



July 18, 2008

Certified Mail – Return Receipt
7006 0810 0000 4656 8801

Ms. Trina L. Vielhauer, Bureau Chief
Bureau of Air Regulation
Division of Air Resource Management
Florida Department of Environmental Protection
2600 Blair Stone Road, MS 5505
Tallahassee, FL 32399-2400

RECEIVED

JUL 21 2008

BUREAU OF AIR REGULATION

Re: Gainesville Regional Utilities
Deerhaven Generating Station
Title V Permit No. 0010006-003-AV
Application for Revision

Project No.: 0010006-008-AV

Dear Ms. Vielhauer:

Please find attached five (5) copies of DEP Form No. 62-210.900(1), Application for Air Permit – Long Form for the above referenced facility. The purpose of the application is to request a revision to clarify the applicable excess emissions requirements for Unit 2. The details of the request and the supporting documentation are contained in the application and the Introduction.

If you have any questions, please do not hesitate to contact me by phone at (352) 393-1283, by e-mail at klemansrw@gru.com or at the address at the bottom of this page.

Sincerely,

Robert W. Klemans, P.E.
Interim Environmental Resource Coordinator

RWK

Attachments

cc: C. Kirts (FDEP-Jax)

cc(w/o attach.): J. Stanton D. Moffett M. Jones
E. Regan R. Embry B. Hoang

file: CAA/TITLEV - Clean Air Act / Title V – DH

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DEERHAVEN GENERATING STATION

**UNIT 2
EXCESS EMISSIONS**

**APPLICATION FOR
TITLE V PERMIT REVISION**

Prepared for:



Prepared by:



ECT No. 051174-0700

July 2008

1.0 INTRODUCTION

The City of Gainesville, Gainesville Regional Utilities (GRU) operates a nominal 251-megawatt (MW) coal-fired steam electrical generating unit (EGU) at its Deerhaven Generating Station (DGS) located in Gainesville, Alachua County, Florida. Operation of DGS Unit 2 is currently authorized by Florida Department of Environmental Protection (FDEP) Title V Final Permit No. 0010006-003-AV. Final Permit No. 0010006-003-AV was issued with an effective date of January 1, 2005, and an expiration date of December 31, 2009. GRU requests a Title V operating permit revision to clarify the applicable excess emission requirements for DGS Unit 2.

Subsection B of Final Permit No. 0010006-003-AV contains the permit conditions applicable to Unit 2. Condition B.14 states that Unit 2 is also subject to Specific Conditions D.1 through D.14 of Subsection D, NSPS Common Conditions. Specific Condition D.2 addresses the issue of allowable excess emissions as follows:

“Excess emissions resulting from startup, shutdown, or malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.”

The regulatory citation for Specific Condition D.2 is Rule 62-210.700(1), F.A.C., Excess Emissions.

DGS Unit 2 is rated at 2,428 million British thermal units per hour (MMBtu/hr) and began commercial operation in 1981. This emissions unit is fired on coal, natural gas, and/or distillate fuel oil and is used for baseload operations. Unit 2 is subject to the requirements of New Source Performance Standard (NSPS) Subpart D, *Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction Is Commenced After August 17, 1971*. The applicable emission limits for Unit 2 are contained in Specific Conditions B.4 through B.7 of Final Permit No. 0010006-003-AV. These permit conditions incorporate the emission standards of NSPS Subpart D. Accordingly, Unit 2 is

only subject to the NSPS Subpart D emission limits (i.e., it is not subject to any FDEP emission standards).

As advised by FDEP, Rule 62-210.700(1), F.A.C., does not apply to emission units that have emission limits based solely on NSPS or National Emission Standards for Hazardous Air Pollutants (NESHAPs) standards (i.e., the excess emission rule only applies to emission limits based on FDEP rules since Rule 62-210.700[1], F.A.C., cannot be used to vary any federal rule). Since DGS Unit 2 is not subject to Rule 62-210.700(1), F.A.C., GRU requests the following Title V operating permit revision to Final Permit No. 0010006-003-AV:

Section III., Subsection B. E.U. ID No. 005

From:

B.14—This emissions unit is also subject to Specific Conditions **D.1** through **D.14** contained in **Subsection D, NSPS Common Conditions**.

To:

B.14—This emissions unit is also subject to Specific Conditions **D.1** and **D.3** through **D.14** contained in **Subsection D, NSPS Common Conditions**. Unit 2 is not subject to Specific Condition **D.2** of **Subsection D, NSPS Common Conditions**.

Section III, Subsection D. NSPS Common Conditions

From:

The following Conditions apply to the emissions unit(s)/activities listed above except as noted below:

Specific Conditions **D.1, D.4, D.5, D.6, D.7, D.9, D.10, D.12, and D.14** *do not apply* to EU ID No. 007, coal handling and storage Activities.

To:

The following Conditions apply to the emissions unit(s)/activities listed above except as noted below:

Specific Conditions **D.1, D.4, D.5, D.6, D.7, D.9, D.10, D.12, and D.14**. *do not apply* to EU ID No. 007, coal handling and storage activities. Specific Condition **D.2** *does not apply* to EU ID No. 005, 2,428 MMBtu/hr Stream Boiler – Unit 2.

Unit 2 will remain subject to the applicable excess emission requirements of NSPS Subpart A (General Provisions) and Subpart D. In particular, Unit 2 will remain subject to the requirements of NSPS Subpart A, 60.11(d) as follows:

“At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.”

As requested by FDEP, a completed Application for Air Permit—Long Form (FDEP Form No. 62-210.900[1], Effective: 03/16/08) follows this introduction.

FDEP APPLICATION FOR AIR PERMIT
LONG FORM



Department of Environmental Protection

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III 21 2008

Division of Air Resource Management

APPLICATION FOR AIR PERMIT - LONG FORM

BUREAU OF AIR REGULATION

I. APPLICATION INFORMATION

Air Construction Permit – Use this form to apply for an air construction permit:

- For any required purpose at a facility operating under a federally enforceable state air operation permit (FESOP) or Title V air operation permit;
- For a proposed project subject to prevention of significant deterioration (PSD) review, nonattainment new source review, or maximum achievable control technology (MACT);
- To assume a restriction on the potential emissions of one or more pollutants to escape a requirement such as PSD review, nonattainment new source review, MACT, or Title V; or
- To establish, revise, or renew a plantwide applicability limit (PAL).

Air Operation Permit – Use this form to apply for:

- An initial federally enforceable state air operation permit (FESOP); or
- An initial, revised, or renewal Title V air operation permit.

To ensure accuracy, please see form instructions.

Identification of Facility

1. Facility Owner/Company Name: City of Gainesville, GRU	
2. Site Name: Deerhaven Generating Station	
3. Facility Identification Number: 0010006	
4. Facility Location... Street Address or Other Locator: 10001 NW 13th Street City: Gainesville County: Alachua Zip Code: 32653	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Title V Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Contact

1. Application Contact Name: Robert W. Klemans, P.E.	
2. Application Contact Mailing Address... Organization/Firm: City of Gainesville, GRU Street Address: P.O. Box 147117 (A136) City: Gainesville State: FL Zip Code: 32614-7117	
3. Application Contact Telephone Numbers... Telephone: (352) 393-1283 ext. Fax: (352) 334-3151	
4. Application Contact Email Address: klemansrw@gru.com	

Application Processing Information (DEP Use)

1. Date of Receipt of Application: 4/2/08	3. PSD Number (if applicable):
2. Project Number(s): 0010006-008-AV	4. Siting Number (if applicable):

APPLICATION INFORMATION

Purpose of Application

This application for air permit is being 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

GRU requests a Title V operating permit revision to clarify the applicable excess emission requirements for Deerhaven Generating Station Unit 2. A discussion of the permit revision request is provided in the Introduction.

APPLICATION INFORMATION

Scope of Application

Emissions Unit ID Number	Description of Emissions Unit	Air Permit Type	Air Permit Processing Fee
005	2,428 MMBtu/hr Steam Boiler No. 2	N/A	N/A

Application Processing Fee

Check one: Attached - Amount: \$ _____ Not Applicable

APPLICATION INFORMATION

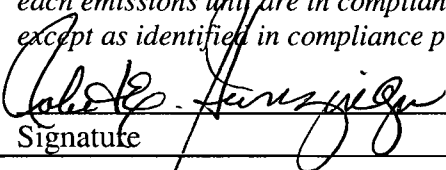
Owner/Authorized Representative Statement **NOT APPLICABLE**
Complete if applying for an air construction permit or an initial FESOP.

1. Owner/Authorized Representative Name:
2. Owner/Authorized Representative Mailing Address Organization/Firm: Street Address: City: State: Zip Code:
3. Owner/Authorized Representative Telephone Numbers Telephone: ext. Fax:
4. Owner/Authorized Representative Email Address:
5. Owner/Authorized Representative Statement: <i>I, the undersigned, am the owner or authorized representative of the corporation, partnership, or other legal entity submitting this air permit application. To the best of my knowledge, the statements made in this application are true, accurate and complete, and any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. I understand that a permit, if granted by the department, cannot be transferred without authorization from the department.</i> _____ Signature _____ Date

APPLICATION INFORMATION

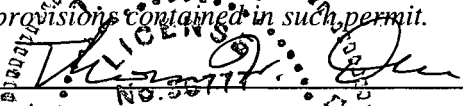
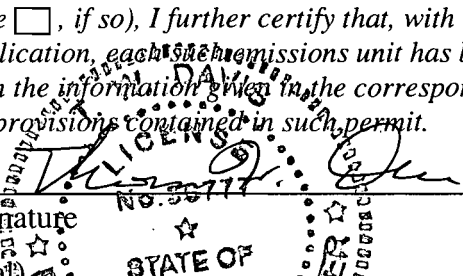
Application Responsible Official Certification

Complete if applying for an initial, revised, or renewal Title V air operation permit or concurrent processing of an air construction permit and revised or renewal Title V air operation permit. If there are multiple responsible officials, the "application responsible official" need not be the "primary responsible official."

1. Application Responsible Official Name: Robert E. Hunzinger, General Manager
2. Application Responsible Official Qualification (Check one or more of the following options, as applicable): <input 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 checked="" 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, CAIR source, or Hg Budget source.
3. Application Responsible Official Mailing Address... Organization/Firm: City of Gainesville, GRU Street Address: P.O. Box 147117 (A134) City: Gainesville State: FL Zip Code: 32614-7117
4. Application Responsible Official Telephone Numbers... Telephone: (352) 393 - 1007 ext. Fax: (352) 334 - 3151
5. Application Responsible Official E-mail Address: hunzingerre@gru.com
6. Application Responsible Official Certification: <i>I, the undersigned, am a responsible official of the Title V source 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 applicable requirements identified in this application to which the Title V source 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. Finally, I certify that the facility and each emissions unit are in compliance with all applicable requirements to which they are subject, except as identified in compliance plan(s) submitted with this application.</i>  Signature _____ Date <u>7/17/08</u>

APPLICATION INFORMATION

Professional Engineer Certification

1. Professional Engineer Name: Thomas W. Davis Registration Number: 36777
2. Professional Engineer Mailing Address... Organization/Firm: Environmental Consulting & Technology, Inc. Street Address: 3701 Northwest 98th Street City: Gainesville State: Florida Zip Code: 32606-5004
3. Professional Engineer Telephone Numbers... Telephone: (352) 332 - 0444 ext. Fax: (352) 332 - 6722
4. Professional Engineer Email Address: tdavis@ectinc.com
5. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> <i>(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</i> <i>(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.</i> <i>(3) If the purpose of this application is to obtain a Title V air operation permit (check here <input checked="" 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.</i> <i>(4) If the purpose of this application is to obtain an air construction permit (check here <input 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.</i> <i>(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.</i> Signature:  (seal)  Date: <u>7/10/08</u>

* Attach any exception to certification statement.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates... Zone 17 East (km) 365.70 North (km) 3,292.60		2. Facility Latitude/Longitude... Latitude (DD/MM/SS) Longitude (DD/MM/SS)	
3. Governmental Facility Code: 4	4. Facility Status Code: A	5. Facility Major Group SIC Code: 49	6. Facility SIC(s): 4911
7. Facility Comment :			

Facility Contact

1. Facility Contact Name: Robert W. Klemans, P.E.
2. Facility Contact Mailing Address... Organization/Firm: City of Gainesville, GRU Street Address: P.O. Box 147117 (A136) City: Gainesville State: Florida Zip Code: 32614-7117
3. Facility Contact Telephone Numbers: Telephone: (352) 393-1283 ext. Fax: (352) 334-3151
4. Facility Contact Email Address: klemansrw@gru.com

Facility Primary Responsible Official

Complete if an "application responsible official" is identified in Section I that is not the facility "primary responsible official."

1. Facility Primary Responsible Official Name: John W. Stanton
2. Facility Primary Responsible Official Mailing Address... Organization/Firm: City of Gainesville, Gainesville Regional Utilities (GRU) Street Address: P.O. Box 147117 (A132) City: Gainesville State: Florida Zip Code: 32614-7117
3. Facility Primary Responsible Official Telephone Numbers... Telephone: (352) 393-1789 ext. Fax: (352) 334-2786
4. Facility Primary Responsible Official Email Address: stantonjw@gru.com

FACILITY INFORMATION

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 checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS (40 CFR 60)	
9.	<input type="checkbox"/> One or More Emissions Units Subject to Emission Guidelines (40 CFR 60)	
10.	<input type="checkbox"/> One or More Emissions Units Subject to NESHAP (40 CFR 61 or Part 63)	
11.	<input type="checkbox"/> Title V Source Solely by EPA Designation (40 CFR 70.3(a)(5))	
12.	<p>Facility Regulatory Classifications Comment:</p> <p>NSPS for Fossil-Fuel-Fired Steam Generators for Which Construction Is Commenced After August 17, 1971 (40 CFR Part 60 Subpart D) applies to Unit 2.</p>	

FACILITY INFORMATION

List of Pollutants Emitted by Facility

1. Pollutant Emitted	2. Pollutant Classification	3. Emissions Cap [Y or N]?
NOX	A	N
SO2	A	N
CO	A	N
PM10	A	N
PM	A	N
VOC	A	N
H106 (Hydrogen Chloride)	A	N
H107 (Hydrogen Fluoride)	A	N
HAPS (Total)	A	N

FACILITY INFORMATION

B. EMISSIONS CAPS

Facility-Wide or Multi-Unit Emissions Caps **NOT APPLICABLE**

1. Pollutant Subject to Emissions Cap	2. Facility-Wide Cap [Y or N]? (all units)	3. Emissions Unit ID's Under Cap (if not all units)	4. Hourly Cap (lb/hr)	5. Annual Cap (ton/yr)	6. Basis for Emissions Cap

7. Facility-Wide or Multi-Unit Emissions Cap Comment:

FACILITY INFORMATION

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"/> Attached, Document ID: <input checked="" type="checkbox"/> Previously Submitted, Date: June 2004
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"/> Attached, Document ID: <input checked="" type="checkbox"/> Previously Submitted, Date: June 2004
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"/> Attached, Document ID: <input checked="" type="checkbox"/> Previously Submitted, Date: June 2004

Additional Requirements for Air Construction Permit Applications **NOT APPLICABLE**

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

FACILITY INFORMATION

C. FACILITY ADDITIONAL INFORMATION (CONTINUED)

Additional Requirements for FESOP Applications **NOT APPLICABLE**

1. List of Exempt Emissions Units: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable (no exempt units at facility)

Additional Requirements for Title V Air Operation Permit Applications

1. List of Insignificant Activities: (Required for initial/renewal applications only) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable (revision application)
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) <input checked="" type="checkbox"/> Attached, Document ID: Introduction <input type="checkbox"/> Not Applicable (revision application with no change in applicable requirements)
3. Compliance Report and Plan: (Required for all initial/revision/renewal applications) <input type="checkbox"/> Attached, Document ID: _____ 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. <input checked="" type="checkbox"/> Not Applicable
4. List of Equipment/Activities Regulated under Title VI: (If applicable, required for initial/renewal applications only) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Equipment/Activities Onsite but Not Required to be Individually Listed <input checked="" type="checkbox"/> Not Applicable
5. Verification of Risk Management Plan Submission to EPA: (If applicable, required for initial/renewal applications only) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
6. Requested Changes to Current Title V Air Operation Permit: <input checked="" type="checkbox"/> Attached, Document ID: Introduction <input type="checkbox"/> Not Applicable

FACILITY INFORMATION

C. FACILITY ADDITIONAL INFORMATION (CONTINUED)

Additional Requirements for Facilities Subject to Acid Rain, CAIR, or Hg Budget Program

<p>1. Acid Rain Program Forms:</p> <p>Acid Rain Part Application (DEP Form No. 62-210.900(1)(a)):</p> <p><input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>June 2004</u></p> <p><input type="checkbox"/> Not Applicable (not an Acid Rain source)</p> <p>Phase II NO_x Averaging Plan (DEP Form No. 62-210.900(1)(a)1.):</p> <p><input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____</p> <p><input checked="" type="checkbox"/> Not Applicable</p> <p>New Unit Exemption (DEP Form No. 62-210.900(1)(a)2.):</p> <p><input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____</p> <p><input checked="" type="checkbox"/> Not Applicable</p>
<p>2. CAIR Part (DEP Form No. 62-210.900(1)(b)):</p> <p><input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>5/1/2008</u></p> <p><input type="checkbox"/> Not Applicable (not a CAIR source)</p>
<p>3. Hg Budget Part (DEP Form No. 62-210.900(1)(c)):</p> <p><input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>5/1/2008</u></p> <p><input type="checkbox"/> Not Applicable (not a Hg Budget unit)</p>

Additional Requirements Comment

EMISSIONS UNIT INFORMATION

Section [1] of [1]

A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1. Regulated or Unregulated Emissions Unit? (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:
Fossil Fuel-Fired Steam Boiler Unit No. 2.

3. Emissions Unit Identification Number: **005 (Internal ID: DH-2)**

4. Emissions Unit Status Code: A	5. Commence Construction Date: N/A	6. Initial Startup Date: N/A	7. Emissions Unit Major Group SIC Code: 49
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8. Federal Program Applicability: (Check all that apply)

Acid Rain Unit

CAIR Unit

Hg Budget Unit (CAMR was vacated by the D.C. Circuit Court on 2/8/2008)

9. Package Unit:
Manufacturer: _____ Model Number: _____

10. Generator Nameplate Rating: **251 MW (nominal)**

11. Emissions Unit Comment:
Dry Bottom, Wall-fired Boiler
Field 10 is based on:
295,000 kVA @ 1.0 power factor
250.75 MW @ 0.85 power factor

EMISSIONS UNIT INFORMATION

Section [1] of [1]

Emissions Unit Control Equipment/Method: Control 1 of 1

1. Control Equipment/Method Description: High Efficiency Hot-Side Electrostatic Precipitator (ESP)
2. Control Device or Method Code: 010

Emissions Unit Control Equipment/Method: Control of

1. Control Equipment/Method Description:
2. Control Device or Method Code:

Emissions Unit Control Equipment/Method: Control ___ of ___

1. Control Equipment/Method Description:
2. Control Device or Method Code:

Emissions Unit Control Equipment/Method: Control ___ of ___

1. Control Equipment/Method Description:
2. Control Device or Method Code:

EMISSIONS UNIT INFORMATION

Section [1] of [1]

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: 2,428 million Btu/hr
4. Maximum Incineration Rate: pounds/hr tons/day
5. Requested Maximum Operating Schedule: 24 hours/day 52 weeks/year 7 days/week 8,760 hours/year
6. Operating Capacity/Schedule Comment: Field 3 maximum heat input based on coal-firing. Maximum heat input is 900 MMBtu/hr for No. 1 or 2 fuel oil-firing, and 591 MMBtu/hr for natural gas-firing.

EMISSIONS UNIT INFORMATION

Section [1] of [1]

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: DH-2		2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking: N/A			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/A			
5. Discharge Type Code: V	6. Stack Height: 350 feet	7. Exit Diameter: 18.5 feet	
8. Exit Temperature: 352 °F	9. Actual Volumetric Flow Rate: 766,500 acfm	10. Water Vapor: N/A %	
11. Maximum Dry Standard Flow Rate: N/A dscfm		12. Nonstack Emission Point Height: N/A feet	
13. Emission Point UTM Coordinates... Zone: East (km): North (km):		14. Emission Point Latitude/Longitude... Latitude (DD/MM/SS) Longitude (DD/MM/SS)	
15. Emission Point Comment: Fields 8 and 9 based on average values from 2001-2003 compliance tests.			

EMISSIONS UNIT INFORMATION

Section [1] of [1]

D. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 3

1. Segment Description (Process/Fuel Type): Bituminous Coal Burned		
2. Source Classification Code (SCC): 1-01-002-02		3. SCC Units: Tons Burned
4. Maximum Hourly Rate: 93.4	5. Maximum Annual Rate: 818,049	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: 2.50	8. Maximum % Ash: 17.0	9. Million Btu per SCC Unit: 26
10. Segment Comment: Unit 2 can co-fire coal, natural gas, and Nos. 1 and 2 fuel oil. Field 9 value based on nominal coal heat content of 13,000 Btu/lb.		

Segment Description and Rate: Segment 2 of 3

1. Segment Description (Process/Fuel Type): Natural Gas Burned		
2. Source Classification Code (SCC): 1-01-006-01		3. SCC Units: Million Cubic Feet Burned
4. Maximum Hourly Rate: 0.57	5. Maximum Annual Rate: 4,978	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: N/A	8. Maximum % Ash: N/A	9. Million Btu per SCC Unit: 1,040
10. Segment Comment: Unit 2 can co-fire coal, natural gas, and Nos. 1 and 2 fuel oil. Field 4 maximum hourly rate based on 591 MMBtu/hr heat input and nominal natural gas heat content of 1,040 Btu/ft³.		

EMISSIONS UNIT INFORMATION

Section [1] of [1]

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

Segment Description and Rate: Segment 3 of 3

1. Segment Description (Process/Fuel Type): Distillate Fuel Oils Burned		
2. Source Classification Code (SCC): 1-01-005-01		3. SCC Units: Thousand Gallons Burned
4. Maximum Hourly Rate: 6.43	5. Maximum Annual Rate: 56,314	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: 0.05	8. Maximum % Ash: 0.05	9. Million Btu per SCC Unit: 140
10. Segment Comment: Unit 2 can co-fire coal, natural gas, and Nos. 1 and 2 fuel oil. Field 4 maximum hourly rate based on 900 MMBtu/hr heat input and nominal distillate fuel oil heat content of 140,000 Btu/gal.		

Segment Description and Rate: Segment __ of __

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

EMISSIONS UNIT INFORMATION

Section [1] of [1]

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
NOX			EL
SO2			EL
PM	010		EL

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

(Optional for unregulated emissions units.)

Complete a Subsection F1 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 operation permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1. Pollutant Emitted: NOX		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 1,700 lb/hour 5,317 tons/year		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): N/A to tons/year			
6. Emission Factor: Reference:		7. Emissions Method Code: 0	
8.a. Baseline Actual Emissions (if required): tons/year N/A		8.b. Baseline 24-month Period: N/A From: To:	
9.a. Projected Actual Emissions (if required): tons/year N/A		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years N/A	
10. Calculation of Emissions: 0.7 lb/MMBtu (NSPS Subpart D) x 2,428 MMBtu/hr = 1,700 lb/hr 0.5 lb/MMBtu (Phase II annual average) x 2,428 MMBtu/hr = 1,214 lb/hr [(1,214 lb/hr x 8,760 hr/yr) / 2,000 lb/ton] = 5,317 tons/yr			
11. Potential, Fugitive, and Actual Emissions Comment:			

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

Complete Subsection F2 if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions 1 of 3

1. Basis for Allowable Emissions Code: RULE	2. Future Effective Date of Allowable Emissions: N/A
3. Allowable Emissions and Units: 0.7 lb/MMBtu	4. Equivalent Allowable Emissions: 1,700 lb/hour 5,317 tons/year
5. Method of Compliance: Annual stack test using EPA Reference Methods 7, 7A, 7C, 7D, &E, or CEMS	
6. Allowable Emissions Comment (Description of Operating Method): 40 CFR Part 60, Subpart D, 60.44(a)(3) – Solid Fuels Title V Permit No. 00100006-003-AV, Condition B.7(a)(3) Annual emissions are limited by Phase II NOx Compliance Plan (0.5 lb/MMBtu ann. avg.) Allowable emissions are prorated when different fuels are burned simultaneously.	

Allowable Emissions Allowable Emissions 2 of 3

1. Basis for Allowable Emissions Code: RULE	2. Future Effective Date of Allowable Emissions: N/A
3. Allowable Emissions and Units: 0.3 lb/MMBtu	4. Equivalent Allowable Emissions: 728 lb/hour 3,190 tons/year
5. Method of Compliance: Annual stack test using EPA Reference Methods 7, 7A, 7C, 7D, &E, or CEMS	
6. Allowable Emissions Comment (Description of Operating Method): 40 CFR Part 60, Subpart D, 60.44(a)(2) – Liquid Fuels Title V Permit No. 00100006-003-AV, Condition B.7(a)(2) Allowable emissions are prorated when different fuels are burned simultaneously.	

Allowable Emissions Allowable Emissions 3 of 3

1. Basis for Allowable Emissions Code: RULE	2. Future Effective Date of Allowable Emissions: N/A
3. Allowable Emissions and Units: 0.2 lb/MMBtu	4. Equivalent Allowable Emissions: 486 lb/hour 2,127 tons/year
5. Method of Compliance: Annual stack test using EPA Reference Methods 7, 7A, 7C, 7D, &E, or CEMS	

6. Allowable Emissions Comment (Description of Operating Method):

40 CFR Part 60, Subpart D, 60.44(a)(1) – Gaseous Fuels

Title V Permit No. 00100006-003-AV, Condition B.7(a)(1)

Allowable emissions are prorated when different fuels are burned simultaneously.

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

Complete a Subsection F1 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 operation permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1. Pollutant Emitted: SO2		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 2,914 lb/hour 12,762 tons/year		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): N/A to tons/year			
6. Emission Factor: Reference:		7. Emissions Method Code: 0	
8.a. Baseline Actual Emissions (if required): tons/year N/A		8.b. Baseline 24-month Period: N/A From: To:	
9.a. Projected Actual Emissions (if required): tons/year N/A		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years N/A	
10. Calculation of Emissions: 1.2 lb/MMBtu (NSPS Subpart D) x 2,428 MMBtu/hr = 2,913.6 lb/hr [(2,913.6 lb/hr x 8,760 hr/yr) / 2,000 lb/ton] = 12,762 tons/yr			
11. Potential, Fugitive, and Actual Emissions Comment:			

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

Complete Subsection F2 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	2. Future Effective Date of Allowable Emissions: N/A
3. Allowable Emissions and Units: 1.2 lb/MMBtu	4. Equivalent Allowable Emissions: 2,914 lb/hour 12,762 tons/year
5. Method of Compliance: Annual stack test using EPA Reference Methods 6, 6A, 6B, 6C or CEMS	
6. Allowable Emissions Comment (Description of Operating Method): 40 CFR Part 60, Subpart D, 60.43(a)(2) – Solid Fuels Title V Permit No. 00100006-003-AV, Condition B.5(a)(2) Allowable emissions are prorated when different fuels are burned simultaneously.	

Allowable Emissions Allowable Emissions 2 of 2

1. Basis for Allowable Emissions Code: RULE	2. Future Effective Date of Allowable Emissions: N/A
3. Allowable Emissions and Units: 0.8 lb/MMBtu	4. Equivalent Allowable Emissions: 1,942 lb/hour 8,508 tons/year
5. Method of Compliance: Annual stack test using EPA Reference Methods 6, 6A, 6B, 6C or CEMS	
6. Allowable Emissions Comment (Description of Operating Method): 40 CFR Part 60, Subpart D, 60.43(a)(1) – Liquid Fuels Title V Permit No. 00100006-003-AV, Condition B.5(a)(1) Allowable emissions are prorated when different fuels are burned simultaneously.	

Allowable Emissions Allowable Emissions of

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	

6. Allowable Emissions Comment (Description of Operating Method):

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

Complete a Subsection F1 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 operation permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1. Pollutant Emitted: PM		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 243 lb/hour 1,064 tons/year		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): N/A to tons/year			
6. Emission Factor: Reference:		7. Emissions Method Code: 0	
8.a. Baseline Actual Emissions (if required): tons/year N/A		8.b. Baseline 24-month Period: N/A From: To:	
9.a. Projected Actual Emissions (if required): tons/year N/A		9.b. Projected Monitoring Period: <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years N/A	
10. Calculation of Emissions: 0.1 lb/MMBtu (NSPS Subpart D) x 2,428 MMBtu/hr = 242.8 lb/hr [(242.8 lb/hr x 8,760 hr/yr) / 2,000 lb/ton] = 1,064 tons/yr			
11. Potential, Fugitive, and Actual Emissions Comment:			

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

Complete Subsection F2 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: RULE	2. Future Effective Date of Allowable Emissions: N/A
3. Allowable Emissions and Units: 0.1 lb/MMBtu	4. Equivalent Allowable Emissions: 243 lb/hour 1,064 tons/year
5. Method of Compliance: Annual stack test using EPA Reference Methods 5 or 17.	
6. Allowable Emissions Comment (Description of Operating Method): 40 CFR Part 60, Subpart D, 60.42(a)(1) Title V Permit No. 00100006-003-AV, Condition B.4(a)(1)	

Allowable Emissions Allowable Emissions of

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

Allowable Emissions Allowable Emissions of

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

EMISSIONS UNIT INFORMATION

Section [1] of [1]

G. VISIBLE EMISSIONS INFORMATION

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

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE20	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: 20 % Exceptional Conditions: 27 % Maximum Period of Excess Opacity Allowed: 6 min/hour	
4. Method of Compliance: EPA Reference Method 9 or COMS	
5. Visible Emissions Comment: 40 CFR Part 60, Subpart D, 60.42(a)(2). Title V Permit 0010006-003-AV, Condition B.4.(a)(2). Opacity standards do not apply during startup, shutdown, and malfunction per 40 CFR Part 60, Subpart A, 60.11(c).	

Visible Emissions Limitation: Visible Emissions Limitation of

1. Visible Emissions Subtype:	2. Basis for Allowable Opacity: <input 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:	

EMISSIONS UNIT INFORMATION

Section [1] of [1]

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: VE	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Spectrum Model Number: Spectrum 41 Serial Number: 0347-8005	
5. Installation Date: 10/21/2004	6. Performance Specification Test Date: 12/17/2004
7. Continuous Monitor Comment: 40 CFR Part 75.10(a)(4), 40 CFR Part 75.14(a), and 40 CFR Part 60.45(a).	

Continuous Monitoring System: Continuous Monitor 2 of 5

1. Parameter Code: CO2	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Siemens Model Number: Ultramat 6E Serial Number: N1-S8-0790	
5. Installation Date: 10/21/2004	6. Performance Specification Test Date: 12/16/2004
7. Continuous Monitor Comment: 40 CFR Part 75.10(a)(3)(i), 40 CFR Part 75.13(a), and 40 CFR Part 60.45(a).	

EMISSIONS UNIT INFORMATION

Section [1] of [1]

H. CONTINUOUS MONITOR INFORMATION (CONTINUED)

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

Continuous Monitoring System: Continuous Monitor 3 of 5

1. Parameter Code: FLOW	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Monitor Labs Model Number: Ultra Flow 150 Serial Number: 1500232	
5. Installation Date: 10/21/2004	6. Performance Specification Test Date: 12/16/2004
7. Continuous Monitor Comment: 40 CFR Part 75.10(a)(1 and 40 CFR Part 75.11(a).	

Continuous Monitoring System: Continuous Monitor 4 of 5

1. Parameter Code: EM	2. Pollutant(s): NOX
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Thermo-Environmental Instruments, Inc. Model Number: 42C Serial Number: 0427508531	
5. Installation Date: 10/21/2004	6. Performance Specification Test Date: 12/16/2004
7. Continuous Monitor Comment: 40 CFR Part 75.10(a)(2), 40 CFR Part 75.12(a) and (b), and 40 CFR Part 60.45(a).	

EMISSIONS UNIT INFORMATION

Section [1] of [1]

H. CONTINUOUS MONITOR INFORMATION (CONTINUED)

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

Continuous Monitoring System: Continuous Monitor 5 of 5

1. Parameter Code: EM	2. Pollutant(s): SO2
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Thermo-Environmental Instruments, Inc. Model Number: 43C Serial Number: 0425408089	
5. Installation Date: 10/21/2004	6. Performance Specification Test Date: 12/16/2004
7. Continuous Monitor Comment: 40 CFR Part 75.10(a)(1), 40 CFR Part 75.11(a) and (g), and 40 CFR Part 60.45(a).	

Continuous Monitoring System: Continuous Monitor of

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment:	

EMISSIONS UNIT INFORMATION

Section [1] of [1]

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"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: June 2004
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"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: June 2004
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"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: June 2004
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 type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: June 2004 <input type="checkbox"/> Not Applicable (construction application)
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"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date _____ <input checked="" type="checkbox"/> Not Applicable
6. Compliance Demonstration Reports/Records: <input type="checkbox"/> Attached, Document ID: _____ Test Date(s)/Pollutant(s) Tested: _____ <input type="checkbox"/> Previously Submitted, Date: _____ Test Date(s)/Pollutant(s) Tested: _____ <input type="checkbox"/> To be Submitted, Date (if known): _____ Test Date(s)/Pollutant(s) Tested: _____ <input checked="" type="checkbox"/> Not Applicable 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"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS UNIT INFORMATION

Section [1] of [1]

I. EMISSIONS UNIT ADDITIONAL INFORMATION (CONTINUED)

Additional Requirements for Air Construction Permit Applications NOT APPLICABLE

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)): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
2. Good Engineering Practice Stack Height Analysis (Rules 62-212.400(4)(d) and 62-212.500(4)(f), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
3. Description of Stack Sampling Facilities: (Required for proposed new stack sampling facilities only) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

Additional Requirements for Title V Air Operation Permit Applications

See Additional Requirements Comment below.

1. Identification of Applicable Requirements: <input type="checkbox"/> Attached, Document ID: _____
2. Compliance Assurance Monitoring: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
3. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
4. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Requirements Comment

<p>Information regarding Title V Air Operation Permit Applications Items 1 – 3 above was previously submitted – see June 2004 Title V Renewal Application.</p> <p>See Introduction regarding applicable excess emission requirements.</p>
