

June 16, 2009

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

Sent via Electronic Mail - Received Receipt Requested

reginald.anderson@pgnmail.com

Mr. Reginald Anderson
Plant Manager
Florida Power Corporation dba Progress Energy Florida, Inc. (PEF)
Turner Power Plant
P. O. Box 530179
DeBary, Florida 32753

Re: Additional Information, File Number 1270020-004-AV
Title V Air Operation Permit Renewal Application
Turner Power Plant

Dear Mr. Anderson:

On April 29, 2009, the Department received a Title V air operation permit renewal application for the subject facility via Electronic Permit Submittal and Processing System (EPSAP). The Turner Power Plant is located at 201 Debary Avenue, Deltona in Volusia County, Florida.

In order to continue processing your application, the Department needs the additional information requested below. 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 permit application form.

1. New Applicable Requirements - New Source Performance Standards (NSPS) Requirements from 40 Code of Federal Regulations (CFR) 60:

The current valid Title V air operation permit, permit no. 1270020-002-AV, had been renewed with an effective date of January 1, 2005. Subsequent to this effective date, several new federal regulations have been promulgated by U.S. EPA and adopted by the State of Florida. Some of these new federal regulations may be new applicable requirements for the facility applying to certain types of engines.

40 CFR 60 Subpart IIII also known as (a.k.a.) NSPS "4-I's" or "CI-ICE"

U.S. EPA promulgated on July 11, 2006, the NSPS for Stationary Compression Ignition (CI) Internal Combustion Engines (ICE) under 40 CFR 60 Subpart IIII. This new NSPS applies to new engines. Florida adopted this regulation by reference soon thereafter at Rule 62-204.800(8)(b)78., Florida Administrative Code (F.A.C.).

40 CFR 60 Subpart JJJJ a.k.a. NSPS "4-J's" or "SI-ICE"

U.S. EPA promulgated on January 18, 2008, the NSPS for Stationary Spark Ignition (SI) Internal Combustion Engines (ICE) under 40 CFR 60 Subpart JJJJ. This new NSPS applies to new engines. Florida adopted this regulation by reference soon thereafter at Rule 62-204.800(8)(b)79., F.A.C.

- a. This facility has engines listed in Appendix U-1 as "general purpose engines and/or "emergency generators" on-site. These new NSPS could therefore apply. Are any of these engines regulated under these new NSPS?

If not, please provide key non-applicability descriptors to show that these engines are clearly not subject to these new NSPS, like 'existing,' model year/construction (manufacturer) date, manufacturer name, size of engine, e.g., equivalent brake horsepower (HP), type of engine, etc.

These new federal regulations along with fact sheets are posted on the following U.S. EPA web site:
<http://www.epa.gov/ttn/atw/combust/list.html>.

"More Protection, Less Process"
www.dep.state.fl.us

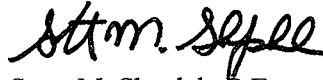
2. New Acid Rain Forms: The Department revised the acid rain forms last year. The current acid rain forms have an effective date of 03-16-2008. The form submitted with the permit renewal application is therefore outdated. Please submit completed acid rain form(s) using the current version of the form. The current versions of the acid rain forms can be accessed at the following web site:
<http://www.dep.state.fl.us/Air/forms/acidrain.htm>.

The Department will resume processing your application after receipt of the requested information. Rule 62-4.050(3), Florida Administrative Code (F.A.C.) requires that all applications for a Department Title V air operation permit must be certified by a professional engineer (P.E.) registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. For any material changes to the application, please include a new certification statement by the responsible official (R.O.).

Rule 62-4.055(1), F.A.C. now requires applicants to respond to requests for information within **ninety (90)** days or provide a written request for an additional period of time to submit the information. The processing of this application is under time constraints due to acid rain requiring this permit to be effective January 1, 2010. A response no later than **September 14, 2009** is appreciated.

If you should have any questions, please contact me by telephone at 850/921-9532 or by e-mail at Scott.Sheplak@dep.state.fl.us.

Sincerely,



Scott M. Sheplak, P.E.
DEP - Title V Section
Mail Station #5505
2600 Blair Stone Road
Tallahassee, FL 32399

copy to: Mr. Dave Meyer, P.E., PEF: dave.meyer@pgnmail.com
Mr. Bruce P. McLeod, P.E., Highlander Environmental: highlander.environmental@cox.net
Ms. Caroline Shine, DEP CD: Caroline.Shine@dep.state.fl.us

Friday, Barbara

To: Anderson, Reginald D.
Cc: Meyer, Dave; highlander.environmental@cox.net; Shine, Caroline; Sheplak, Scott; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV
Attachments: ReginaldAnderson1270020-004-AV - ProgressTurnerPowerPlantRAI.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,

Barbara Friday

DEP, Bureau of Air Regulation

(850)921-9524

Friday, Barbara

From: Exchange Administrator
Sent: Tuesday, June 16, 2009 9:20 AM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)
Attachments: ATT77646.txt; Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

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.

Reginald.Anderson@pgnmail.com

Dave.Meyer@pgnmail.com

Friday, Barbara

From: Anderson, Reginald D. [Reginald.Anderson@pgnmail.com]
Sent: Tuesday, June 16, 2009 10:24 AM
To: Friday, Barbara
Subject: RE: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

Barbara,

Message received.

Reggie

Reginald Anderson
Plant Manager
Central Florida Combustion Turbine Sites
Progress Energy Florida
T>386-668-5103 Debarry
T>863-679-3020 Intercession City
VNET>247-5802 Debarry
VNET>281-3020 Intercession City
C>386-748-0139
reginald.anderson@pgnmail.com

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Tuesday, June 16, 2009 9:20 AM
To: Anderson, Reginald D.
Cc: Meyer, Dave; highlander.environmental@cox.net; Shine, Caroline; Sheplak, Scott; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

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The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole 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: Meyer, Dave [Dave.Meyer@pgnmail.com]
To: Friday, Barbara
Sent: Tuesday, June 16, 2009 10:19 AM
Subject: Read: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

Your message

To: Dave.Meyer@pgnmail.com
Subject:

was read on 6/16/2009 10:19 AM.

Friday, Barbara

From: Meyer, Dave [Dave.Meyer@pgnmail.com]
Sent: Tuesday, June 16, 2009 1:38 PM
To: Friday, Barbara
Subject: RE: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

Hi Barbara,

I received the letter. Thank you very much for all your help. Best regards, Dave Meyer 727-820-5295

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Tuesday, June 16, 2009 9:20 AM
To: Anderson, Reginald D.
Cc: Meyer, Dave; highlander.environmental@cox.net; Shine, Caroline; Sheplak, Scott; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

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Friday, Barbara

From: Exchange Administrator
Sent: Tuesday, June 16, 2009 9:21 AM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)
Attachments: ATT77779.txt; Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

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.

highlander.environmental@cox.net

Friday, Barbara

From: Bruce McLeod [highlander.environmental@cox.net]
Sent: Wednesday, June 17, 2009 9:38 AM
To: Friday, Barbara
Subject: RE: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

I received the document.

*Bruce P. McLeod, P.E.
President
Highlander Environmental
Permitting and Compliance Services, L.L.C.
5643 Bay Forest Drive
Pensacola, Florida 32526*

*Email: highlander.environmental@cox.net
Cell: (850) 380-9411
Phone: (850) 458-1453
Fax: (850) 458-1453*

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Tuesday, June 16, 2009 8:20 AM
To: Anderson, Reginald D.
Cc: Meyer, Dave; highlander.environmental@cox.net; Shine, Caroline; Sheplak, Scott; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

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Barbara Friday

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No virus found in this incoming message.

Checked by AVG - www.avg.com

Version: 8.5.339 / Virus Database: 270.12.69/2176 - Release Date: 06/15/09 17:54:00

Friday, Barbara

From: Sheplak, Scott
To: Friday, Barbara
Sent: Tuesday, June 16, 2009 9:25 AM
Subject: Read: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

Your message

To: Anderson, Reginald D.
Cc: Meyer, Dave; highlander.environmental@cox.net; Shine, Caroline; Sheplak, Scott; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV
Sent: 6/16/2009 9:20 AM

was read on 6/16/2009 9:25 AM.

Friday, Barbara

From: System Administrator
To: Shine, Caroline
Sent: Tuesday, June 16, 2009 9:20 AM
Subject: Delivered:Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

Your message

To: Anderson, Reginald D.
Cc: Meyer, Dave; highlander.environmental@cox.net; Shine, Caroline; Sheplak, Scott; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV
Sent: 6/16/2009 9:20 AM

was delivered to the following recipient(s):

Shine, Caroline on 6/16/2009 9:20 AM

Friday, Barbara

From: Shine, Caroline
Sent: Tuesday, June 16, 2009 10:25 AM
To: Friday, Barbara
Subject: RE: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

Thanks, Barbara

*Caroline Shine, Acting Program Administrator
Air Resource Management
FDEP, Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
407-893-3336
Caroline.Shine@dep.state.fl.us*

From: Friday, Barbara
Sent: Tuesday, June 16, 2009 9:20 AM
To: Anderson, Reginald D.
Cc: Meyer, Dave; highlander.environmental@cox.net; Shine, Caroline; Sheplak, Scott; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

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Barbara Friday

DEP, Bureau of Air Regulation

(850)921-9524

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From: System Administrator
To: Sheplak, Scott
Sent: Tuesday, June 16, 2009 9:20 AM
Subject: Delivered:Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

Your message

To: Anderson, Reginald D.
Cc: Meyer, Dave; highlander.environmental@cox.net; Shine, Caroline; Sheplak, Scott; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV
Sent: 6/16/2009 9:20 AM

was delivered to the following recipient(s):

Sheplak, Scott on 6/16/2009 9:20 AM

Friday, Barbara

From: System Administrator
To: Gibson, Victoria
Sent: Tuesday, June 16, 2009 9:20 AM
Subject: Delivered:Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

Your message

To: Anderson, Reginald D.
Cc: Meyer, Dave; highlander.environmental@cox.net; Shine, Caroline; Sheplak, Scott; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV
Sent: 6/16/2009 9:20 AM

was delivered to the following recipient(s):

Gibson, Victoria on 6/16/2009 9:20 AM

Friday, Barbara

From: Gibson, Victoria
To: Friday, Barbara
Sent: Tuesday, June 16, 2009 9:29 AM
Subject: Read: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV

Your message

To: Anderson, Reginald D.
Cc: Meyer, Dave; highlander.environmental@cox.net; Shine, Caroline; Sheplak, Scott; Gibson, Victoria
Subject: Florida Power Corporation dba Progress Energy Florida, Inc.-Turner Power Plant, Additional Information, File No. 1270020-004-AV
Sent: 6/16/2009 9:20 AM

was read on 6/16/2009 9:29 AM.