



# 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

October 10, 2007

*Electronically Sent – Received Receipt Requested*

[Julie.Turner@pgmail.com](mailto:Julie.Turner@pgmail.com)

Ms. Julie Turner  
Responsible Official  
Florida Power Corporation  
dba Progress Energy Florida, Inc.  
6525 Osceola-Polk Line Rd  
Intercession City, Florida 33848

Re: Air Construction Permit No. 0970014-012-AC  
Title V Permit No. 0970014-011-AV Revision  
Progress Energy Florida - Intercession City Power Plant  
Request for Additional Information – Combustion Turbines No. 12, 13 and 14

Dear Ms. Turner:

On September 12, 2007 the Department received your application for an air construction and an air operation permit revision for your facility at the Progress Energy Intercession City Power Plant in Osceola County.

According to the application, you are requesting additional time for periods of excess emissions during startups, shutdowns and malfunctions; and that the current heat input permit limit of 905 (gas) and 978 (oil) MMBtu/hr based on lower heating value (LHV) stated in the permit be considered on a 24-hr rolling average since the heat input permitting note has been removed during the processing of the Title V permit Renewal.

Pursuant to Rules 62.296.340 (2), 62-4.055, and 62-4.070 F.A.C., Permit Processing, the Department requests submittal of additional information prior to processing the application. Should your response to any of the below items require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the application form.

The following information is needed:

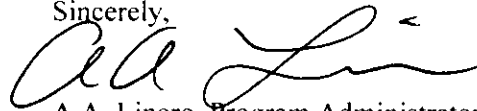
1. Submit rationale (operating data, etc) for your request for additional time for periods of excess emissions during startups, shutdowns and malfunctions.
2. Indicate the fuel burned and the heat input during operation of these turbines for the last 2 years.
3. Provide the maximum heat input (MMBtu/hr and LHV) at 90<sup>0</sup>F and 20<sup>0</sup>F (as stated by the manufacturer) for these types of turbines.
4. Submit the manufacturer heat input curve.

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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,

A handwritten signature in black ink, appearing to read "A.A. Linero".

A.A. Linero, Program Administrator  
Permitting South Section

AAL/tmh

Cc: Dave Meyer, PEF: [Dave.Meyer@pgmail.com](mailto:Dave.Meyer@pgmail.com)  
Scott Osbourn, P.E., Golder: [sosbourn@golder.com](mailto:sosbourn@golder.com)