

Harvey, Mary

1010017-009-ALF

From: Branum, Corrie
To: Harvey, Mary
Sent: Friday, August 17, 2007 8:21 AM
Subject: Read: Florida Power Corporation dba Progress Energy Florida, Inc.

Your message

To: 'Mr. Jeffrey Swartz, Progress Energy Florida, Inc.'; 'Ms. Ann Quillian, Progress Energy Florida, Inc.'; Halpin, Mike; Zhang-Torres; 'Ms. Kathleen Forney, EPA Region 4'
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.
Sent: 8/16/2007 4:47 PM

was read on 8/16/2007 4:51 PM.

Harvey, Mary

10/0017-009-AC-F

From: Zhang-Torres
To: Harvey, Mary
Sent: Friday, August 17, 2007 8:56 AM
Subject: Read: Florida Power Corporation dba Progress Energy Florida, Inc.

Your message

To: 'Mr. Jeffrey Swartz, Progress Energy Florida, Inc.'; 'Ms. Ann Quillian, Progress Energy Florida, Inc.'; Halpin, Mike; Zhang-Torres; 'Ms. Kathleen Forney, EPA Region 4'
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.
Sent: 8/16/2007 4:47 PM

was read on 8/17/2007 8:55 AM.

Harvey, Mary

16/0017-009-AC-F

From: Gibson, Victoria
To: Harvey, Mary
Sent: Friday, August 17, 2007 9:17 AM
Subject: Read: Florida Power Corporation dba Progress Energy Florida, Inc.

Your message

To: 'Mr. Jeffrey Swartz, Progress Energy Florida, Inc.'; 'Ms. Ann Quillian, Progress Energy Florida, Inc.'; Halpin, Mike; Zhang-Torres; 'Ms. Kathleen Forney, EPA Region 4'
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.
Sent: 8/16/2007 4:47 PM

was read on 8/17/2007 9:17 AM.

Harvey, Mary

From: Harvey, Mary
Sent: Thursday, August 16, 2007 4:47 PM
To: 'Mr. Jeffrey Swartz, Progress Energy Florida, Inc.'; 'Ms. Ann Quillian, Progress Energy Florida, Inc.'; Halpin, Mike; Zhang-Torres; 'Ms. Kathleen Forney, EPA Region 4'
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.
Attachments: Signed Documents for Project #1010017-009-AC-FINAL.pdf; 1010017-009-AC Final Permit.pdf; 1010017-009-AC Final Determination.pdf; 1010017-009-AC Notice of Final Permit.pdf

| Tracking: | Recipient | Delivery | Read |
|-----------|---|------------------------------|-------------------------|
| | 'Mr. Jeffrey Swartz, Progress Energy Florida, Inc.' | | |
| ✓ | 'Ms. Ann Quillian, Progress Energy Florida, Inc.' | | |
| ✓ | Halpin, Mike | Delivered: 8/16/2007 4:47 PM | Read: 8/16/2007 4:53 PM |
| ✓ | Zhang-Torres | Delivered: 8/16/2007 4:47 PM | Read: 8/17/2007 8:55 AM |
| ✓ | 'Ms. Kathleen Forney, EPA Region 4' | | |
| ✓ | Branum, Corrie | Delivered: 8/16/2007 4:47 PM | Read: 8/16/2007 4:51 PM |
| ✓ | Adams, Patty | Delivered: 8/16/2007 4:47 PM | Read: 8/16/2007 4:50 PM |
| ✓ | Gibson, Victoria | Delivered: 8/16/2007 4:47 PM | Read: 8/17/2007 9:17 AM |

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,

8/21/2007

Harvey, Mary

10010017-009-AC-F

From: Halpin, Mike
To: Harvey, Mary
Sent: Thursday, August 16, 2007 4:53 PM
Subject: Read: Florida Power Corporation dba Progress Energy Florida, Inc.

Your message

To: 'Mr. Jeffrey Swartz, Progress Energy Florida, Inc.'; 'Ms. Ann Quillian, Progress Energy Florida, Inc.'; Halpin, Mike; Zhang-Torres; 'Ms. Kathleen Forney, EPA Region 4'
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.
Sent: 8/16/2007 4:47 PM

was read on 8/16/2007 4:53 PM.

Harvey, Mary

1010017-009-AC-F

From: Adams, Patty
To: Harvey, Mary
Sent: Thursday, August 16, 2007 4:50 PM
Subject: Read: Florida Power Corporation dba Progress Energy Florida, Inc.

Your message

To: 'Mr. Jeffrey Swartz, Progress Energy Florida, Inc.'; 'Ms. Ann Quillian, Progress Energy Florida, Inc.'; Halpin, Mike; Zhang-Torres; 'Ms. Kathleen Forney, EPA Region 4'
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.
Sent: 8/16/2007 4:47 PM

was read on 8/16/2007 4:50 PM.

Harvey, Mary

From: Forney.Kathleen@epamail.epa.gov
Sent: Thursday, August 16, 2007 5:22 PM
To: Harvey, Mary
Cc: Little.James@epamail.epa.gov; Forney.Kathleen@epamail.epa.gov
Subject: Re: Florida Power Corporation dba Progress Energy Florida, Inc.

Thanks Mary
Katy

1010017-009-AC-F

Katy R. Forney
Air Permits Section
EPA - Region 4
61 Forsyth St., SW
Atlanta, GA 30024

Phone: 404-562-9130
Fax: 404-562-9019

"Harvey, Mary"
<Mary.Harvey@dep
.state.fl.us>

08/16/2007 04:46
PM

To
"Mr. Jeffrey Swartz, Progress
Energy Florida, Inc."
<jeffrey.swartz@pognmail.com>,
"Ms. Ann Quillian, Progress
Energy Florida, Inc."
<ann.quillian@pognmail.com>,
"Halpin, Mike"
<Mike.Halpin@dep.state.fl.us>,
"Zhang-Torres"
<Cindy.Zhang-Torres@dep.state.fl.
us>, Kathleen
Forney/R4/USEPA/US@EPA

cc
"Branum, Corrie"
<Corrie.Branum@dep.state.fl.us>,
"Adams, Patty"
<Patty.Adams@dep.state.fl.us>,
"Gibson, Victoria"
<Victoria.Gibson@dep.state.fl.us>

Subject
Florida Power Corporation dba
Progress Energy Florida, Inc.

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).

Harvey, Mary

10/0017-009-AC-F

From: Quillian, Ann [Ann.Quillian@pgnmail.com]
To: Harvey, Mary
Sent: Thursday, August 16, 2007 4:59 PM
Subject: Read: Florida Power Corporation dba Progress Energy Florida, Inc.

Your message

To: Ann.Quillian@pgnmail.com
Subject:

was read on 8/16/2007 4:59 PM.

Harvey, Mary

From: Quillian, Ann [Ann.Quillian@pgnmail.com]
Sent: Thursday, August 16, 2007 5:06 PM
To: Harvey, Mary; Swartz, Jeffrey
Cc: Branum, Corrie; Adams, Patty; Hamilton, Suzanne
Subject: RE: Florida Power Corporation dba Progress Energy Florida, Inc.

10/0017-009-AC

FINAL

Your e-mail was received with the four attachments.

Ann Quillian, PE
Florida Power Corp dba Progress Energy Florida, Inc.

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

From: Harvey, Mary [mailto:Mary.Harvey@dep.state.fl.us]
Sent: Thursday, August 16, 2007 4:47 PM
To: Swartz, Jeffrey; Quillian, Ann; Halpin, Mike; Zhang-Torres; Ms. Kathleen Forney, EPA Region 4
Cc: Branum, Corrie; Adams, Patty; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.

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).

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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,

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMIT

In the Matter of an Application for Permit by:

Florida Power Corporation dba Progress Energy Florida, Inc.
299 First Avenue North, MAC PEF-903
Saint Petersburg, FL, 33701

Project No. 1010017-009-AC
Anclote Power Plant
SO₂ Monitoring Revision
Pasco County

Authorized Representative:
Mr. Jeffrey Swartz, Plant Manager

Enclosed is the final air construction permit, which revises the fuel sulfur monitoring provisions for Units 1 and 2. The existing plant is located in Pasco County at 1729 Baillies Bluff Road in Holiday, Florida. As noted in the attached Final Determination, only minor changes and clarifications were made to the permit as drafted. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief
Bureau of Air Regulation

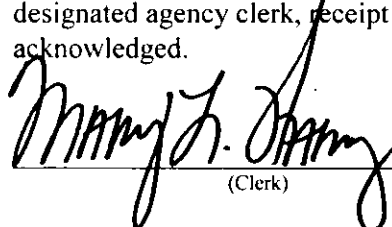
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Permit and Final Determination) was sent by electronic mail with received receipt requested to the persons listed below.

Mr. Jeffrey Swartz, Progress Energy Florida, Inc. (jeffrey.swartz@pgnmail.com)
Ms. Ann Quillian, Progress Energy Florida, Inc. (ann.quillian@pgnmail.com)
Mr. Mike Halpin, Siting Office (Halpin_M@dep.state.fl.us)
Ms. Cindy Zhang-Torres, Southwest District Office (Cindy.Zhang-Torres@dep.state.fl.us)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)
EPA Region 4 (posted)

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.


(Clerk)

8/16/07
(Date)



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

PERMITTEE

Anclote Power Plant
1729 Baillies Bluff Road
South Bay, Florida 33493

Authorized Representative:
Mr. Jeffrey Swartz, Plant Manager

Air Permit No. 1010017-009-AC
Anclote Power Plant
Facility ID No. 1010017
SO₂ Monitoring Revision
Pasco County, Florida

PROJECT

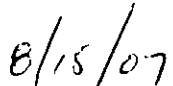
Florida Power Corporation dba Progress Energy Florida, Inc. operates an existing electrical generating power plant (SIC No. 4911) located in Pasco County at 1729 Baillies Bluff Road in Holiday, Florida. The UTM coordinates are Zone 17, 324.4 km east and 3118.7 km north. This air construction permit modification revises Permit No. 1010017-004-AC for Units 1 and 2 to specify that fuel sulfur sampling and analysis is an acceptable method for determining compliance with the Acid Rain provisions as well as the fuel sulfur restrictions and SO₂ standards of the permit.

This air pollution construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department.

Executed in Tallahassee, Florida



Joseph Kahn, Director
Division of Air Resource Management



(Date)

REVISED PERMIT CONDITIONS

Air Permit No. 1010017-004-AC is hereby revised as follows:

D.6 Compliance with the liquid fuel sulfur limit shall be verified by fuel analysis and the monitoring provisions of Appendix D of 40 CFR 75, "Optimal SO₂ Emissions Data Protocol for Gas-Fired and Oil-Fired Units" ~~a fuel analysis provided by the vendor or performed by FPC upon each fuel delivery with the following exception:~~ ~~i~~n cases where No. 6 fuel oil is received with a sulfur content exceeding 1.5% by weight, and blending is required to obtain a fuel mix equal to the applicable percent sulfur limit, an analysis of a fuel sample representative of fuel from the fuel storage tanks shall be performed ~~by FPC~~ prior to firing oil at the plant. Reports of percent sulfur content of these analyses shall be maintained at the power plant facility.

The owner or operator shall maintain records of the as-fired fuel oil heating value, density or specific gravity, and the percent sulfur content. Fuel sulfur content, percent by weight, for liquid fuels shall be determined by either ASTM D2622-94, ASTM D4294-90 (95), ASTM D1552-95, ASTM D1266-91, or both ASTM D4057-88, and ASTM D129-95 (or latest editions) to analyze a representative sample of the fuel oil.

[40 CFR 75, Rules 62-213.440, 62-296.405(1)(e)3., 62-296.405(1)(f)1.b. and 62-297.440, F.A.C., and applicant agreement with DEP on September 1, 1998]


F.1 The permittee shall install, calibrate, maintain, and operate ~~a continuous emission monitor in the stack monitoring systems~~ to measure and record the nitrogen oxides, sulfur dioxide emissions, and opacity from Units 1 and 2. The continuous emission monitoring systems must comply with the certification and quality assurance, and other applicable requirements from 40 CFR 75. For SO₂ emissions monitoring, the permittee elected to demonstrate compliance by using the procedures of Appendix D in 40 CFR 75, "Optimal SO₂ Emissions Data Protocol for Gas-Fired and Oil-Fired Units", which are based on fuel monitoring, sampling, and analyses. Periods of startup, shutdown, malfunction, and fuel switching shall be monitored, recorded, and reported as excess emissions when emission levels exceed the standards in Table 1 following the format of 40 CFR 60.7 (1998 version).

F.2 Units 1 and 2 shall comply with the acid rain monitoring procedures in Appendix D of 40 CFR 75, "Optional SO₂ Emissions Data Protocol for Gas-Fired and Oil-Fired Units". ~~The following monitoring schedule for No. 1—6 fuel oil shall be followed:~~ For shipments of fuel oil received at the Anclote Power Plant Station, the permittee shall retain an analysis which reports the sulfur and ash content and heat content (HHV) of the fuel shipment. The analysis shall be provided by the fuel vendor, permittee, or other sources which follow the appropriate fuel test methods listed in Specific Conditions D4-D6. The analysis record shall specify the origin of the fuel sample, the methods by which the analyses were conducted, the person conducting the sampling, and analysis, and date of sampling and analysis.

Florida Department of Environmental Protection

Memorandum

TO: Joseph Kahn, Division of Air Resource Management

THRU: Trina Vielhauer, Bureau of Air Regulation 
Jeff Koerner, Air Permitting North Section

FROM: Corrie Branum, Air Permitting North Section

DATE: August 14, 2007

SUBJECT: Project No. 1010017-009-AC
Florida Power Corporation dba Progress Energy Florida, Inc.
Anclote Power Plant
SO₂ Monitoring Revision for Units 1 and 2

The Final Permit for this project is attached for your approval and signature, which authorizes the revision of Permit No. 1010017-004-AC to specify that fuel sulfur sampling and analysis is an acceptable method for determining compliance with the Acid Rain provisions, the fuel sulfur restrictions and SO₂ standards of the permit. The existing plant is located in Pasco County at 1729 Baillies Bluff Road in Holiday, Florida. The project results in a minor source air construction permit and is not subject to PSD preconstruction review.

I recommend your approval of the attached Final Permit for this project.

Attachments

FINAL DETERMINATION

PERMITTEE

Florida Power Company dba Progress Energy Florida, Inc.
299 First Avenue North, MAC PEF-903
Saint Petersburg, FL 33701

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation, Air Permitting North Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Project No. 1010017-009-AC
Anclote Power Plant

Florida Power Corporation dba Progress Energy Florida, Inc. operates an existing electrical generating power plant (SIC No. 4911) located in Pasco County at 1729 Baillies Bluff Road in Holiday, Florida. The UTM coordinates are Zone 17, 324.4 km east and 3118.7 km north. This air construction permit modification revises Permit No. 1010017-004-AC for Units 1 and 2 to specify that fuel sulfur sampling and analysis is an acceptable method for determining compliance with the Acid Rain provisions as well as the fuel sulfur restrictions and SO₂ standards of the permit.

NOTICE AND PUBLICATION

The Department distributed an Intent to Issue Permit package on July 9, 2007. The applicant published the Public Notice of Intent to Issue in the St. Petersburg Times on July 26, 2007. The Department received the proof of publication on July 30, 2007.

COMMENTS

No comments on the Draft Permit were received from the public, the Department's Southwest District Office, the EPA Region 4 Office, the National Park Service, or the applicant.

CONCLUSION

The final action of the Department is to issue the permit.