



# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blairstone Road  
Tallahassee, Florida 32399-2400

Charlie Crist  
Governor  
Jeff Kottkamp  
Lt. Governor  
Michael W. Sole  
Secretary

May 29, 2008

*Electronically Sent – Received Receipt Requested.*

Thomas.lawery@pgnmail.com

Mr. Thomas Lawery, Plant Manager  
Authorized Representative  
Florida Power Corporation dba  
Progress Energy Florida  
1601 Weedon Island Drive  
St. Petersburg, Florida 33711

Re: DEP File Nos. PSD-FL-381A and 1030011-012-AC  
P.L. Bartow Power Plant Repowering Project  
Request for Additional Information

Dear Mr. Lawery:

On May 6, 2008 we received your application for a modification of the air construction permit for the natural gas combined cycle repowering of the steam turbine-electrical generators (STGs) associated with existing fossil-fuel fired Units 1 and 2. In order to continue processing your application, the Department will need a rationale explanation of each requested permit modification. Should your response to any of the requests require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the application form.

Rule 62-4.050(3), F.A.C. requires that all applications for a Department permit must be certified by a professional engineer registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. Please note that per Rule 62-4.055(1): "The applicant shall have ninety days after the Department mails a timely request for additional information to submit that information to the Department..... Failure of an applicant to provide the timely requested information by the applicable date shall result in denial of the application."

If you have any questions regarding this matter, please contact Teresa Heron (review engineer) at 850/921-9529 or Debbie Nelson (meteorologist) at 850/921-8986.

Sincerely,

Syed Arif, P.E., Acting Program Administrator  
Special Projects Section

SA/th

Cc: Chris Bradley, PEF: chris.bradley@pgnmail.com  
Scott Osbourn, P.E., Golder: sosbourn@golder.com  
Gregg Worley, U.S. EPA Region 4, Atlanta GA: worley.gregg@epa.gov  
Dee Morse, National Park Service, Denver CO: dee\_morse@nps.gov  
Mara Nasca, P.E., DEP/SWD: mara.nasca@dep.state.fl.us  
Peter Hessling, PCDEM: phesslin@pinellascounty.org

**Walker, Elizabeth (AIR)**

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**From:** Walker, Elizabeth (AIR)  
**Sent:** Thursday, May 29, 2008 2:24 PM  
**To:** 'thomas.lawery@pgnmail.com'  
**Cc:** Arif, Syed; Heron, Teresa; 'Hessling, Peter A'; Nasca, Mara; 'dee\_morse@nps.gov'; 'worley.gregg@epa.gov'; 'chris.bradley@pgnmail.com'; 'sosbourn@golder.com'  
**Subject:** RAI - 1030011-012-AC/PSD-FL-381A (P.L. Bartow Power Plant Repowering Project)  
**Attachments:** 1030011-012-AC.pdf

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,

*Elizabeth Walker*  
Bureau of Air Regulation  
Division of Air Resource Management (DARM)  
(850)921-9505

Tracking:

**Recipient**

- ✓ 'thomas.lawery@pgnmail.com'
- ✓ Arif, Syed
- ✓ Heron, Teresa
- ✓ 'Hessling, Peter A'
- ✓ Nasca, Mara
- ✓ dee\_morse@nps.gov'
- ✓ worley.gregg@epa.gov'
- ✓ 'chris.bradley@pgnmail.com'
- ✓ 'sosbourn@golder.com'

**Delivery**

- Delivered: 5/29/2008 2:24 PM
- Delivered: 5/29/2008 2:24 PM
- Delivered: 5/29/2008 2:24 PM

**Walker, Elizabeth (AIR)**

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**From:** Mail Delivery System [MAILER-DAEMON@sophos.golder.com]  
**Sent:** Thursday, May 29, 2008 2:24 PM  
**To:** Walker, Elizabeth (AIR)  
**Subject:** Successful Mail Delivery Report  
**Attachments:** Delivery report; Message Headers

This is the mail system at host sophos.golder.com.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<sosbourn@golder.com>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent  
483EF4AC\_25664\_9\_4 68E251093461

## Walker, Elizabeth (AIR)

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**From:** Mail Delivery System [MAILER-DAEMON@mseive02.rtp.epa.gov]  
**Sent:** Thursday, May 29, 2008 2:24 PM  
**To:** Walker, Elizabeth (AIR)  
**Subject:** Successful Mail Delivery Report  
**Attachments:** Delivery report; Message Headers

This is the mail system at host mseive02.rtp.epa.gov.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<worley.gregg@epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent  
483EF4AE\_23781\_952\_12 8E65E1DC01D

**Walker, Elizabeth (AIR)**

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**From:** Lawery, Thomas D [Thomas.Lawery@pgnmail.com]  
**To:** Walker, Elizabeth (AIR)  
**Sent:** Thursday, May 29, 2008 2:24 PM  
**Subject:** Read: RAI - 1030011-012-AC/PSD-FL-381A (P.L. Bartow Power Plant Repowering Project)

Your message

To: [Thomas.Lawery@pgnmail.com](mailto:Thomas.Lawery@pgnmail.com)  
Subject:

was read on 5/29/2008 2:24 PM.

**Walker, Elizabeth (AIR)**

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**From:** Exchange Administrator  
**Sent:** Thursday, May 29, 2008 2:24 PM  
**To:** Walker, Elizabeth (AIR)  
**Subject:** Delivery Status Notification (Relay)  
**Attachments:** ATT222407.txt; RAI - 1030011-012-AC/PSD-FL-381A (P.L. Bartow Power Plant Repowering Project)

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.

[phesslin@co.pinellas.fl.us](mailto:phesslin@co.pinellas.fl.us)

**Walker, Elizabeth (AIR)**

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**From:** Exchange Administrator  
**Sent:** Thursday, May 29, 2008 2:24 PM  
**To:** Walker, Elizabeth (AIR)  
**Subject:** Delivery Status Notification (Relay)  
**Attachments:** ATT222385.txt; RAI - 1030011-012-AC/PSD-FL-381A (P.L. Bartow Power Plant Repowering Project)

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.

[dee\\_morse@nps.gov](mailto:dee_morse@nps.gov)



**Walker, Elizabeth (AIR)**

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**From:** System Administrator  
**To:** Nasca, Mara  
**Sent:** Thursday, May 29, 2008 2:24 PM  
**Subject:** Delivered:RAI - 1030011-012-AC/PSD-FL-381A (P.L. Bartow Power Plant Repowering Project)

Your message

To: 'thomas.lawery@pgnmail.com'  
Cc: Arif, Syed; Heron, Teresa; 'Hessling, Peter A'; Nasca, Mara; 'dee\_morse@nps.gov'; 'worley.gregg@epa.gov'; 'chris.bradley@pgnmail.com'; 'sosbourn@golder.com'  
Subject: RAI - 1030011-012-AC/PSD-FL-381A (P.L. Bartow Power Plant Repowering Project)  
Sent: 5/29/2008 2:24 PM

was delivered to the following recipient(s):

Nasca, Mara on 5/29/2008 2:24 PM

**Walker, Elizabeth (AIR)**

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**From:** System Administrator  
**To:** Arif, Syed  
**Sent:** Thursday, May 29, 2008 2:24 PM  
**Subject:** Delivered:RAI - 1030011-012-AC/PSD-FL-381A (P.L. Bartow Power Plant Repowering Project)

Your message

To: 'thomas.lawery@pgnmail.com'  
Cc: Arif, Syed; Heron, Teresa; 'Hessling, Peter A'; Nasca, Mara; 'dee\_morse@nps.gov'; 'worley.gregg@epa.gov'; 'chris.bradley@pgnmail.com'; 'sosbourn@golder.com'  
Subject: RAI - 1030011-012-AC/PSD-FL-381A (P.L. Bartow Power Plant Repowering Project)  
Sent: 5/29/2008 2:24 PM

was delivered to the following recipient(s):

Arif, Syed on 5/29/2008 2:24 PM

**Walker, Elizabeth (AIR)**

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**From:** System Administrator  
**To:** Heron, Teresa  
**Sent:** Thursday, May 29, 2008 2:24 PM  
**Subject:** Delivered:RAI - 1030011-012-AC/PSD-FL-381A (P.L. Bartow Power Plant Repowering Project)

Your message

To: 'thomas.lawery@pgnmail.com'  
Cc: Arif, Syed; Heron, Teresa; 'Hessling, Peter A'; Nasca, Mara; 'dee\_morse@nps.gov'; 'worley.gregg@epa.gov'; 'chris.bradley@pgnmail.com'; 'sosbourn@golder.com'  
Subject: RAI - 1030011-012-AC/PSD-FL-381A (P.L. Bartow Power Plant Repowering Project)  
Sent: 5/29/2008 2:24 PM

was delivered to the following recipient(s):

Heron, Teresa on 5/29/2008 2:24 PM