



Jamie Hunter
Lead Environmental Specialist
Environmental Services & Strategy

June 15, 2012

Mr. Jon Holtom, P.E.
Title V Administrator
Florida Department of Environmental Protection
Bureau of Air Regulation
2600 Blair Stone Road, MS#5505
Tallahassee, Florida 32399-2400

RECEIVED
JUN 18 2012
DIVISION OF AIR
RESOURCE MANAGEMENT

RE: Progress Energy Florida – Crystal River Power Plant Units 1&2
BART Implementation Plan for Crystal River Power Plant Units 1&2
Facility ID No. 0170004

Project No. : 0170004-036-AC

Dear Mr. Holtom:

Enclosed please find the BART implementation plan for Crystal River Units 1&2.

If you have any questions regarding these documents please contact Jamie Hunter at (727) 820-5764 or at John.Hunter@PGNmail.com.

Sincerely,

A handwritten signature in cursive script that reads "Jamie Hunter".

Jamie Hunter
Lead Environmental Specialist
Environmental Services & Strategy

RECEIVED

JUN 18 2012

DIVISION OF AIR
RESOURCE MANAGEMENT

BART IMPLEMENTATION PLAN FOR CRYSTAL RIVER POWER PLANT UNITS 1 AND 2

Progress Energy Florida, Inc.

REPORT

Prepared For: Progress Energy Florida, Inc.
Environmental Services Section
299 First Avenue North, PEB PEF-903
St. Petersburg, FL 33701

Submitted By: Golder Associates Inc.
5100 West Lemon Street
Suite 208
Tampa, FL 33609 USA

Distribution: 4 Copies – Florida Department of Environmental Protection
1 Copy – PEF
1 Copy – Golder Associates Inc.

June 2012

123-89547

**A world of
capabilities
delivered locally**





Table of Contents

| | | |
|-----|----------------------------------------------|---|
| 1.0 | BACKGROUND | 1 |
| 2.0 | CRYSTAL RIVER BART IMPLEMENTATION PLAN | 3 |

ATTACHMENT A – Application for Air Permit – Long Form – FDEP Form No. 62-210.900(1)



1.0 BACKGROUND

The 1977 Clean Air Act Amendments established a national goal of “preventing future, and remedying existing, visibility impairment” in 156 national parks and wilderness areas referred to as “mandatory Class I Federal areas.” In response to this congressional mandate, the U.S. Environmental Protection Agency (EPA) promulgated its Regional Haze Rule (RHR) on July 1, 1999, codified at 40 CFR 51.300, et seq. 64 Fed. Reg. 35714. The RHR set a long-term ultimate goal of returning visibility in the Class I areas to “natural conditions” by the year 2064. A key component of the RHR was a requirement for certain existing emission sources (i.e., those determined to cause or contribute to visibility impairment in the mandatory Class I areas) to install Best Available Retrofit Technology (BART). BART determinations are made according to EPA guidelines promulgated in July 2005 (70 Fed. Reg. 39104).

BART determinations consist of three basic components: (1) an identification of all BART-eligible sources; (2) an assessment of whether those BART-eligible sources are in fact subject to BART; and (3) a determination of any BART controls.

A source is BART-eligible if it has the potential to emit 250 tons or more of a visibility-impairing air pollutant, was placed into operation between August 7, 1962 and August 7, 1977, and is included within one of 26 specifically listed source categories. Units 1 and 2 at Progress Energy Florida’s (PEF’s) Crystal River Power Plant meet these criteria and thus are BART-eligible sources subject to this rule.

BART-eligible sources are subject to BART if they are reasonably anticipated to cause or contribute to any visibility impairment in any Class I area. Thus, a BART-eligible source may be exempt from BART if modeling demonstrates that the source’s sulfur dioxide (SO₂), nitrogen oxide (NO_x) and particulate matter (PM) emissions do not contribute to visibility impairment in any Class I area.

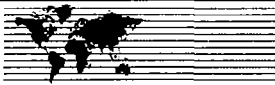
A BART determination analysis for PM emissions from the BART-eligible emissions units (i.e., Unit Nos. 1 and 2) at the Crystal River Power Plant was previously submitted to the Florida Department of Environmental Protection (FDEP) in 2007. The visibility assessment only evaluated impacts from PM because Crystal River is subject to EPA’s Clean Air Interstate Rule (CAIR) for SO₂ and NO_x, which EPA determined was “better-than-BART,” alleviating the need to include SO₂ and NO_x in BART exemption modeling for PM. A BART permit was issued on February 25, 2009 (permit No. 0170004-017-AC), which imposed a revised allowable PM emission limit. Specifically, PM emissions from Unit Nos. 1 and 2 combined are not to exceed 0.04 lb/mmBtu on a weighted average basis of the total heat input during steady state operations and 0.12 lb/mmBtu on a weighted average basis of the total heat input (not to exceed 3 hours in any 24-hour period) during steady state operations. Compliance with these revised standards is to be demonstrated no later than December 31, 2013. Further, the permit assumes that Unit Nos. 1 and 2 will cease to be operated as coal-fired units by December 31, 2020. The permit requires Progress Energy Florida to notify the Department of any developments that would delay the shutdown (or repowering) of Unit Nos. 1 and 2 beyond this date.



In 2008, CAIR was remanded by the U. S. Circuit Court for the District of Columbia and, in response, on July 6, 2011, EPA issued CAIR's successor, the Cross-State Air Pollution Rule (CSAPR). On December 30, 2011, the court stayed CSAPR, however, leaving CAIR in effect pending judicial review of CSAPR. A decision on CSAPR is expected this Summer.

This circumstance results in some uncertainty for RHR purposes because while EPA issued a final determination that – like CAIR – CSAPR is better-than-BART, CSAPR applies differently in Florida; only regulating ozone-season NO_x and not annual NO_x or SO_2 . As a result, if CSAPR is upheld as is, a BART analysis may be necessary for SO_2 and PM emissions. In light of this uncertainty, FDEP has requested a BART analysis for SO_2 , NO_x and PM emissions from Crystal River Units 1 and 2.

Accordingly, this application is made in a cooperative effort to address RHR implementation issues resulting from recent regulatory developments related to EPA's CAIR and its successor, CSAPR. Depending on the court's decision on CSAPR, Progress Energy Florida may revisit, revise or withdraw this analysis and application.



2.0 CRYSTAL RIVER BART IMPLEMENTATION PLAN

BART-eligible sources determined to be subject to BART must conduct a five-factor analysis to determine required controls unless it is demonstrated that the source: (1) is subject to a better-than-BART alternative pursuant to 40 CFR 51.308(e)(2)-(3); or, (2) already has top-level controls in use.

The Crystal River Power Plant BART Implementation Plan includes the following components:

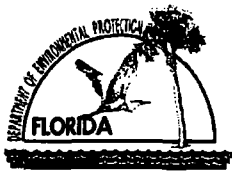
- Progress Energy Florida will complete a BART five-factor analysis for Crystal River Unit Nos. 1 and 2 relative to visibility impairment at the Class I areas within 300 km of the plant, including:

- Saint Marks National Wilderness Area (NWA) - 174 km
- Chassahowitzka NWA - 21 km
- Wolf Island NWA - 293 km
- Okefenokee NWA - 178 km

The analysis will include cost, remaining useful life and visibility improvement factors focusing on maximum level control-technology for SO₂, NO_x and PM.

- Progress Energy Florida will make a final decision by January 1, 2015 or within 2 years of EPA's final approval of Florida's final Regional Haze SIP, whichever is later, on the Crystal River BART Implementation Plan which includes, at a minimum, either the installation of BART control equipment or commitment to a unit-specific retirement date in order to meet BART requirements or taking a permit limit sufficient to exempt out of BART. To implement this decision, Progress Energy Florida is applying for a Florida Air Construction Permit for Crystal River Units 1 and 2 to:
 - Install and operate a SO₂ Flue Gas Desulfurization (FGD) scrubber system before January 1, 2018 or within 5 years of EPA's final approval of Florida's final Regional Haze SIP, whichever is later. This system will be designed to meet either 95 percent removal efficiency of SO₂ from Crystal River Units 1 and 2 or an emission rate limit of 0.15 lb/mmBtu (presumptive BART) from Crystal River Units 1 and 2; or
 - Commit to retire the operations of Crystal River Units 1 and 2 by December 31, 2020 based upon a "remaining useful life" cost-effectiveness evaluation; or
 - Agree to a permit limit for SO₂ by January 1, 2018 or within 5 years of EPA's final approval of Florida's final Regional Haze SIP, whichever is later, at a level sufficient to exempt out of BART or meet other control options identified in the BART five-factor analysis.
- Progress Energy Florida will request that such conditions be included in a federally enforceable air construction permit and incorporated into the Crystal River Title V Permit as a specific operating condition.

ATTACHMENT A
APPLICATION FOR AIR PERMIT—LONG FORM
DEP FORM NO. 62-210.900(1)



Department of Environmental Protection

Division of Air Resource Management APPLICATION FOR AIR PERMIT - LONG FORM

RECEIVED
JUN 18 2012

DIVISION OF AIR
RESOURCE MANAGEMENT

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: FLORIDA POWER CORPORATION DBA PROGRESS ENERGY, INC. | |
| 2. Site Name: CRYSTAL RIVER POWER PLANT | |
| 3. Facility Identification Number: 0170004 | |
| 4. Facility Location... Street Address or Other Locator: NORTH OF CRYSTAL RIVER, WEST OF U.S. 19 City: CRYSTAL RIVER County: CITRUS Zip Code: 34428 | |
| 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: JAMIE HUNTER, LEAD ENVIRONMENTAL SPECIALIST | |
| 2. Application Contact Mailing Address... Organization/Firm: PROGRESS ENERGY FLORIDA Street Address: 299 FIRST AVENUE, NORTH, PEF 903 City: ST. PETERSBURG State: FL Zip Code: 33701 | |
| 3. Application Contact Telephone Numbers... Telephone: (727) 820-5764 ext. Fax: (727) 820-5292 | |
| 4. Application Contact E-mail Address: John.Hunter@PGNmail.com | |

Application Processing Information (DEP Use)

| | |
|------------------------------------------------------|-----------------------------------|
| 1. Date of Receipt of Application: 06-18-2012 | 3. PSD Number (if applicable): |
| 2. Project Number(s): 0170004-036-AC | 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

Florida Power Corporation, doing business as Progress Energy Florida, Inc. (PEF), has conducted a five-factor best available retrofit technology (BART) determination analysis for the Crystal River Power Plant. As part of this analysis, PEF has developed a BART Implementation Plan which includes the installation of BART control equipment or commitment to a unit specific retirement date in order to meet BART requirements or taking a permit limit sufficient to exempt out of BART. PEF is applying for an Air Construction Permit for Crystal River Units 1 and 2 in order to implement the options included in the BART Implementation Plan.

APPLICATION INFORMATION

Scope of Application

| Emissions Unit ID Number | Description of Emissions Unit | Air Permit Type | Air Permit Processing Fee |
|--------------------------|-------------------------------------------|-----------------|---------------------------|
| 001 | Unit 1 Fossil Fuel Steam Generator (FFSG) | AC1F | NA |
| 002 | Unit 2 FFSG | AC1F | NA |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

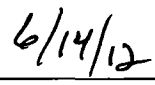
Application Processing Fee

Check one: ☐ Attached - Amount: _____ ☒ Not Applicable

APPLICATION INFORMATION

Owner/Authorized Representative Statement

Complete if applying for an air construction permit or an initial FESOP.

| |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Owner/Authorized Representative Name : ROBBY ODOM, PLANT MANAGER |
| 2. Owner/Authorized Representative Mailing Address... Organization/Firm: PROGRESS ENERGY FLORIDA Street Address: 299 FIRST AVENUE, NORTH, CN77 City: ST PETERSBURG State: FLORIDA Zip Code: 33701 |
| 3. Owner/Authorized Representative Telephone Numbers... Telephone: (352) 501-5682 ext. Fax: (352) 501-5787 |
| 4. Owner/Authorized Representative E-mail Address: ROBBY.ODOM@PGNMAIL.COM |
| 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> <div style="display: flex; justify-content: space-between;"><div style="text-align: center;"> _____ Signature</div><div style="text-align: center;"> _____ Date</div></div> |

APPLICATION INFORMATION

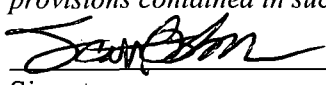
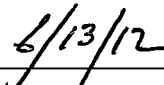
Application Responsible Official Certification

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."

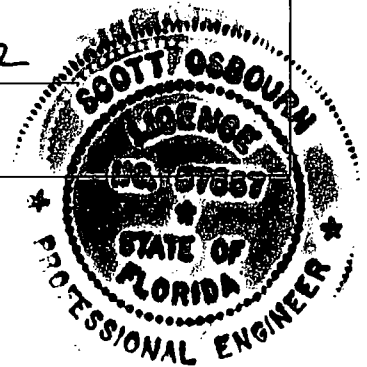
| | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 1. Application Responsible Official Name: | | |
| 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 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 or CAIR source. | | |
| 3. Application Responsible Official Mailing Address... Organization/Firm: Street Address: City: State: Zip Code: | | |
| 4. Application Responsible Official Telephone Numbers... Telephone: ext. Fax: | | |
| 5. Application Responsible Official E-mail Address: | | |
| 6. Application Responsible Official Certification: 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. _____ Signature _____ Date | | |

APPLICATION INFORMATION

Professional Engineer Certification

| |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Professional Engineer Name: Scott H. Osbourn Registration Number: 57557 |
| 2. Professional Engineer Mailing Address... Organization/Firm: Golder Associates Inc.* Street Address: 5100 West Lemon St., Suite 208 City: Tampa State: FL Zip Code: 33609 |
| 3. Professional Engineer Telephone Numbers... Telephone: (813) 287-1717 ext. 53304 Fax: (813) 287-1716 |
| 4. Professional Engineer E-mail Address: sosbourn@golder.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 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 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.</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> <div style="display: flex; justify-content: space-between;"><div>Signature  (seal)</div><div>Date </div></div> |

* Board of Professional Engineers Certificate of Authorization # 00001670



II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

| | | | |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 1. Facility UTM Coordinates... Zone 17 East (km) 334.3 North (km) 3204.5 | | 2. Facility Latitude/Longitude... Latitude (DD/MM/SS) 28/57/34 Longitude (DD/MM/SS) 82/42/01 | |
| 3. Governmental Facility Code: 0 | 4. Facility Status Code: A | 5. Facility Major Group SIC Code: 49 | 6. Facility SIC(s): 4911 |
| 7. Facility Comment : | | | |

Facility Contact

| |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Facility Contact Name: JAMIE HUNTER, LEAD ENVIRONMENTAL SPECIALIST |
| 2. Facility Contact Mailing Address... Organization/Firm: PROGRESS ENERGY FLORIDA Street Address: 299 FIRST AVENUE, NORTH, PEF 903 City: ST PETERSBURG State: FLORIDA Zip Code: 33701 |
| 3. Facility Contact Telephone Numbers: Telephone: (727) 820-5764 ext. Fax: |
| 4. Facility Contact E-mail Address: John.Hunter@PGNmail.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: |
| 2. Facility Primary Responsible Official Mailing Address... Organization/Firm: Street Address: City: State: Zip Code: |
| 3. Facility Primary Responsible Official Telephone Numbers... Telephone: () - ext. Fax: () - |
| 4. Facility Primary Responsible Official E-mail Address: |

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 Part 60) | |
| 9. <input checked="" type="checkbox"/> One or More Emissions Units Subject to Emission Guidelines (40 CFR Part 60) | |
| 10. <input checked="" 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. Pollutant Emitted | 2. Pollutant Classification | 3. Emissions Cap [Y or N]? |
|--------------------------------------------|-----------------------------|-------------------------------|
| PM/PM₁₀/PM_{2.5} | A | N |
| CO | A | N |
| VOC | A | N |
| SO₂ | A | N |
| NO_x | A | N |
| SAM | A | 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'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:

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: May 20, 2009 |
| 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: May 20, 2009 |
| 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: May 20, 2009 |

Additional Requirements for Air Construction Permit Applications

| | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable (existing permitted facility) |
| 2. | Description of Proposed Construction, Modification, or Plantwide Applicability Limit (PAL): <input checked="" type="checkbox"/> Attached, Document ID: CR-FI-C2 |
| 3. | Rule Applicability Analysis: <input type="checkbox"/> Attached, Document ID: NA |
| 4. | List of Exempt Emissions Units: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable (no exempt units at facility) |
| 5. | Fugitive Emissions Identification: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable |
| 6. | Air Quality Analysis (Rule 62-212.400(7), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable |
| 7. | Source Impact Analysis (Rule 62-212.400(5), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" 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 checked="" 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 checked="" type="checkbox"/> Not Applicable |
| 10. | Alternative Analysis Requirement (Rule 62-212.500(4)(g), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable |

C. FACILITY ADDITIONAL INFORMATION (CONTINUED)

Additional Requirements for FESOP Applications -- NA

- | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 - NA

| |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. List of Insignificant Activities: (Required for initial/renewal applications only) <input type="checkbox"/> Attached, Document ID: _____ <input 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 type="checkbox"/> Attached, Document ID: _____ <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. |
| 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 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 type="checkbox"/> Not Applicable |
| 6. Requested Changes to Current Title V Air Operation Permit: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable |

C. FACILITY ADDITIONAL INFORMATION (CONTINUED)

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

1. Acid Rain Program Forms:

Acid Rain Part Application (DEP Form No. 62-210.900(1)(a)):

- ☐ Attached, Document ID: ☒ Previously Submitted, Date: May 20, 2009
☐ Not Applicable (not an Acid Rain source)

Phase II NO_x Averaging Plan (DEP Form No. 62-210.900(1)(a)1.):

- ☐ Attached, Document ID: _____ ☒ Previously Submitted, Date: May 20, 2009
☐ Not Applicable

New Unit Exemption (DEP Form No. 62-210.900(1)(a)2.):

- ☐ Attached, Document ID: _____ ☐ Previously Submitted, Date: _____
☒ Not Applicable

2. CAIR Part (DEP Form No. 62-210.900(1)(b)):

- ☐ Attached, Document ID: ☒ Previously Submitted, Date: May 20, 2009
☐ Not Applicable (not a CAIR source)

Additional Requirements Comment

[illegible]