date(s)/Pollutants Tested:</p> <p>Note: For FESOP applications, all required compliance demonstration records/reports must be submitted at the time of application. For Title V air operation permit applications, all required compliance demonstration reports/records must be submitted at the time of application, or a compliance plan must be submitted at the time of application.</p>
<p>7. Other Information Required by Rule or Statute</p> <p><input type="checkbox"/> Applicable      <input type="checkbox"/> Attachment</p>

**Additional Requirements for Title V Air Operation Permit Applications**

1. Identification of Applicable Requirements	<input checked="" type="checkbox"/> Applicable	<input checked="" type="checkbox"/> Attachment
2. Compliance Assurance Monitoring Plan	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
3. Alternative Methods of Operation	<input checked="" type="checkbox"/> Applicable	<input checked="" type="checkbox"/> Attachment
4. Alternative Modes of Operation (Emissions Trading)	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
5. Acid Rain Part Application		
Certificate of Representation (EPA Form No. 7610-1)	<input type="checkbox"/> Applicable <input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
Acid Rain Part (Form No. 62-210.900(1)(a))	<input type="checkbox"/> Applicable <input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)	<input type="checkbox"/> Applicable <input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
New Unit Exemption (Form No. 62-210.900(1)(a)2.)	<input type="checkbox"/> Applicable <input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)	<input type="checkbox"/> Applicable <input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.)	<input type="checkbox"/> Applicable <input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
Phase II NOx Averaging Plan (Form No. 62-210.900(1)(a)5.)	<input type="checkbox"/> Applicable <input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment

**Additional Requirements for Air Construction Permit Applications**

<p>1. Control Technology Review and Analysis (Rules 62-212.400(10) and 62-212.500(7), F.A.C.; 40 CFR 63.43(d) and (e))</p> <p><input type="checkbox"/> Applicable <span style="float: right;"><input type="checkbox"/> Attachment</span></p>
<p>2. Good Engineering Practice Stack Height Analysis (Rule 62-212.400(4)(d), F.A.C., and Rule 62-212.500(4)(f), F.A.C.)</p> <p><input type="checkbox"/> Applicable <span style="float: right;"><input type="checkbox"/> Attachment</span></p>
<p>3. Description of Stack Sampling Facilities (Required for proposed new stack sampling facilities only)</p> <p><input type="checkbox"/> Applicable <span style="float: right;"><input type="checkbox"/> Attachment</span></p>

**Other Information Regarding this Emissions Unit**

<p>1. Other Emissions Unit Information</p> <p><input checked="" type="checkbox"/> Applicable <span style="float: right;"><input checked="" type="checkbox"/> Attachment</span></p> <p>Note: Provide any other information related to the emissions unit addressed in this Emissions Unit Information Section that is not elsewhere provided in the application, not otherwise required and that you, the applicant, believe may be helpful.</p>
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**Additional Requirements Comment**

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**Emission Unit Attachments**

Supplemental Item	Electronic File Name	Attachment Description	Electronic Document	Date Uploaded
Procedures for Startup and Shutdown	SMITH SNCR Startup _ Shutdown Procedures.doc	Smith SNCR Startup and Shutdown Procedures.	Yes	01/07/2008
Other Emissions Unit Information	Smith SNCR Schedule.pdf	Smith SNCR Schedule.	Yes	01/04/2008
Identification of Applicable Requirements	DOCS-#262697-v1-Smith - Unit_001 - EPA.DOC	Federal applicable rule list for Unit 1.	Yes	01/09/2008
	DOCS-#262696-v2-Smith - Unit_001 - FDEP.DOC	State applicable rule list for Unit 1.	Yes	01/10/2008
Alternative Methods of Operation	Smith 2 Methods.doc	Alternative Methods of Operation List.	Yes	01/04/2008

**III. EMISSIONS UNIT INFORMATION**  
**A. GENERAL EMISSIONS UNIT INFORMATION**

**Title V Air Operation Permit Emissions Unit Classification**

1. (Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)

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.

**Emissions Unit Description and Status**

1. Type of Emissions Unit Addressed in this Section: (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).

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.

2. Description of Emissions Unit Addressed in this Section:  
 BOILER NUMBER 2 - 2,246.2 MMBTU/HOUR (PHASE II ACID RAIN)

3. Emissions Unit Identification Number: 2

4. Emissions Unit Status Code: A	5. Commence Construction Date:	6. Initial Startup Date: 08-APR-67	7. Emissions Unit Major Group SIC Code: 49	8. Acid Rain Unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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9. Package Unit Manufacturer: \_\_\_\_\_ Model Number: \_\_\_\_\_

10. Generator Nameplate Rating: 205 MW

11. Emissions Unit Comment:  
 Units -001 and -002 share a common stack

**Emissions Unit Control Equipment**

Code	Equipment	Description
24	MODIFIED FURNACE/BURNER DESIGN	Low NOx burners manufactured by Foster Wheeler.
10	ELECTROSTATIC PRECIPITATOR HIGH EFFICIENCY (95.0-99.9%)	Hot Precipitator Buell Model #BAL 2X34N333-4-3P and Cold Precipitator General Electric Model #BE2.1X(2-12'S) (12)-30-111-4.3P
205	LOW NOX BURNERS	Low NOx Burners capable of 25% reduction.
107	SELECTIVE NONCATALYTIC REDUCTION FOR NOX	SNCR HERT Technology projected for startup in January, 2009.

**B. EMISSIONS UNIT CAPACITY INFORMATION**  
 (Optional for unregulated emissions units.)

**Emissions Unit Operating Capacity and Schedule**

1. Maximum Process or Throughput Rate:		
2. Maximum Production Rate:		
3. Maximum Heat Input Rate:	2246.2 million Btu/hr	
4. Maximum Incineration Rate:	pounds/hr	
	tons/day	
5. Requested Maximum Operating Schedule:	24 hours/day	7 days/week
	52 weeks/year	8760 hours/year
6. Operating Capacity/Schedule Comment:	Coal. 76 mmBtu/hr for #2 fuel oil and "on-spec" used oil. Compliance by fuel records.	



**C. EMISSION POINT (STACK/VENT) INFORMATION**

(Optional for unregulated emissions units.)

**Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram:		2. Emission Point Type Code: 2 - An emission point serving 2 or more EU's capable of simultaneous operation	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking:			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: • 1 - BOILER NUMBER 1 - 1,944.8 MMBTU/HOUR (PHASE II ACID RAIN)			
5. Discharge Type Code: (V) A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL/NEARLY VERTICAL DIRECTION		6. Stack Height: 199 feet	7. Exit Diameter: 18 feet
8. Exit Temperature: 334° F	9. Actual Volumetric Flow Rate: 1568308 acfm		10. Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates... Zone: 16 East (km): 625.053 North (km): 3349.243		14. Emission Point Latitude/Longitude... Latitude: 30° 16' 6.2" N Longitude: 85° 41' 59.8" W	
15. Emission Point Comment: Units -001 and -002 share a common stack. Flow rate above for both units.			

**D. SEGMENT (PROCESS/FUEL) INFORMATION**

**Segment Description and Rate: Segment 1 of 3**

1. Segment Description (Process/Fuel Type): Boiler fired with Pulverized Bituminous Coal. Emissions related to tons burned.		
2. Source Classification Code (SCC): 10100212	3. SCC Units: Tons Bituminous Coal Burned	
4. Maximum Hourly Rate: 93.59	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: 3	8. Maximum % Ash: 14	9. Million Btu per SCC Unit: 24
10. Segment Comment: Minimum MBTU per SCC unit is 23. Average MBTU is 24.		
Is this a valid segment? Yes		

**Segment Description and Rate: Segment 2 of 3**

1. Segment Description (Process/Fuel Type): Boiler fired with #2 fuel oil and "on spec." used oil. emissions related to thousand gallons burned.		
2. Source Classification Code (SCC): 10100501	3. SCC Units: 1000 Gallons Distillate Oil (No. 1 & 2) Burned	
4. Maximum Hourly Rate: .55	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: .5	8. Maximum % Ash:	9. Million Btu per SCC Unit: 138
10. Segment Comment: Maximum percent ash in item 8 is 0.05 %.		
Is this a valid segment? Yes		

**Segment Description and Rate: Segment 3 of 3**

1. Segment Description (Process/Fuel Type):		
2. Source Classification Code (SCC): 10101302	3. SCC Units: 1000 Gallons Waste Oil Burned	
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: 132
10. Segment Comment: Used oil specification: Arsenic 5 PPM, Cadmium 2 PPM, Chromium 10 PPM, Lead 100 PPM, Total Halogens 1000 PPM, PCB50 ppm.		
Is this a valid segment? Yes		

**E. EMISSIONS UNIT POLLUTANTS****List of Pollutants Emitted by Emissions Unit**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code	Valid?
CO			NS	Yes
H015			EL	Yes
H027			EL	Yes
H046			EL	Yes
H106				Yes
H107				Yes
H150			EL	Yes
HAPS				Yes
NOX	NSCR (NON-SELECTIVE CATALYTIC REDUCTION)	LOW NOX BURNERS	EL	Yes
PB			EL	Yes
PM	ELECTROSTATIC PRECIPITATOR HIGH EFFICIENCY (95.0-99.9%)		EL	Yes
PM10	ELECTROSTATIC PRECIPITATOR HIGH EFFICIENCY (95.0-99.9%)		NS	Yes
SO2			EL	Yes
VOC				Yes

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: CO - Carbon Monoxide		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 46.8 lb/hour 205 tons/year		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: .5 LB/TON Reference: AP-42		7. Emissions Method Code: (3) CALCULATED USING EMISSION FACTOR FROM AP-42/FIRE SYSTEM.	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: 0.5 CO lbs/ton of coal 0.50 (93.59 tons/hr) = 46.8 lbs/hr 0.50 (93.59) (8760) (1/2000) = 204.96 tons/yr			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Source; AP-42			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

**(Optional for unregulated emissions units.)**

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: H015 - Arsenic Compounds (inorganic including arsine)		2. Total Percent Efficiency of Control:	
3. Potential Emissions: lb/hour		tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor:  Reference:		7. Emissions Method Code:	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From:                      To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions:			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Limited to 5 ppm as specification of used oil.			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*





**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: H046 - Chromium Compounds		2. Total Percent Efficiency of Control:	
3. Potential Emissions: lb/hour		tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor:  Reference:		7. Emissions Method Code:	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From:                      To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions:			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Limited to 10 ppm as specification of used oil.			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

**(Optional for unregulated emissions units.)**

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit.**

**Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: H106 - Hydrogen chloride (Hydrochloric acid)	2. Total Percent Efficiency of Control:
3. Potential Emissions:  lb/hour <span style="float:right">tons/year</span>	4. Synthetically Limited?  <input type="checkbox"/> Yes <span style="margin-left: 20px;"><input type="checkbox"/> No</span>
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor:  Reference:	7. Emissions Method Code:
8.a. Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: <span style="float:right">To:</span>
9.a. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <span style="margin-left: 20px;"><input type="checkbox"/> 10 years</span>
10. Calculation of Emissions:	
11. Pollutant Potential, Fugitive, and Actual Emissions Comment:	

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: H107 - Hydrogen fluoride (Hydrofluoric acid)		2. Total Percent Efficiency of Control:	
3. Potential Emissions:  lb/hour    tons/year		4. Synthetically Limited?  <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable):  to tons/year			
6. Emission Factor:  Reference:		7. Emissions Method Code:	
8.a. Baseline Actual Emissions (if required):  tons/year		8.b. Baseline 24-month Period:  From:    To:	
9.a. Projected Actual Emissions (if required):  tons/year		9.b. Projected Monitoring Period:  <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions:			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment:			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*



**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: H150 - Polychlorinated biphenyls (Aroclors)		2. Total Percent Efficiency of Control:	
3. Potential Emissions: lb/hour		tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor:  Reference:		7. Emissions Method Code:	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From:                      To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions:			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Limited to 50 ppm as specification of used oil			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*



**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: NOX - Nitrogen Oxides		2. Total Percent Efficiency of Control: 60	
3. Potential Emissions: 988.33 lb/hour 4329 tons/year		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: .44 LB/MMBTU Reference: PERMIT		7. Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST-CASE ALLOWABLE EMISSION.	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: 0.44 lb/mmbtu * 2246.2 mmbtu/hr = 988.33 lb/hr; 988.3 lb/hr * 8760 hr/yr/2000 lb/ton = 4328.9 ton/yr			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Facility-wide NOx cap of 6,666 tpy; Emission factor based on Acid Rain permit average annual rate. Potential emission rate with SNCR range from 0.41 to 0.25 lb/mmbtu.			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

**Allowable Emissions** Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: (OTHER) assumed by applicant for other reasons (Explain in comment field)	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: .44 POUNDS PER MILLION BTU HEAT INPUT	4. Equivalent Allowable Emissions: 988.33 lb/hour                      4329 tons/year
5. Method of Compliance: Annual Average of CEM hourly data.	
6. Allowable Emissions Comment (Description of Operating Method): Phase II NOx. There are no requirements to operate the proposed SNCR system. Source will operate the SNCR as needed to meet CAIR and CAMR.	

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

**(Optional for unregulated emissions units.)**

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: PB - Lead - Total (elemental lead and lead compounds)		2. Total Percent Efficiency of Control:	
3. Potential Emissions: lb/hour		tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor:  Reference:		7. Emissions Method Code:	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From:                      To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions:			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Limited to 100 ppm as specification of used oil.			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*



**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit.**

**Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: PM - Particulate Matter - Total		2. Total Percent Efficiency of Control: 98	
3. Potential Emissions: 224.6 lb/hour 1229.8 tons/year		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: .125 LB/MMBTU Reference: PERMIT		7. Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST-CASE ALLOWABLE EMISSION.	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: lb/hr = 2246.2 mmBtu/hr*0.1 lb/mmBtu = 224.6lb/hr. TPY = 2246.2 mmBtu/hr*0.125 lb/mmBtu * 8760 hrs/yr/*1 ton/2000 lb = 1229.8 TPY			
11. Pollutant Potential,Fugitive, and Actual Emissions Comment: Emission factor based on 0.1 lb/MMBtu, 21 hours (steady- state); 0.3 lb/MMBtu, 3 hours (soot-blowing).			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

**Allowable Emissions** Allowable Emissions 1 of 2

1. Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: .3 POUNDS PER MILLION BTU HEAT INPUT	4. Equivalent Allowable Emissions: 673.86 lb/hour      1229.8 tons/year
5. Method of Compliance: Test not required if operation < 400 hours/FFY.	
6. Allowable Emissions Comment (Description of Operating Method): During the 3 hrs in any 24 hrs period allowed for boiler cleaning(soot blowing) and load changing.	

**Allowable Emissions** Allowable Emissions 2 of 2

1. Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: .1 POUNDS PER MILLION BTU HEAT INPUT	4. Equivalent Allowable Emissions: 224.62 lb/hour      1229.8 tons/year
5. Method of Compliance: Test not required if operation < 400 hours/FFY.	
6. Allowable Emissions Comment (Description of Operating Method): During normal operations while firing coal.	

### F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: PM10 - Particulate Matter - PM10	2. Total Percent Efficiency of Control: 98
3. Potential Emissions: 224.6 lb/hour                                  1229.8 tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor:  Reference:	7. Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST-CASE ALLOWABLE EMISSION.
8.a. Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From:                                  To:
9.a. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years
10. Calculation of Emissions:	
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Assumed to be the same as PM.	

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: SO2 - Sulfur Dioxide		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 6064.74 lb/hour		26564 tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 2.7 LB/MMBTU Reference: PERMIT		7. Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST-CASE ALLOWABLE EMISSION.	
8.a. Baseline Actual Emissions (if required): tons/year		8.b. Baseline 24-month Period: From: To:	
9.a. Projected Actual Emissions (if required): tons/year		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions: $2.7 \text{ lb/mmmtu} * 2246.2 \text{ mmbtu/hr} = 6064.74 \text{ lb/hr}; 6064.74 \text{ lb/hr} * 8760 \text{ hr/yr} * 1/2000 \text{ lb/ton} = 26564 \text{ ton/yr}$			
11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Potential based on Unit 2 limit of 2.7 lb/mmmtu; Unit 2 allowed to emit at max 4.5 lb/mmmtu when both coal units on line.			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

**Allowable Emissions** Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: (OTHER) assumed by applicant for other reasons (Explain in comment field)	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 2.7 POUNDS PER MILLION BTU HEAT INPUT	4. Equivalent Allowable Emissions: 6064.74 lb/hour      26564 tons/year
5. Method of Compliance: Daily 24 hour average based on CEM or FS&A. See SC 12.	
6. Allowable Emissions Comment (Description of Operating Method): Applicant request. 4.5 lbs/mmBtu for unit 1 and 2 combined.	

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS**

(Optional for unregulated emissions units.)

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: VOC - Volatile Organic Compounds	2. Total Percent Efficiency of Control:
3. Potential Emissions: 6.55 lb/hour 28.7 tons/year	4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: .07 LB/TON Reference: SCC	7. Emissions Method Code: (3) CALCULATED USING EMISSION FACTOR FROM AP-42/FIRE SYSTEM.
8.a. Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: To:
9.a. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years
10. Calculation of Emissions: 0.07 lb/ton * 93.59 ton/hr = 6.55 lb/hr; 6.55 lb/hr * 8760 hr/yr * 1/2000 lb/ton = 28.7 tons/yr.	
11. Pollutant Potential, Fugitive, and Actual Emissions Comment:	

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

*No Pollutant Allowable Emissions information submitted.*



**G. VISIBLE EMISSIONS INFORMATION**

**Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.**

**Visible Emissions Limitation:** Visible Emissions Limitation 1 of 2

1. Visible Emissions Subtype: VE40 - VISIBLE EMISSIONS - 40% NORMAL OPACITY	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: 40%                      Exceptional Conditions:                      % Maximum Period of Excess Opacity Allowed:                      min/hour	
4. Method of Compliance:	
5. Visible Emissions Comment: The Permittee elected to utilize a transmissometer (opacity meter) for demonstrating compliance with the visible emissions limit.	

**Visible Emissions Limitation:** Visible Emissions Limitation 2 of 2

1. Visible Emissions Subtype: VE60 - VISIBLE EMISSIONS - 60% NORMAL OPACITY	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: %                      Exceptional Conditions:                      % Maximum Period of Excess Opacity Allowed:                      min/hour	
4. Method of Compliance:	
5. Visible Emissions Comment: During the 3-hrs in any 24 hr period allowed for boiler cleaning (soot blowing) and load change. Test not required if operation < 400 hours/FFY.	

**H. CONTINUOUS MONITOR INFORMATION**

**Complete if this emissions unit is or would be subject to continuous monitoring.**

**Continuous Monitoring System:** Continuous Monitor 1 of 5

1. Parameter Code: CO2 - Carbon dioxide	2. Pollutant(s):
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: SIEMENS Model Number: ULTRAMAT 6E Serial Number: ND-886	
5. Installation Date: 01-JUL-02	6. Performance Specification Test Date: 10-JUN-03
7. Continuous Monitor Comment: Spectrum Systems Model 300 Dilution Monitoring System uses the Siemens CO2 analyzer to measure the diluent component of the SO2 and NOX emission rate. Unit is required to monitor CO2 under 2-296.405(	
Status: Active	

**Continuous Monitoring System:** Continuous Monitor 2 of 5

1. Parameter Code: EM - EMISSION	2. Pollutant(s): SO2
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: THERMO ENVIRONMENTAL Model Number: 43C Serial Number: 43C-72789-372	
5. Installation Date: 01-JUL-02	6. Performance Specification Test Date: 10-JUN-03
7. Continuous Monitor Comment: Unit has elected to install and operate CEM for SO2 in lieu of monitoring emissions using fuel sampling and analysis under rule 62-296.405(1)(f)1. Specific conditions from existing permit is enclosed.	
Status: Active	

**Continuous Monitoring System:** Continuous Monitor 3 of 5

1. Parameter Code: VE - Visible emissions (opacity)	2. Pollutant(s):
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: SPECTRUM Model Number: SPEC41 Serial Number: 1448000,1418002	
5. Installation Date: 28-SEP-02	6. Performance Specification Test Date: 09-MAR-04
7. Continuous Monitor Comment:	
Status: Active	

**Continuous Monitoring System:** Continuous Monitor 4 of 5

1. Parameter Code: FLOW - Volumetric flow rate	2. Pollutant(s):
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: SICK Model Number: FLOWSIC107 Serial Number: 478751, 47875	
5. Installation Date: 01-JAN-01	6. Performance Specification Test Date: 10-JUN-03
7. Continuous Monitor Comment: Spectrum Systems Model 300 Dilution Monitoring System uses heat input measurements from flow to calculate hourly emissions. CEM flow monitors are required under Title IV 40 CFR Part 75.	
Status: Active	

**Continuous Monitoring System:** Continuous Monitor 5 of 5

1. Parameter Code: EM - EMISSION	2. Pollutant(s): NOX
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: THERMO ENVIRONMENTAL Model Number: 42C Serial Number: 42C-71476-368	
5. Installation Date: 01-JUL-02	6. Performance Specification Test Date: 10-JUN-03
7. Continuous Monitor Comment: Spectrum Systems Model 300 Dilution Monitoring System uses Siemens and Teco analyzers to calculate unit NOx emission rate. CEM required under Title IV 40 CFR Part 75.	
Status: Active	

**I. EMISSIONS UNIT ADDITIONAL INFORMATION****Additional Requirements for All Applications, Except as Otherwise Stated**

1. Process Flow Diagram (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)	<input type="checkbox"/> Applicable	<input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
2. Fuel Analysis or Specification (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)	<input type="checkbox"/> Applicable	<input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
3. Detailed Description of Control Equipment (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)	<input type="checkbox"/> Applicable	<input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
4. Procedures for Startup and Shutdown (Required for all operation permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)	<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> Previously Submitted, Date:	<input checked="" type="checkbox"/> Attachment
5. Operation and Maintenance Plan (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)	<input type="checkbox"/> Applicable	<input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
6. Compliance Demonstration Reports/Records	<input type="checkbox"/> Applicable	<input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
		<input type="checkbox"/> To Be Submitted, Date (if known):	
	Previously Submitted Test Date(s)/Pollutants Tested:		
	To be Submitted Test Date(s)/Pollutants Tested:		
Note: For FESOP applications, all required compliance demonstration records/reports must be submitted at the time of application. For Title V air operation permit applications, all required compliance demonstration reports/records must be submitted at the time of application, or a compliance plan must be submitted at the time of application.			
7. Other Information Required by Rule or Statute	<input type="checkbox"/> Applicable		<input type="checkbox"/> Attachment

**Additional Requirements for Title V Air Operation Permit Applications**

1. Identification of Applicable Requirements	<input checked="" type="checkbox"/> Applicable	<input checked="" type="checkbox"/> Attachment
2. Compliance Assurance Monitoring Plan	<input type="checkbox"/> Applicable	<input type="checkbox"/> Attachment
3. Alternative Methods of Operation	<input checked="" type="checkbox"/> Applicable	

APPLICATION: SMITH SNCR CONSTRUCTION PERMIT (#1805-1)  
 FACILITY: GULF POWER COMPANY (#0050014)

<b>Facility Attachments</b>				
<b>Supplemental Item</b>	<b>Electronic File Name</b>	<b>Attachment Description</b>	<b>Electronic Document?</b>	<b>Date Uploaded</b>
RULE APPLICABILITY ANALYSIS	DOCS-#262692-v1-Smith_Facility_list_-EPA.DOC	Federal applicable rule list.	Yes	1/9/2008
-->	DOCS-#262695-v1-Smith_Facility_list_-FDEP.DOC	State applicable rule list.	Yes	1/9/2008
<b>Emissions Unit Attachments</b>				
<b>Emissions Unit: 001 - BOILER NUMBER 1 - 1,944.8 MMBTU/HOUR (PHASE II ACID RAIN)</b>				
<b>Supplemental Item</b>	<b>Electronic File Name</b>	<b>Attachment Description</b>	<b>Electronic Document?</b>	<b>Date Uploaded</b>
ALTERNATIVE METHODS OF OPERATION	Smith 2 Methods.doc	Alternative Methods of Operation List.	Yes	1/4/2008
DETAILED DESCRIPTION OF CONTROL EQUIPMENT	Smith SNCR-HERT Process Design.doc	Smith SNCR Detail Control Description.	Yes	1/7/2008
IDENTIFICATION OF APPLICABLE REQUIREMENTS	DOCS-#262696-v2-Smith_-_Unit_001_-_FDEP.DOC	State applicable rule list for Unit 1.	Yes	1/10/2008
-->	DOCS-#262697-v1-Smith_-_Unit_001_-_EPA.DOC	Federal applicable rule list for Unit 1.	Yes	1/9/2008
OTHER EMISSIONS UNIT INFORMATION	Smith SNCR Schedule.pdf	Smith SNCR Schedule.	Yes	1/4/2008
PROCEDURES FOR STARTUP AND SHUTDOWN	SMITH SNCR Startup _Shutdown Procedures.doc	Smith SNCR Startup and Shutdown Procedures.	Yes	1/7/2008
<b>Emissions Unit: 002 - BOILER NUMBER 2 - 2,246.2 MMBTU/HOUR (PHASE II ACID RAIN)</b>				
<b>Supplemental Item</b>	<b>Electronic File Name</b>	<b>Attachment Description</b>	<b>Electronic Document?</b>	<b>Date Uploaded</b>
ALTERNATIVE METHODS OF OPERATION	Smith 1 Methods.doc	Alternative Methods of Operation.	Yes	1/4/2008
DETAILED DESCRIPTION OF CONTROL EQUIPMENT	Smith SNCR-HERT Process Design.doc	Smith SNCR Design Information.	Yes	1/7/2008
IDENTIFICATION OF APPLICABLE REQUIREMENTS	DOCS-#262698-v1-Smith_-_Unit_002_-_FDEP.DOC	State applicable rule list for Unit 2.	Yes	1/10/2008
-->	DOCS-#262699-v1-Smith_-_Unit_002_-_EPA.DOC	Federal applicable rule list for Unit 2.	Yes	1/9/2008
OTHER EMISSIONS UNIT INFORMATION	Smith SNCR Schedule.pdf	Smith SNCR Schedule.	Yes	1/4/2008
PROCEDURES FOR STARTUP AND SHUTDOWN	SMITH SNCR Startup _Shutdown Procedures.doc	Smith SNCR Startup and Shutdown Procedures.	Yes	1/7/2008
Report Completed as of: 1/17/2008 12:59:50 PM				

Attachments  
AVAILABLE  
VIA EPSAR.

Elizabeth