

Sheplak, Scott~~-file-~~

From: Quillian, Ann [Ann.Quillian@pgnmail.com]
Sent: Thursday, October 04, 2007 10:34 AM
To: Sheplak, Scott
Cc: Fernandes, David; Schaefer, Gustave
Subject: RE: Title V Air Operation Permit Renewal, Project No.: 1030012-005-AV

Re: Florida Power Corporation d/b/a Progress Energy Florida, Inc . - Higgins Power Plant
Title V Air Operation Permit Renewal, **Project No.:** 1030012-005-AV

When burning fuel oil in CTP2 and CTP4, the combustion is unstable causing hot spots to occur in the turbine. The turbine trips off line to protect the equipment. Therefore, the turbine can not be run on fuel oil.

Please let us know, if you have any additional questions.

*Ann Quillian, PE
EH&S Services (PEF-903)
Progress Energy Florida, Inc.
PO Box 14042
Saint Petersburg, FL 33733*

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

From: Sheplak, Scott [mailto:Scott.Sheplak@dep.state.fl.us]
Sent: Wednesday, October 03, 2007 5:22 PM
To: Quillian, Ann
Subject: Title V Air Operation Permit Renewal, Project No.: 1030012-005-AV

Re: Florida Power Corporation d/b/a Progress Energy Florida, Inc . - Higgins Power Plant
Title V Air Operation Permit Renewal, **Project No.:** 1030012-005-AV

In the additional information response dated 9/11, the operational problem when trying to burn fuel oil is described as combustion stability causing the unit to trip offline. Please describe further.
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.

10/4/2007