


Memorandum

Florida Department of Environmental Protection

TO: Michael P. Halpin, Division of Air Resource Management 

THROUGH: Jeff Koerner, Air Permitting and Compliance Section 

FROM: Tammy McWade, Air Permitting and Compliance Section 

DATE: June 30, 2011

SUBJECT: Final Air Permit No. 0170004-030-AC / PSD-FL-383E
Progress Energy Florida, Inc.
Crystal River Power Plant, Units 4 and 5
Revised CO BACT Standard

The final permit for this project is attached for your approval and signature. In accordance with original permit PSD-FL-383 (as modified); the plant is installing several air pollution control systems. As required by Condition 9 in Subsection 3A of the permit, the applicant proposes a lower carbon monoxide (CO) standard from 0.17 to 0.11 lb/million British thermal units (MMBtu). Based on the information provided, the permit specifies a revised CO BACT of 0.10 lb/MMBtu, which represents the Best Available Control Technology (BACT) for the newly installed low-NOx burners. The proposed work will be performed at the existing Crystal River Power Plant, which is located in Citrus County, north of Crystal River and west of U.S. Highway 19. The project is not considered a new source review reform project.

The attached Final Determination summarizes the publication and comment process. There are no pending petitions for administrative hearings or extensions of time in which to file a petition for an administrative hearing. I recommend your approval of the attached final permit for this project.

Attachments

JFK/ttm



Florida Department of Environmental Protection

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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

PERMITTEE

Progress Energy Florida, Inc.
Crystal River Power Plant
299 First Avenue North, CN-77
St. Petersburg, Florida 33701

Authorized Representative:
Mr. Robby Odom, Plant Manager

Air Permit No. PSD-FL-383E
Project No. 0170004-030-AC
Facility ID No. 0170004
Crystal River Power Plant, Units 4 and 5
Pollution Controls Project, Revised CO Limit
Permit Expires: March 1, 2013

PROJECT

This is the final air construction permit revision, which modifies original Permit No. PSD-FL-383 that authorized new air pollution controls on Units 4 and 5. This revision reduces the carbon monoxide (CO) limit. The proposed work is being conducted at the existing Crystal River Power Plant, which is a power plant categorized under Standard Industrial Classification No. 4911. The existing plant is located north of Crystal River and west of U.S. Highway 19 in Citrus County, Florida. The UTM coordinates are Zone 17, 334.3 kilometers East and 3204.5 kilometers North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit. As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

STATEMENT OF BASIS

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. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, 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

For the Division of Air Resource Management


(Signature)

6-30-11
(Date)

Jeffery F. Koerner
(Printed Name of Above Designee)

FINAL PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on 6/30/11 to the persons listed below.

Mr. Robby Odom, Progress Energy Florida (robby.odom@pgnmail.com)
Mr. John Hunter, Progress Energy Florida (john.hunter@pgnmail.com)
Mr. Chris Bradley, Progress Energy Florida (chris.bradley@pgnmail.com)
Mr. Scott H. Osbourn, P.E., Golder Associates, Inc. (sosbourn@golder.com)
Ms. Cindy Zhang-Torres, SWD Office (cindy.zhang-torres@dep.state.fl.us)
Ms. Cindy Mulkey, DEP Siting Office (cindy.mulkey@dep.state.fl.us)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)
Ms. Heather Abrams, EPA Region 4 (abrams.heather@epa.gov)
Ms. Ana M. Oquendo, EPA Region 4 (oquendo.ana@epa.gov)
Ms. Vickie Gibson, DEP BAR Reading File (victoria.gibson@dep.state.fl.us)

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)

6/30/11
(Date)

FINAL DETERMINATION

PERMITTEE

Progress Energy Florida
299 First Avenue North, CN77
St. Petersburg, FL 33701

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Bureau of Air Regulation, New Source Review Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Air Permit No. 0170004-030-AC
Air Construction Permit (PSD-FL-383E)
Crystal River Power Plant

This project revises the carbon monoxide (CO) standard as required by Condition 9 in Subsection 3A of the original Permit No. PSD-FL-383 for Units 4 and 5.

NOTICE AND PUBLICATION

The Department distributed a draft air construction permit package on May 18, 2011. The applicant published the Public Notice in the Citrus County Chronicle on May 27, 2011. The Department received the proof of publication on June 7, 2011.

COMMENTS

No comments on the Draft Permit were received from the public, the EPA Region 4 Office or the applicant.

CONCLUSION

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

SECTION 1. GENERAL INFORMATION

FACILITY AND PROJECT DESCRIPTION

The existing Crystal River Power Plant consists of the following: four coal-fired fossil fuel steam generating units with electrostatic precipitators; two natural draft cooling towers; two sets of mechanical draft cooling towers (one set of “helper” cooling towers and a second set of “modular” cooling towers); coal and ash material handling facilities; and relocatable diesel fired generators. The Crystal River Energy Complex includes the nuclear unit and associated facilities permitted under the same Title V air operation permit.

Due to the Environmental Protection Agency’s revised 8-hour ozone standard, the permittee shall install and continuously operate new low-NO_x burners, new selective catalytic reduction systems, new flue gas desulfurization systems, and new stack configurations for existing Units 4 and 5 as authorized by this permit. The installation and use of these control devices require a demonstration of continuous compliance with new standards for nitrogen oxides (NO_x) and sulfur dioxide (SO₂).

In conjunction with the new control equipment, the permit also authorizes the following: a new carbon burn-out (CBOTM) system to reburn fly ash, a new blend of bituminous/sub-bituminous coal, a trial burn to evaluate coals blends with up to 30% petroleum coke, and a trial burn to evaluate a new fuel additive intended to reduce slagging and improve emissions performance. This permit also establishes the maximum heat input rates for Units 4 and 5. The combination of new fuel blends and control equipment will result in PSD-significant emissions increases of carbon monoxide (CO), particulate matter (PM/PM₁₀), sulfuric acid mist (SAM), and volatile organic compounds (VOC). Therefore, the permittee is also required to perform the following work and install the following additional equipment as the Best Available Control Technologies (BACT) for these pollutants: the new low-NO_x burners (CO, PM/PM₁₀ and VOC); modifications to the existing electrostatic precipitators (PM/PM₁₀ and SAM); and new acid mist mitigation (AMM) systems (SAM).

This permit affects the following emissions units:

EU No.	New/Existing	Emission Unit Description
003	Existing	Unit 5 Fossil Fuel Steam Generator
004	Existing	Unit 4 Fossil Fuel Steam Generator
016	Existing	Coal and Ash Material Handling Activities for Coal-Fired Steam Generators
023	New	Limestone and Gypsum Material Handling Activities
024	New	CBO Fluidized Bed Combustor
025	New	CBO Feed Fly Ash Silo
026	New	CBO Product Fly Ash Storage Dome and Truck Loadout Silo
xxx	New	Temporary Material Storage System and Dust Collector

REGULATORY CLASSIFICATION

- The facility is a major source of hazardous air pollutants (HAP).
- The facility operates units subject to the acid rain provisions of the Clean Air Act.
- The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.
- The existing facility is subject to Power Plant Site Certification No. PA 77-09.

SECTION 1. GENERAL INFORMATION

PROJECT HISTORY

Permit No. 0170004-013-AC authorized the installation of new selective catalytic reduction (SCR) systems on Units 4 and 5 to reduce NO_x. The purpose of the project was to implement the Clean Air Interstate Rule (CAIR) and the Clean Air Mercury Rule (CAMR). It did not trigger PSD preconstruction review.

Permit No. PSD-FL-383 (Project No. 0170004-016-AC) superseded Permit No. 0170004-013-AC and authorized the following new equipment in addition to SCR systems: new low-NO_x burners (LNB) for Units 4 and 5; new wet flue gas desulfurization (FGD) systems for Units 4 and 5 to reduce SO₂ and other acid gas emissions; a new acid mist mitigation (AMM) system for Units 4 and 5 to reduce SAM emissions; upgraded electrostatic precipitators (ESP) for Units 4 and 5 to reduce particulate matter emissions; new stack configurations for Units 4 and 5; and a new carbon burn out unit. The purpose of the project was to implement the CAIR and CAMR and it was subject to PSD preconstruction review.

Permit No. PSD-FL-383A (Project No. 0170004-019-AC) revised the original permit to require operation of the wet FGD and SCR systems in response to the Environmental Protection Agency's revised 8-hour ozone standard.

Permit No. PSD-FL-383B (Project No. 0170004-022-AC) revised the original permit to: include a temporary alternate compliance demonstration for carbon monoxide emissions for Unit 5 until the continuous emissions monitoring system is installed during the outage to tie in the new wet FGD system and stack; correct as-built equipment descriptions for the gypsum storage and handling systems; acknowledge that the limestone crushing operations will be subject to the federal provisions in NSPS Subpart OOO of 40 CFR 60; and clarify the timeframes for compliance monitoring following completion of construction, startup and shakedown of the air pollution control systems.

Permit No. PSD-FL-383C (Project No. 0170004-023-AC) revised the original permit to: authorize limited periods of shutdown of the AMM system for maintenance and repair; and clarify that the deadline for submitting an application to revise the Title V air operation permit is after completing the work for both units.

Permit No. PSD-FL-383D (Project No. 0170004-026-AC) revised the original permit to authorize the following:

- The temporary installation and operation of a demonstration injection system at Units 4 and 5 using alternative sorbents to evaluate additional methods for reducing SAM emissions;
- Establish a temporary opacity limit effective during the alternative sorbent trials;
- Temporary trials of several fuel additives to evaluate each for anti-slugging properties, which may enhance boiler operation as well as reduce the initial conversion of fuel sulfur to SAM; and
- Revise the current 3.13% maximum coal sulfur specification to an equivalent of 5.5 lb SO₂/million British thermal units (MMBtu).

For this current project, Permit No. PSD-FL-383E (Project No. 0170004-030-AC), the CO BACT standard for Units 4 and 5 is revised from an interim standard of 0.17 pound per million British thermal units (lb/MMBtu) to a final standard of 0.10 lb/MMBtu.

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Subsection C. Material Handling Activities for CBO System

SECTION 1. GENERAL INFORMATION

Subsection D. Units 4 and 5 – Temporary Trial Period with up to 50% Sub-bituminous Coal

Subsection E. Units 1, 2, 4 and 5 – Temporary Trial Period with Fuel Additive

Subsection F. Units 4 and 5 – Temporary Trial Period with up to 30% Petroleum Coke

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Appendix B. General Conditions

Appendix C. Common Conditions

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SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Unit 4, Unit 5 and CBO Unit – Pollution Control Projects

This section of the permit addresses the following emissions units.

EU No.	Emission Unit Description
003	Unit 5 is a fossil fuel-fired electric utility steam generator consisting of a pulverized coal, dry bottom, wall-fired boiler rated at 760 MW, which began commercial operation in 1984. Air pollution control equipment will include: low-NO _x burners, selective catalytic reduction (SCR) systems, flue gas desulfurization (FGD) systems, acid mist mitigation systems and an electrostatic precipitator (ESP). The flue gas exhausts at 130° F with a volumetric flow rate of 2,205,195 acfm through a stack that is 30.5 feet in diameter and 550 feet tall. Units 4 and 5 share a common chimney with separate internal stack liners.
004	Unit 4 is a fossil fuel-fired, electric utility steam generator consisting of a pulverized coal, dry bottom, wall-fired boiler rated at 760 MW, which began commercial operation in 1982. Air pollution control equipment will include: low-NO _x burners, selective catalytic reduction (SCR) systems, flue gas desulfurization (FGD) systems, acid mist mitigation systems, and an electrostatic precipitator (ESP). The flue gas exhausts at 130° F with a volumetric flow rate of 2,205,195 acfm through a stack that is 30.5 feet in diameter and 550 feet tall. Units 4 and 5 share a common chimney with separate internal stack liners.

9. Standards Based on CEMS: Including the emissions from the CBO unit, emissions from Units 4 and 5 each shall not exceed the following standards based on data collected by the CEMS.

- a. *NO_x Emissions*: As determined by CEMS data, NO_x emissions shall not exceed 2,085 tons per year per unit based on a 12-month rolling total for all periods of operation including startup, shutdown and malfunction. [Application No. 0170004-016-AC; Rules 62-4.070(3), 62-4.080 and 62-212.400(12), F.A.C.]
- b. *SO₂ Emissions*: As determined by CEMS data, SO₂ emissions shall not exceed 0.27 lb/MMBtu of heat input based on a 30-day rolling average for all periods of operation including startup, shutdown and malfunction. As determined by CEMS data, SO₂ emissions shall not exceed 1944.0 lb/hour per unit based on a 24-hour block average excluding startup, shutdown and malfunction of the FGD system. [Application No. 0170004-016-AC; Rules 62-4.070(3), 62-4.080 and 62-212.400(12), F.A.C.]
- c. *CO Emissions*: As determined by CEMS data, CO emissions shall not exceed 0.10 lb/MMBtu of heat input based on a 30-day rolling average excluding periods of startup, shutdown and malfunction. As determined by CEMS data, CO emissions shall not exceed 680.0 lb/hour based on a 30-day rolling average for all periods of operation including startup, shutdown and malfunction. *{Permitting Note: Project No. 0170004-030-AC removed the initial interim CO limit of “0.17 lb/MMBtu” and established the final CO limit.}* [Rule 62-212.400 (BACT), F.A.C.]

Friday, Barbara

To: robby.odom@pgnmail.com
Cc: john.hunter@pgnmail.com; chris.bradley@pgnmail.com; 'sosbourn@golder.com'; Zhang-Torres; Mulkey, Cindy; Kathleen Forney; abrams.heather@epamail.epa.gov; Ana Oquendo; Gibson, Victoria; McWade, Tammy
Subject: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)
Attachments: 0170004-030-AC(PSD-FL-383E)-SignedFinalDetermination.pdf

Dear Sir/ Madam:

Attached is the official **Notice of Final Permit** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Attention: Tammy McWade

Owner/Company Name: FLORIDA POWER CORPORATION D/B/A PROGRESS
Facility Name: CRYSTAL RIVER POWER PLANT
Project Number: 0170004-030-AC (PSD-FL-383E)
Permit Status: FINAL
Permit Activity: CONSTRUCTION
Facility County: CITRUS

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0170004.030.AC.F_pdf.zip

"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. Access these documents by clicking on the link provided above, or search for other project documents using the "*Air Permit Documents Search*" website at

<http://appprod.dep.state.fl.us/air/emission/apds/default.asp>.

Permit project documents that are addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation.

Barbara Friday
Permitting and Compliance Section
Division of Air Resource Management (DARM)
(850)717-9095

Friday, Barbara

From: Microsoft Exchange
To: 'robby.odom@pgnmail.com'; 'john.hunter@pgnmail.com'; 'chris.bradley@pgnmail.com'
Sent: Thursday, June 30, 2011 2:17 PM
Subject: Relayed: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

'robby.odom@pgnmail.com'

'john.hunter@pgnmail.com'

'chris.bradley@pgnmail.com'

Subject: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)

Sent by Microsoft Exchange Server 2007

Friday, Barbara

From: Microsoft Exchange
To: 'robby.odom@pgnmail.com'
Sent: Friday, July 08, 2011 11:10 AM
Subject: Relayed: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT;
0170004-030-AC (PSD-FL-383E)

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

'robby.odom@pgnmail.com'

Subject: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)

Sent by Microsoft Exchange Server 2007

Friday, Barbara

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Subject: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)
Attachments: 0170004-030-AC(PSD-FL-383E)-SignedFinalDetermination.pdf

Mr. Odom,

I have not received confirmation that you were able to access this June 30th attached document. Please confirm receipt by opening the attachment and sending a reply to me.

The Division of Air Resource Management is sending electronic versions of these documents rather than sending them Return Receipt Requested via the US Postal service. Your "receipt confirmation" reply serves the same purpose as tracking the receipt of the signed "Return Receipt" card from the US Postal Service. Please let me know if you have any questions.

Thank you,

Air Permitting and Compliance Section
Division of Air Resources Management (DARM)
(850)717-9095
Barbara.Friday@dep.state.fl.us

Friday, Barbara

From: Odom, Robby A [Robby.Odom@pgnmail.com]
Sent: Sunday, July 10, 2011 6:16 PM
To: Friday, Barbara
Subject: RE: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)

Sorry, I had been on vacation. I have received and can view the attachments.

Thanks,

Rob Odom

*Plant Manager
Crystal River Steam Plant
p. 352-563-4910
c. 352-464-7003*

From: Friday, Barbara [<mailto:Barbara.Friday@dep.state.fl.us>]
Sent: Friday, July 08, 2011 11:10 AM
To: Odom, Robby A
Subject: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)

Mr. Odom,

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Division of Air Resources Management (DARM)
(850)717-9095
Barbara.Friday@dep.state.fl.us

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Herschel T. Vinyard Jr. is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

Friday, Barbara

From: Hunter, John J (Jamie) [John.Hunter@pgnmail.com]
Sent: Thursday, June 30, 2011 2:57 PM
To: Friday, Barbara
Subject: RE: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)

Received...

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Thursday, June 30, 2011 2:17 PM
To: Odom, Robby A
Cc: Hunter, John J (Jamie); Bradley, Chris; sosbourn@golder.com; Zhang-Torres; Mulkey, Cindy; 'Kathleen Forney'; abrams.heather@epamail.epa.gov; Ana Oquendo; Gibson, Victoria; McWade, Tammy
Subject: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)

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Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Attention: Tammy McWade

Owner/Company Name: FLORIDA POWER CORPORATION D/B/A PROGRESS
Facility Name: CRYSTAL RIVER POWER PLANT
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Facility County: CITRUS

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Permit project documents that are addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation.

Barbara Friday
Permitting and Compliance Section
Division of Air Resource Management (DARM)
(850)717-9095

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Herschel T. Vinyard Jr. is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

Friday, Barbara

From: Osbourn, Scott [Scott_Osbourn@golder.com]
To: Friday, Barbara
Sent: Thursday, June 30, 2011 2:27 PM
Subject: Read: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT;
0170004-030-AC (PSD-FL-383E)

Your message was read on Thursday, June 30, 2011 2:27:06 PM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Microsoft Exchange
To: Zhang-Torres; Mulkey, Cindy; Gibson, Victoria
Sent: Thursday, June 30, 2011 2:17 PM
Subject: Delivered: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)

Your message has been delivered to the following recipients:

Zhang-Torres

Mulkey, Cindy

Gibson, Victoria

Subject: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)

Sent by Microsoft Exchange Server 2007

Friday, Barbara

From: Zhang-Torres
To: Friday, Barbara
Sent: Thursday, June 30, 2011 3:39 PM
Subject: Read: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT;
0170004-030-AC (PSD-FL-383E)

Your message was read on Thursday, June 30, 2011 3:39:02 PM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Mulkey, Cindy
To: Friday, Barbara
Sent: Thursday, June 30, 2011 2:18 PM
Subject: Read: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT;
0170004-030-AC (PSD-FL-383E)

Your message was read on Thursday, June 30, 2011 2:18:21 PM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Gibson, Victoria
To: Friday, Barbara
Sent: Friday, July 01, 2011 7:35 AM
Subject: Read: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT;
0170004-030-AC (PSD-FL-383E)

Your message was read on Friday, July 01, 2011 7:35:17 AM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Microsoft Exchange
To: McWade, Tammy
Sent: Thursday, June 30, 2011 2:17 PM
Subject: Delivered: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT;
0170004-030-AC (PSD-FL-383E)

Your message has been delivered to the following recipients:

McWade, Tammy

Subject: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT; 0170004-030-AC (PSD-FL-383E)

Sent by Microsoft Exchange Server 2007

Friday, Barbara

From: McWade, Tammy
To: Friday, Barbara
Sent: Thursday, June 30, 2011 2:17 PM
Subject: Read: PROGRESS ENERGY FLORIDA, INC. - CRYSTAL RIVER POWER PLANT;
0170004-030-AC (PSD-FL-383E)

Your message was read on Thursday, June 30, 2011 2:17:16 PM (GMT-05:00) Eastern Time (US & Canada).