

Florida Department of Environmental Protection

Memorandum

TO: Trina Vielhauer, Chief
Bureau of Air Regulation

THROUGH Jeff Koerner, Air Permitting North Program *JK*

FROM: Bruce Thomas, Air Permitting North Program *BT*

DATE: November 30, 2006

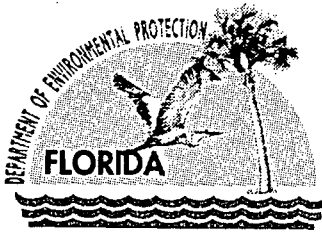
SUBJECT: Draft Air Permit No. 0310337-013-AV
Cedar Bay Cogeneration Facility
Title V Air Operation Permit Revision

Attached for your review are the following items:

- Intent to Issue Permit and Public Notice Package;
- Statement of Basis;
- Draft Permit; and
- PE Certification

The purpose of the revision is to incorporate the conditions of Permit No. 0310337-011-AC for new Absorber Dryer System No. 3 and the conditions of Permit No. 0310337-012-AC, which revised fuel firing conditions for Absorber Dryer System Nos. 1 and 2. This is a revision to Title V Air Operation Permit No. 0310337-010-AV. Day #90 is December 27th. I recommend your approval of the attached Draft Permit for this project.

Attachments



Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

August 24, 2006

Mr. Richard Grubb
General Manager
Cedar Bay Generating Company, L.P.
9640 Eastport Road
Jacksonville, Florida 32218-2260

Re: Project No. 0310337-013-AV
Cedar Bay Generating Company, L.P. - Cedar Bay Cogeneration Facility
Incorporation of Air Construction Permit 0310337-012-AC

Dear Mr. Grubb,

The Department received your application on July 13, 2006, requesting Air Construction Permit No. 0310337-012-AC be incorporated into the facility's Title V permit. Based on conversations with Jeff Walker and the City of Jacksonville, the facility has a proposed consent order with compliance plan with the City of Jacksonville's Environmental Resource Management Department. It is anticipated the consent order will be final on or around September 11, 2006, the date of the next Environmental Protection Board meeting. Until this order is issued, the application is deemed incomplete. The following information is needed to process your application:

1. Provide a signed final copy of the Consent Order with Compliance Plan issued by the City of Jacksonville's Environmental Resource Management Department to be incorporated into the Title V revision.

Permits applicants are advised that Rule 62-4.055(1), F.A.C. requires applicants to respond to requests for information within 90 days. If you have any questions regarding this request for additional information, please contact Bobby Bull at Robert.Bull@dep.state.fl.us or (850) 921-9585.

Sincerely,

Jeffery F. Koerner
North Permitting Administrator

JFK/rlb

cc: Jeff Walker, Cedar Bay
Richard Robinson, City of Jacksonville
Kennard Kosky, Golder
Christopher Kirts, DEP-NED

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Mr. Richard Grubb, General Manager

| | | |
|---|----|------------------|
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| Return Receipt Fee (Endorsement Required) | | |
| Restricted Delivery Fee (Endorsement Required) | | |
| Total Postage & Fees | \$ | |

Sent To
Mr. Richard Grubb, General Manager

Street, Apt. No.;
or PO Box No. 9640 Eastport Road

City, State, ZIP+4
Jacksonville, Florida 32218-2260

P.E. CERTIFICATION STATEMENT

PERMITTEE


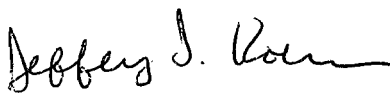
Cedar Bay Generating Company, L.P
9640 Eastport Road
Jacksonville, Florida 32218

Draft Air Permit No. 0310337-013-AV
Cedar Bay Cogeneration Facility
Revised Title V Air Operation Permit
Duval County, Florida

PROJECT DESCRIPTION

The Cedar Bay Cogeneration Facility is an existing electrical generating facility. The purpose of the revision is to incorporate the conditions of Permit No. 0310337-011-AC for new Absorber Dryer System No. 3 and the conditions of Permit No. 0310337-012-AC, which revised fuel firing conditions for Absorber Dryer System Nos. 1 and 2. This is a revision to Title V Air Operation Permit No. 0310337-010-AV.

I HEREBY CERTIFY that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including, but not limited to, the electrical, mechanical, structural, hydrological, geological, and meteorological features).



Jeffery F. Koerner, P.E.
Registration Number: 49441

Date: 12-4-06



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

December 11, 2006

Mr. Martin Kreft, General Manager
Cedar Bay Generating Company, L.P
9640 Eastport Road
Jacksonville, Florida 32218

Re: Title V Air Operation Permit Revision
DRAFT Permit No. 0310337-013-AV
Revision to Title V Air Operation Permit No. 0310337-010-AV
Cedar Bay Cogeneration Facility

Dear Mr. Kreft:

One copy of the DRAFT Permit for a Title V Air Operation Permit Revision for the Cedar Bay Cogeneration Facility located at 9640 Eastport Road, Jacksonville, Duval County, is enclosed. The permitting authority's "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION" and the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION" are also included.

An electronic version of the DRAFT Permit will be posted on the Division of Air Resource Management's World Wide Web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is:

"<http://www.dep.state.fl.us/air/eproducts/ards/default.asp>"

The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION" must be published as soon as possible. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit revision pursuant to Rule 62-110.106(11), F.A.C.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Jeffery Koerner, P.E., (850/921-9536) at the above letterhead address

Sincerely,

Trina Vielhauer,
Chief, Bureau of Air Regulation

TV/jfk/bxt

Enclosures

"More Protection, Less Process"

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In the Matter of an
Application for Permit Revision by:

Cedar Bay Generating Company, L.P.
9640 Eastport Road
Jacksonville, Florida 32218

DRAFT Permit No. 0310337-013-AV
Revision to Title V Air Operation Permit
Cedar Bay Cogeneration Facility
Duval County, Florida

INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION

The Department of Environmental Protection gives notice of its intent to issue a Title V Air Operation Permit Revision (copy of DRAFT Permit attached) for the Title V source detailed in the application specified above, for the reasons stated below. This is a revision to Title V Air Operation Permit No. 0310337-010-AV.

The applicant, Cedar Bay Generating Company, L.P., applied on July 13, 2006 to the permitting authority for a Title V Air Operation Permit Revision for Cedar Bay Cogeneration Facility located at 9640 Eastport Road in Jacksonville, Duval County, Florida. The purpose of the application is to incorporate the conditions of Permit No. 0310337-011-AC for new Absorber Dryer System No. 3 and the conditions of Permit No. 0310337-012-AC, which revised fuel firing conditions for Absorber Dryer System Nos. 1 and 2.

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V Air Operation Permit Revision is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V Air Operation Permit Revision based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION." The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Bureau of Air Regulation, Florida Department of Environmental Protection, 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114), within 7 (seven) days of publication pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication may result in the denial of the permit revision pursuant to Rule 62-110.106(11), F.A.C.

The permitting authority will issue the PROPOSED Permit, and subsequent FINAL Permit, in accordance with the conditions of the attached DRAFT Permit unless a response received in accordance

with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed permit revision issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit revision applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of how and when each petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

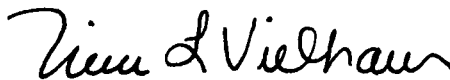
A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation will not be available in this proceeding.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any Title V permit. Any petition shall be based only on objections to the Title V permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any Title V permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION (including the PUBLIC NOTICE and the DRAFT Permit package) and all copies were sent by electronic mail (with Received Receipt requested) before the close of business on 12/13/06 to the persons listed:

- Mr. Martin Kreft, Cedar Bay (martinkreft@cogentrix.com)
- Mr. Jeffery Walker, Cedar Bay (jeffwalker@cogentrix.com)
- Mr. Kennard Kosky, Golder Associates Inc. (kkosky@golder.com)
- Mr. Gregg Worley, EPA Region 4 (worley.gregg@epamail.epa.gov)
- Mr. Chris Kirts, NED Office (kirts_c@dep.state.fl.us)
- Mr. Steve Pace, Duval County RESD (Pace@coj.net)

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT Permit) were sent by U.S. mail on the same date to the person listed:

Ms. Dot Mathias
Northside Civic Association
341 Baisden Road
Jacksonville, Florida 32218

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency Clerk, receipt of which is hereby acknowledged.

Barbara J. Sunday 12/13/06
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION

Florida Department of Environmental Protection
Bureau of Air Regulation

DRAFT Permit No.0310337-013-AV
Revision to Title V Air Operation Permit
Cedar Bay Cogeneration Facility
Duval County, Florida

The Florida Department of Environmental Protection's Bureau of Air Regulation (permitting authority) gives notice of its intent to issue a Title V Air Operation Permit Revision to Cedar Bay Generating Company, L.P. for a Title V Air Operation Permit Revision for the Cedar Bay Cogeneration Facility, which is located at 9640 Eastport Road in Jacksonville, Duval County, Florida. The applicant's name and address are: Mr. Martin Kreft, General Manager, Cedar Bay Generating Company, L.P., 9640 Eastport Road, Jacksonville, Florida 32218.

The Cedar Bay Cogeneration Facility is an existing electrical generating facility. The purpose of the application is to incorporate the conditions of Permit No. 0310337-011-AC for new Absorber Dryer System No. 3 and the conditions of Permit No. 0310337-012-AC, which revised fuel firing conditions for Absorber Dryer System Nos. 1 and 2. This is a revision to Title V Air Operation Permit No. 0310337-010-AV.

The permitting authority will issue the PROPOSED Permit, and subsequent FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Permitting Authority will accept written comments concerning the DRAFT Permit for a period of thirty (30) days from the date of publication of this Public Notice. Written comments must be post-marked and all facsimile comments must be received by the close of business (5:00 p.m.), on or before the end of this 30-day period, by the Permitting Authority at: Bureau of Air Regulation, Florida Department of Environmental Protection, 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114). As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly (<http://faw.dos.state.fl.us/>) and in a newspaper of general circulation in the area affected by the permitting action. For additional information, contact the Permitting Authority at the above address or phone number. If written comments or comments received at a public meeting result in a significant change to the DRAFT Permit, the Permitting Authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.).

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT REVISION

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner; name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination; (c) A statement of how and when the petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and, (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any Title V permit. Any petition shall be based only on objections to the Title V permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any Title V permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:

Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400
Telephone: 850/488-0114

The complete project file includes the DRAFT Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the project engineer, at the above address, or call 850/488-0114, for additional information.

STATEMENT OF BASIS

Title V Permit Project

Project: Title V Air Operation Permit Revision

DRAFT Permit No. 0310337-013-AV

Applicant: Cedar Bay Generating Company, L.P. Cedar Bay Cogeneration Facility

Facility ID No. 0310337

Location: 9649 Eastport Road in Jacksonville, Duval County, Florida

This purpose of this permit is to revise the Title V Air Operation Permit for this facility as follows:

- Incorporate the conditions of air construction permit 0310337-011-AC, which authorized construction of the new Absorber Dryer System (ADS) Unit 3. See Subsection B in Section III of the permit.
- Incorporate the conditions of air construction permit 0310337-012-AC, which revised the limitation on distillate fuel oil usage for existing Absorber Dyer System Units 1 and 2 (Emissions Units 004 and 005) until commercial operation is established for the new ADS Unit 3. ADS Units 1 and 2 will be used as backup units once construction on ADS Unit 3 is complete. See Condition B.4 in Subsection B of Section III of the permit.

Facility Description

This facility consists of three circulating fluidized bed steam generators (boilers) designated as Boilers A, B, and C, a coal handling area, a limestone handling area, and an ash handling area. Crushed coal is the primary fuel for Boilers A, B and C with approval for limited co-firing of petroleum coke. The fuel for Boilers B and C can also be supplemented with short fiber recycle rejects received from Stone Container Corporation. No. 2 fuel oil is used as supplemental fuel in all three boilers normally only for start-ups. CAM does apply.

All three boilers began commercial operation January 25, 1994. Particulate matter emissions from each boiler are controlled by separate baghouses. NO_x emissions from all units are controlled by selective non-catalytic reduction (SNCR). SO₂ emissions are controlled by limestone injection on the fluidized bed of each boiler. The three boilers share a common stack.

Title III: The facility is a major source of hazardous air pollutants (HAPs).

Title V: The facility is a Title V major source in accordance with Chapter 62-213, F.A.C.

PSD: The facility is a PSD-major facility pursuant to Rule 62-212.400, F.A.C.

PPSC: The facility is not subject to power plant site certification.

NSPS: The boilers are regulated under 40 CFR 60, Subpart Da, Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978. The limestone grinding operation is subject to the New Source Performance Standards for stationary nonmetallic mineral processing plants in Subpart OOO of 40 CFR 60.

Conclusion

Based on reasonable assurances of compliance provided by the applicant and the Responsible Official's certification of compliance, the Department will issue this revised Title V Air Operation Permit under the provisions of Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-213 and 62-214 of the Florida Administrative Code (F.A.C.). The permit authorizes operation of the facility shown on the application and approved drawings, plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Table 1-1, Summary of Air Pollutant Standards and Terms

Cedar Bay Generating Company, L. P.
Cedar Bay Cogeneration Facility

Permit No. 0310337-013-AV
Facility ID No. 0310337

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of the permit.

| E. U. ID No. | Brief Description | Pollutant Name | Fuel(s) | Hours/Year | Allowable Emissions | | | Equivalent Emissions* | | Regulatory Citation(s) | See Permit Condition(s) |
|-----------------|--|-------------------------------------|--------------------------------|------------|---|-----------|-------|-----------------------|------|------------------------|-------------------------|
| | | | | | Standard(s) | lbs./hour | TPY | lbs./hour | TPY | | |
| -002 | Boiler B Circulating Fluidized Bed Boiler (1063 MMBtu/hour-Coal) (380 MMBtu/hour-Oil) | VE | Coal/Petcoke | 8760 | 20%; 27% - 1 six min. period/hr. | | | N/A | N/A | PSD-FL-137(A) | A.6. |
| | | | Fuel Oil | 8760 | 20%; 27% - 1 six min. period/hr. | | | N/A | N/A | PSD-FL-137(A) | A.6. |
| | | PM | Coal/Petcoke | 8760 | 0.018 lb/MMBtu | 19.1 | 78.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | PM ₁₀ | Coal/Petcoke | 8760 | 0.018 lb/MMBtu | 19.1 | 78.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | CO ¹ | Coal/Petcoke | 8760 | 0.175 lb/MMBtu | 186.0 | 758.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | NO _x ² | Coal/Petcoke | 8760 | 0.17 lb/MMBtu | 180.7 | 736.1 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | SO ₂ ³ | Coal/Petcoke | 8760 | 0.24 lb/MMBtu | 255.1 | N/A | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | SO ₂ ⁴ | Coal/Petcoke | 8760 | 0.20 lb/MMBtu | N/A | 866.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | % Sulfur | Coal | 8760 | 1.2% annually, 1.7% on a shipment basis max. 3.2 lb/MMBtu input to CFB max. sulfur content 0.05 %, by wt. | | | | | PSD-FL-137(A) | A.7. |
| | | | Coal/Petcoke | 8760 | | | | | | | |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | VOC | Coal/Petcoke | 8760 | 0.015 lb/MMBtu | 16.0 | 65.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | H ₂ SO ₄ mist | Coal/Petcoke | 8760 | 4.66*10 ⁻⁴ lb/MMBtu | 0.5 | 2.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| Fuel Oil | 8760 | | | | | | | | | | |
| Fl | Coal/Petcoke | 8760 | 7.44*10 ⁻⁴ lb/MMBtu | 0.79 | 3.2 | N/A | N/A | PSD-FL-137(A), BACT | A.5. | | |
| | Fuel Oil | 8760 | | | | | | | | | |
| Pb | Coal/Petcoke | 8760 | 6.03*10 ⁻⁵ lb/MMBtu | 0.06 | 0.26 | N/A | N/A | PSD-FL-137(A), BACT | A.5. | | |
| | Fuel Oil | 8760 | | | | | | | | | |
| Hg | Coal/Petcoke | 8760 | 2.89*10 ⁻⁵ lb/MMBtu | 0.03 | 0.13 | N/A | N/A | PSD-FL-137(A), BACT | A.5. | | |
| | Fuel Oil | 8760 | | | | | | | | | |
| Be | Coal/Petcoke | 8760 | 8.70*10 ⁻⁶ lb/MMBtu | 0.01 | 0.04 | N/A | N/A | PSD-FL-137(A), BACT | A.5. | | |
| | Fuel Oil | 8760 | | | | | | | | | |
| NH ₃ | Coal/Petcoke | 8760 | 10 ppmvd @ 100% capacity | | | | | PSD-FL-137(A) | A.8. | | |
| | Fuel Oil | 8760 | 30 ppmvd | | | | | | | | |

Table 1-1, Summary of Air Pollutant Standards and Terms

Cedar Bay Generating Company, L. P.
Cedar Bay Cogeneration Facility

Permit No. 0310337-013-AV

Facility ID No. 0310337

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of the permit.

| E. U. ID No. | Brief Description | Pollutant Name | Fuel(s) | Hours/Year | Allowable Emissions | | | Equivalent Emissions* | | Regulatory Citation(s) | See Permit Condition(s) |
|-----------------|--|-------------------------------------|--------------------------------|------------|---|-----------|-------|-----------------------|------|------------------------|-------------------------|
| | | | | | Standard(s) | lbs./hour | TPY | lbs./hour | TPY | | |
| -003 | Boiler C Circulating Fluidized Bed Boiler (1063 MMBtu/hour-Coal) (380 MMBtu/hour-Oil) | VE | Coal/Petcoke | 8760 | 20%; 27% - 1 six min. period/hr. | | | N/A | N/A | PSD-FL-137(A) | A.6. |
| | | | Fuel Oil | 8760 | 20%; 27% - 1 six min. period/hr. | | | N/A | N/A | PSD-FL-137(A) | A.6. |
| | | PM | Coal/Petcoke | 8760 | 0.018 lb/MMBtu | 19.1 | 78.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | PM ₁₀ | Coal/Petcoke | 8760 | 0.018 lb/MMBtu | 19.1 | 78.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | CO ¹ | Coal/Petcoke | 8760 | 0.175 lb/MMBtu | 186.0 | 758.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | NO _x ² | Coal/Petcoke | 8760 | 0.17 lb/MMBtu | 180.7 | 736.1 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | SO ₂ ³ | Coal/Petcoke | 8760 | 0.24 lb/MMBtu | 255.1 | N/A | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | SO ₂ ⁴ | Coal/Petcoke | 8760 | 0.20 lb/MMBtu | N/A | 866.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | % Sulfur | Coal | 8760 | 1.2% annually, 1.7% on a shipment basis max. 3.2 lb/MMBtu input to CFB max. sulfur content 0.05 %, by wt. | | | | | PSD-FL-137(A) | A.7. |
| | | | Coal/Petcoke | 8760 | | | | | | | |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | VOC | Coal/Petcoke | 8760 | 0.015 lb/MMBtu | 16.0 | 65.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| | | | Fuel Oil | 8760 | | | | | | | |
| | | H ₂ SO ₄ mist | Coal/Petcoke | 8760 | 4.66*10 ⁻⁴ lb/MMBtu | 0.5 | 2.0 | N/A | N/A | PSD-FL-137(A), BACT | A.5. |
| Fuel Oil | 8760 | | | | | | | | | | |
| Fl | Coal/Petcoke | 8760 | 7.44*10 ⁻⁴ lb/MMBtu | 0.79 | 3.2 | N/A | N/A | PSD-FL-137(A), BACT | A.5. | | |
| | Fuel Oil | 8760 | | | | | | | | | |
| Pb | Coal/Petcoke | 8760 | 6.03*10 ⁻⁵ lb/MMBtu | 0.06 | 0.26 | N/A | N/A | PSD-FL-137(A), BACT | A.5. | | |
| | Fuel Oil | 8760 | | | | | | | | | |
| Hg | Coal/Petcoke | 8760 | 2.89*10 ⁻⁵ lb/MMBtu | 0.03 | 0.13 | N/A | N/A | PSD-FL-137(A), BACT | A.5. | | |
| | Fuel Oil | 8760 | | | | | | | | | |
| Be | Coal/Petcoke | 8760 | 8.70*10 ⁻⁶ lb/MMBtu | 0.01 | 0.04 | N/A | N/A | PSD-FL-137(A), BACT | A.5. | | |
| | Fuel Oil | 8760 | | | | | | | | | |
| NH ₃ | Coal/Petcoke | 8760 | 10 ppmvd @ 100% capacity | | | | | PSD-FL-137(A) | A.8. | | |
| | Fuel Oil | 8760 | 30 ppmvd | | | | | | | | |

Table 1-1, Summary of Air Pollutant Standards and Terms

Cedar Bay Generating Company, L. P.
Cedar Bay Cogeneration Facility

Permit No. 0310337-013-AV
Facility ID No. 0310337

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of the permit.

| E. U. ID No | Brief Description | Pollutant Name | Fuel(s) | Hours/Year | Allowable Emissions | | | Equivalent Emissions* | | Regulatory Citation(s) | See Permit Condition(s) |
|-------------|---------------------------------|----------------|----------|------------|------------------------------------|-----------|-----|-----------------------|-------|------------------------|-------------------------|
| | | | | | Standard(s) | lbs./hour | TPY | lbs./hour | TPY | | |
| -004 | ADS Train - 1 | VE | Fuel Oil | 8030 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8030 | 0.003 gr/dscf | | | 1.1 | 2.2 | PSD-FL-137(A,B & C) | B.5. |
| | | % Sulfur | | 8030 | max. sulfur content 0.05 %, by wt. | | | | | PSD-FL-137(A) | B.7. |
| -005 | ADS Train - 2 | VE | Fuel Oil | 8030 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8030 | 0.003 gr/dscf | | | 1.1 | 2.2 | PSD-FL-137(A,B & C) | B.5. |
| | | % Sulfur | | 8030 | max. sulfur content 0.05 %, by wt. | | | | | PSD-FL-137(A) | B.7. |
| -034 | ADS Train - 3 | VE | Fuel Oil | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.45 | 1.97 | PSD-FL-137(A,B & C) | B.5. |
| | | % Sulfur | | 8760 | max. sulfur content 0.05 %, by wt. | | | | | PSD-FL-137(A) | B.7. |
| -006 | Coal Crusher Building | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | C.5. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.11 | 0.47 | PSD-FL-137(A,B & C) | C.4. |
| -007 | Coal Silo Conveyor | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | C.5. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.57 | 2.51 | PSD-FL-137(A,B & C) | C.4. |
| -009 | ADS Storage Bin | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.16 | 0.71 | PSD-FL-137(A,B & C) | B.5. |
| -025 | ADS Storage Bin | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.17 | 0.75 | PSD-FL-137(A,B & C) | B.5. |
| -010 | Bed Ash Hopper | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.016 | 0.071 | PSD-FL-137(A,B & C) | B.5. |
| -011 | Bed Ash Separator/Collector | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.1 | 0.46 | PSD-FL-137(A,B & C) | B.5. |
| -012 | Fly Ash Separator/Collector 1 | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.12 | 0.53 | PSD-FL-137(A,B & C) | B.5. |
| -013 | Pelletizer Bed Ash Receiver Bin | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.095 | 0.42 | PSD-FL-137(A,B & C) | B.5. |
| -014 | Pelletizer Fly Ash Receiver Bin | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.11 | 0.47 | PSD-FL-137(A,B & C) | B.5. |
| -015 | Pellet Vibratory Screen | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |

Table 1-1, Summary of Air Pollutant Standards and Terms

Cedar Bay Generating Company, L. P.

Permit No. 0310337-013-AV

Cedar Bay Cogeneration Facility

Facility ID No. 0310337

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of the permit.

| E. U. ID No | Brief Description | Pollutant Name | Fuel(s) | Hours/Year | Allowable Emissions | | | Equivalent Emissions* | | Regulatory Citation(s) | See Permit Condition(s) |
|-------------|-----------------------------------|----------------|---------|------------|---------------------|-----------|-----|-----------------------|-------|------------------------|-------------------------|
| | | | | | Standard(s) | lbs./hour | TPY | lbs./hour | TPY | | |
| | Screen Hopper/Feed Hopper | PM | | 8760 | 0.003 gr/dscf | | | 0.34 | 1.5 | PSD-FL-137(A,B & C) | B.5. |
| -016 | Pelletizing Ash Recycle Tank | VE | | 8760 | shall not exceed 5% | | | | | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.03 | 0.12 | PSD-FL-137(A,B & C) | B.5. |
| -017 | Pelletizing Recycle Hopper | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.0054 | 0.024 | PSD-FL-137(A,B & C) | B.5. |
| -018 | Cured Pellet Silos Discharge Belt | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.048 | 0.21 | PSD-FL-137(A,B & C) | B.5. |
| -019 | Pellet Recycle Conveyor | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.04 | 0.18 | PSD-FL-137(A,B & C) | B.5. |
| -020 | Coal Car Unloading | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | C.5. |
| | | PM | | 8760 | 0.003 gr/dscf | | | | | PSD-FL-137(A,B & C) | C.4. |
| -021 | Ash Pellet Hydrator | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.01 gr/dscf | | | 1.3 | 5.5 | PSD-FL-137(A,B & C) | B.5. |
| -022 | Ash Pellet Curing Silo | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.01 gr/dscf | | | 0.5 | 2.2 | PSD-FL-137(A,B & C) | B.5. |
| -023 | Ash Pelletizing Pan | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.01 gr/dscf | | | 1.2 | 5.1 | PSD-FL-137(A,B & C) | B.5. |
| -026 | Fly Ash Separator/Collector 2 | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.12 | 0.54 | PSD-FL-137(A,B & C) | B.5. |
| -029 | Pelletizing Rail Loadout | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.12 | 0.51 | PSD-FL-137(A,B & C) | B.5. |
| -030 | Dry Ash Rail Car/Truck Loadout | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.14 | 0.61 | PSD-FL-137(A,B & C) | B.5. |
| -031 | Pulverized Limestone Feeders (6) | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.01 | 0.04 | PSD-FL-137(A,B & C) | B.5. |
| -032 | Bed Ash Silo Vent | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.045 | 0.2 | PSD-FL-137(A,B & C) | B.5. |
| -033 | Fly Ash Silo Vent | VE | | 8760 | shall not exceed 5% | | | N/A | N/A | PSD-FL-137(A,B & C) | B.6. |
| | | PM | | 8760 | 0.003 gr/dscf | | | 0.084 | 0.37 | PSD-FL-137(A,B & C) | B.5. |

Notes:

* The "Equivalent Emissions" listed are for informational purposes.

1. Eight-hour rolling average, except for initial and annual compliance tests and the CEM certification, when the 1-hour average applies.
2. Thirty-day rolling average
3. Three-hour rolling average
4. Twelve-month rolling average

Table 2-1, Summary of Compliance Requirements

Cedar Bay Generating Company, L. P.
Cedar Bay Cogeneration Facility

Permit No. 0310337-013-AV
Facility ID No. 0310337

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

| E. U. ID No. | Brief Description | Pollutant Name or Parameter | Fuel(s) | Compliance Method | Testing | Frequency | Min. Compliance | | See Permit Condition(s) |
|------------------------------|---|--|---------------|---------------------------------|----------------|------------|----------------------------|------------------|-----------------------------------|
| | | | | | Time Frequency | Base Date | Test Duration | CMS ¹ | |
| -001 | Boilers A, B, and C circulating fluidized bed boiler (1063 MMBtu/hour -Oil) | VE | Coal | EPA method 9 | Annually | | 60 Minutes | Yes | A.19., A.20., A.21., A.33. |
| -002 | | Fuel Oil | | Annually | | 60 Minutes | Yes | | |
| -003 | | PM | Coal | EPA method 5 or 17 | Annually | | 120 minutes | No | A.19., A.20., A.33., A.34. |
| | | PM ₁₀ | Fuel Oil | or EPA methods 201 and 201a | Annually | | 120 minutes | No | |
| | | CO ² | Coal | EPA Method 10 | Annually | | 1 hour | Yes | A.19., A.20., A.21., A.33. |
| | | | Fuel Oil | | Annually | | 1 hour | Yes | |
| | | NO _x ³ | Coal | EPA Method 7, 7A, 7C, 7D, or 7E | Annually | | 1 hour | Yes | A.19., A.20., A.21., A.33., A.38. |
| | | | Fuel Oil | | Annually | | 1 hour | Yes | |
| | | SO ₂ ⁴ | Coal | EPA Method 6, 6B, 6C, or 8 | Annually | | 1 hour | Yes | A.19., A.20., A.21., A.33. |
| | | | Fuel Oil | | Annually | | 1 hour | Yes | |
| SO ₂ ⁵ | Coal | EPA Method 6, 6B, 6C, or 8 | Annually | | 1 hour | Yes | A.19., A.20., A.21., A.33. | | |
| | Fuel Oil | | Annually | | 1 hour | Yes | | | |
| % Sulfur | Coal | ASTM D2013-72, and either ASTM D3177-75, ASTM D4239-85, ASTM D3176-74 | Annually | | 1 hour | | A.36. | | |
| % Sulfur | Coal/Petcoke | ASTM D2622-92, or ASTM D4294-90 or both ASTM D4057-88 and ASTM D129-91 | Monthly | Composite of daily samples | 1 hour | | A.36. | | |
| % Sulfur | Fuel Oil | ASTM D2622-92, or ASTM D4294-90 or both ASTM D4057-88 and ASTM D129-91 | Annually | | 1 hour | | | | |
| VOC | Coal | EPA Method 18 or 25 | Every 5 years | | 1 hour | No | A.19., A.20., A.33. | | |
| | Fuel Oil | | Every 5 years | | 1 hour | No | | | |

Table 2-1, Summary of Compliance Requirements

Cedar Bay Generating Company, L. P.
Cedar Bay Cogeneration Facility

Permit No. 0310337-013-AV
Facility ID No. 0310337

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

| E. U. ID No. | Brief Description | Pollutant Name or Parameter | Fuel(s) | Compliance Method | Testing Time | Frequency | Min. Compliance | See Permit Condition(s) |
|--------------|--|-------------------------------------|------------------|--|---------------|-----------|------------------|---|
| | | | | | Frequency | Base Date | Test Duration | |
| | | H ₂ SO ₄ mist | Coal Fuel Oil | EPA Method 8 | Every 5 years | | 1 hour 1 hour | A.19., A.20., A.33. |
| -001 | (continued) | FI | Coal Fuel Oil | EPA Method 13A or 13B | Every 5 years | | 1 hour 1 hour | A.19., A.20., A.33. |
| -002 | | | | | Every 5 years | | 1 hour | |
| -003 | | Pb ⁶ | Coal Fuel Oil | EPA Method 12 | Every 5 years | | 1 hour 1 hour | A.19., A.20., A.33., A.32. |
| | | Hg ⁶ | Coal Fuel Oil | Method 101A | Every 5 years | | 1 hour 1 hour | A.19., A.20., A.33., A.32. |
| | | Be ⁶ | Coal Fuel Oil | EPA Method 104 | Every 5 years | | 1 hour 1 hour | A.19., A.20., A.33., A.32. |
| | | NH ₃ | Coal Fuel Oil | EPA Conditional Method 27 | Every 5 years | | 1 hour 1 hour | A.19., A.20., A.33. |
| | This section applies to the following emissions units: -004, -005, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -021, -022, -023, -025, -026, -029, -030, -031, -032, -033, -034 | VE | | EPA Method 9 | Annually | | 1 hour | No B.13., B.15. ⁸ , B.16., B.18. - B.23. |
| | | PM | | EPA Method 5 or 17 | Annually | | 1 hour | No B.14., B.15. ⁸ , B.16., B.18. - B.23. |
| | | % Sulfur ⁷ | | ASTM D2622-92, or ASTM D4294-90 or both ASTM D4057-88 and ASTM D129-91 | Annually | | 1 hour | B.17., B.18. - B.23. |

Table 2-1, Summary of Compliance Requirements

Cedar Bay Generating Company, L. P.
Cedar Bay Cogeneration Facility

Permit No. 0310337-013-AV
Facility ID No. 0310337

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

| E. U. ID No. | Brief Description | Pollutant Name or Parameter | Fuel(s) | Compliance Method | Testing Time | Frequency | Min. Compliance | CMS ¹ | See Permit Condition(s) |
|--------------|--|-----------------------------|---------|--------------------|--------------|-----------|-----------------|------------------|--|
| | | | | | Frequency | Base Date | Test Duration | | |
| | This section applies to the following emissions units: -006, -007, -020 | VE | | EPA Method 9 | Annually | | 1 hour | No | C.11., C.13. ⁸ , C.14., C.15.-C.20. |
| | | PM | | EPA Method 5 or 17 | Annually | | 1 hour | No | C.12., C.13. ⁸ , C.14., C.15.-C.20. |

Notes:

1. CMS [=] continuous monitoring system used for monitoring requirement in lieu of fuel sampling and analysis if marked 'yes'.
(Acceptable as long as CMS is maintained and calibrated as required.)
2. Eight-hour rolling average, except for initial and annual compliance tests.
and the CEM certification, when the 1-hour applies.
3. Thirty-day rolling average.
4. Three-hour rolling average.
5. Twelve-month rolling average.
6. Tests must be run every five years until three consecutive tests (including, if succesful, the initial compliance test) are within the annual emission limits specified.
7. Sulfur Content only applies to the ADS trains in this section (Units -004 & -005).
8. Applies to emission units with a baghouse.

Appendix CP-1, Compliance Plan

Cedar Bay Generating Company, L.P.
Cedar Bay Generating Company

Final Permit No. 0310337-013AV
Facility I.D. No. 0310337

1. Cedar Bay Generating Company, L.P. shall operate the plant located at 9640 Eastport Road , Jacksonville, Florida, in accordance with all local, state, and federal rules and regulations.
2. Cedar Bay Generating Company, L.P. shall construct the new Absorber Dryer System Train 3 (E.U.-034) in accordance with the following schedule:

| Scope | Deadline |
|----------------------------|------------------|
| Engineering Completion | January 1, 2007 |
| Equipment Delivery | January 15, 2007 |
| Mechanical Testing | April 14, 2007 |
| Performance Test Completed | May 15, 2007 |

3. Cedar Bay Generating Company, L.P. shall submit a written, quarterly status report to the Jacksonville Environmental Quality Division outlining the project status. The quarterly report shall be submitted no later than 15 days following the end of the calendar quarter. The first quarterly report shall be due no later than October 15, 2006.

Friday, Barbara

To: martinkreft@cogentrix.com; jeffwalker@cogentrix.com; KKosky@Golder.com; Kirts, Christopher; pace@coj.net
Cc: Thomas, Bruce X.
Subject: DRAFT Title V Permit Revision No.: 0310337-013-AV - Cedar Bay Cogeneration Facility
Attachments: 0310337.013.AV.D_pdf[1].zip

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <http://www.adobe.com/products/acrobat/readstep.html>.

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

DEP, Bureau of Air Regulation

12/13/2006

Friday, Barbara

To: worley.gregg@epamail.epa.gov

Cc: Thomas, Bruce X.

Subject: DRAFT Title V Permit Revision No.: 0310337-013-AV - Cedar Bay Cogeneration Facility

Attachments: TV-6.doc; 0310337-013-AV - Draft Revision.doc; 0310337-013-AV - SOB.doc; 0310337-013-AV-Intent.pdf; 0310337 - History.doc; 0310337 - Insignificant.doc; 0310337 - Table 1.xls; 0310337 - Table 2.xls; Appendix A-1.pdf; Appendix CAM - Version 3.pdf; Appendix CP-1.doc; Calibration Schedule.DOC; Figure 1.DOC; JEPB Rule 2.pdf; NSPS Subpart A.doc; SS-1.DOC

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <http://www.adobe.com/products/acrobat/readstep.html>.

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

DEP, Bureau of Air Regulation

Friday, Barbara

From: Exchange Administrator
Sent: Wednesday, December 13, 2006 12:57 PM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT154506.txt; DRAFT Title V Permit Revision No.: 0310337-013-AV - Cedar Bay Cogeneration Facility



ATT154506.txt
(284 B)



DRAFT Title V
Permit Revision ...

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

KKosky@Golder.com

Friday, Barbara

From: Exchange Administrator
Sent: Wednesday, December 13, 2006 12:58 PM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT154517.txt; DRAFT Title V Permit Revision No.: 0310337-013-AV - Cedar Bay Cogeneration Facility



ATT154517.txt
(279 B)



DRAFT Title V
Permit Revision ...

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

pace@coj.net

Friday, Barbara

From: Exchange Administrator
Sent: Wednesday, December 13, 2006 12:58 PM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT154537.txt; DRAFT Title V Permit Revision No.: 0310337-013-AV - Cedar Bay Cogeneration Facility



ATT154537.txt
(376 B)



DRAFT Title V
Permit Revision ...

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

martinkreft@cogentrix.com
jeffwalker@cogentrix.com

Friday, Barbara

From: EPA Postmaster automated message [postmaster@epamail.epa.gov]
Sent: Wednesday, December 13, 2006 1:00 PM
To: Friday, Barbara
Subject: Delivery Notification: Message successfully forwarded

Attachments: ATT154587.txt; ATT154588.txt



ATT154587.txt (634 B) ATT154588.txt (2 KB)

This report relates to a message you sent with the following header fields:

```
Message-id: <5280B20498F24C46A51A87E86A0C8F97038D00@tlhexsmb5.floridadep.net>
Date: Wed, 13 Dec 2006 12:56:46 -0500
From: "Friday, Barbara" <Barbara.Friday@dep.state.fl.us>
To: worley.gregg@epamail.epa.gov
Subject: DRAFT Title V Permit Revision No.: 0310337-013-AV - Cedar Bay
Cogeneration Facility
```

Your message has been successfully relayed to the recipients

```
Recipient address: worley.gregg@mseive.epa.gov
Original address: worley.gregg@epamail.epa.gov
Reason: Message successfully relayed to a system that does not support receipts
Diagnostic code: dns;mseive02.rtp.epa.gov (TCP|134.67.208.99|2089|134.67.221.150|25)
(mseive02.rtp.epa.gov ESMTP Postfix) smtp;250 Ok
Remote system: dns;mseive02.rtp.epa.gov (TCP|134.67.208.99|2089|134.67.221.150|25)
(mseive02.rtp.epa.gov ESMTP Postfix)
```

on a remote system that does not support the generation of successful delivery receipts. This does NOT mean that your message has actually been placed in the recipients' mailboxes; merely that it has passed through a part of the message transport infrastructure. In the event of a nondelivery you should expect to receive a nondelivery notification; in the event of successful delivery; however, you are unlikely to receive a positive confirmation of delivery.

Friday, Barbara

From: Walker, Jeff [JeffWalker@cogentrix.com]
To: Friday, Barbara
Sent: Wednesday, December 13, 2006 1:27 PM
Subject: Read: DRAFT Title V Permit Revision No.: 0310337-013-AV - Cedar Bay Cogeneration Facility

Your message

To: JeffWalker@cogentrix.com
Subject:

was read on 12/13/2006 1:27 PM.

Friday, Barbara

From: Walker, Jeff [JeffWalker@cogentrix.com]
Sent: Wednesday, December 13, 2006 1:48 PM
To: Friday, Barbara
Subject: RE: DRAFT Title V Permit Revision No.: 0310337-013-AV - Cedar Bay Cogeneration Facility

Ms. Friday
Cedar Bay is in receipt of the Department's Draft Title V revision.

Thank You
Jeff Walker
Environmental Manager @ Cedar Bay

-----Original Message-----

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Wednesday, December 13, 2006 12:57 PM
To: martinkreft@cogentrix.com; Walker, Jeff; KKosky@Golder.com; Kirts, Christopher; pace@coj.net
Cc: Thomas, Bruce X.
Subject: DRAFT Title V Permit Revision No.: 0310337-013-AV - Cedar Bay Cogeneration Facility

Dear Sir/Madam:

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DEP, Bureau of Air Regulation