

Scearce, Lynn

From: Scearce, Lynn
Sent: Wednesday, November 30, 2011 4:35 PM
To: 'jaspuru@ouc.com'
Cc: 'dstalls@ouc.com'; 'newlandlt@bv.com'; Shine, Caroline; 'lori.cunniff@ocfl.net'; 'ceron.heather@epa.gov'; Wong, Robert; Holtom, Jonathan; Friday, Barbara; Scearce, Lynn
Subject: 0950137-039-AC, Orlando Utilities Commission (OUC), Stanton Energy Center Units 1 and 2, Draft Permit
Attachments: DRAFT 0950137-039-AC -Written Notice signed.pdf

Dear Mr. Aspuru :

Attached is the official **Draft 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".

***Please notice your permit is electronically signed and is also PDF searchable.*

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).

Owner/Company Name: ORLANDO UTILITIES COMMISSION
Facility Name: STANTON ENERGY CENTER
Project Number: 0950137-039-AC
Permit Status: DRAFT
Permit Activity: CONSTRUCTION
Facility County: ORANGE

Click on the following link to access the permit project documents:
http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0950137.039.AC.D_pdf.zip

The Office of Permitting and Compliance 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://www.dep.state.fl.us/air/emission/apds/default.asp>.

Permit project documents 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, Office of Permitting and Compliance.

Note: The attached 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>> .

Regards,
Lynn Scearce

Office of Permitting and Compliance (OPC)
Division of Air Resources Management
850-717-9025

Scearce, Lynn

From: Stalls, Denise M. [DStalls@ouc.com]
Sent: Thursday, December 01, 2011 8:36 AM
To: Scearce, Lynn
Subject: RE: 0950137-039-AC, Orlando Utilities Commission (OUC), Stanton Energy Center Units 1 and 2, Draft Permit

received, thank you.

From: Scearce, Lynn [mailto:Lynn.Scearce@dep.state.fl.us]
Sent: Wednesday, November 30, 2011 4:35 PM
To: Aspuru, Jan
Cc: Stalls, Denise M.; newlandlt@bv.com; Shine, Caroline; lori.cunniff@ocfl.net; ceron.heather@epa.gov; Wong, Robert; Holtom, Jonathan; Friday, Barbara; Scearce, Lynn
Subject: 0950137-039-AC, Orlando Utilities Commission (OUC), Stanton Energy Center Units 1 and 2, Draft Permit

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Regards,

Lynn Scearce

Office of Permitting and Compliance (OPC)

Division of Air Resources Management

850-717-9025

Please take a few minutes to share your comments on the service you received from the department by clicking on this link [DEP Customer Survey](#).

P.E. CERTIFICATION STATEMENT

PERMITTEE

Orlando Utilities Commission (OUC)
Post Office Box 3193
Orlando, Florida 32802

Project No. 0950137-039-AC
Stanton Energy Center Units 1 and 2
Replacement of Igniters
Orange County, Florida

PROJECT DESCRIPTION

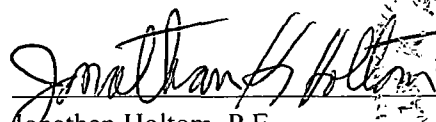
Orlando Utilities Commission proposes to replace the existing fuel oil igniter systems on Units 1 and 2 with natural gas igniter systems during the spring and fall scheduled maintenance outages, respectively. The igniters will be used primarily as initial light-off for the 60 low NO_x coal burners (30 per unit). The main reasons for the replacements are fuel cost savings and reduced maintenance requirements with the gas systems. The natural gas will be supplied from the existing Florida Gas Transmission (FGT) transmission line on the Stanton Energy Center (SEC) site located north of Units 1 and 2. A new natural gas metering station will be installed for metering and regulating the pipeline delivered natural gas.

Units 1 and 2 are nominal 468 megawatts (MW) coal-fueled steam generation units that began commercial operation in 1987 and 1996 respectively. Unit 1 consists of a Babcock and Wilcox (B&W) wall fired dry bottom boiler (Model RB 611) and Unit 2 is a B&W wall fired dry bottom boiler (Model RB 621). Both units have steam turbines which drive generators. The primary fuel is bituminous coal, however, pipeline delivered natural gas, as well as Orange County landfill gas and waste oils are also approved for combustion. No. 6 Fuel oil will no longer be available to the units upon installation of the natural gas systems.

Because of the cleaner combustion of natural gas, the proposed project is expected to reduce most emissions. The replacements are projected to decrease the emissions of Nitrogen Oxides (NO_x), Sulfur Dioxide (SO₂), particulate matter less than 10 microns (PM₁₀), sulfuric acid (H₂SO₄) and Carbon Dioxide. Projected increases in Carbon Monoxide (CO) and Volatile Organic Compounds (VOC) annual emissions will be less than the respective significant emission rates established in Rule 62-210.200, Florida Administrative Code (F.A.C.). A review for the Prevention of Significant Deterioration (PSD) and a new Best Available Control Technology (BACT) determination were not required pursuant to Rule 62-212.400, F.A.C. There will be no changes to the previously established emission limits or heat input rates for Units 1 and 2.

Impacts on mass emission rates of regulated pollutants will be determined by comparing emissions before and after the project in accordance with 40 Code of Federal Regulation, Part 60 (40 CFR 60).

I HEREBY CERTIFY that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify any other aspects of the proposal (including, but not limited to, the electrical, civil, mechanical, structural, hydrological, geological, and meteorological features).



Jonathan Holtom, P.E.
Registration Number 52664

