

PUBLIC NOTICE OF INTENT  
TO ISSUE AIR  
CONSTRUCTION PERMIT

STATE OF FLORIDA  
DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
DEP File No. 0950137-011-AC  
OUC Curtis H. Stanton Energy  
Center Units 1 and 2  
Scrubber and Combustion  
Control Improvements  
Orange County

The Department of Environmental Protection (Department) gives notice of its intent to issue an Air Construction Permit to OUC. The permit authorizes the installation of a dibasic acid (DBA) additive system for the Unit 1 and 2 wet flue gas desulfurization systems, and installation of a neural network-based combustion optimization system on Units 1 and 2 at the OUC Curtis H. Stanton Energy Center located in Orange County. A Best Available Control Technology (BACT) determination is not required. The applicant's name and address are OUC, Post Office Box 3193, Orlando, Florida 32802.

OUC Stanton Units 1 and 2 each consist of a coal fired boiler/steam generator and steam turbine with a 465 MW nominal capacity rating. Each unit is equipped with an electrostatic precipitator (ESP) for control of particulate matter (PM/PM10), and a wet flue gas desulfurization (WFGD) system for sulfur dioxide control. Unit 2 is also equipped with a selective catalytic reduction (SCR) system and low NOx burners for further control of NOx emissions.

The dibasic acid (DBA) addition system will be used to improve the SO2 removal efficiency of the existing WFGD systems on units 1 and 2 and consists of a 12,000 gallon DBA storage tank, a metering pumps, associated piping and valve systems, and instrumentation and controls. The DBA is handled as a solution therefore no sources of air emissions are associated with the actual additive system. Emissions of SO2 are expected to decrease as a direct result of the improved efficiency of the WFGD system. Because additional removal of SO2 will require greater limestone use, a minimal increase in particulate emissions from the limestone handling may occur. No other pollutants should be affected by the addition of the DBA addition system.

The neural network based combustion optimization system is a computer software addition to the plant's distributed control system (DCS) that utilizes the relationship between existing boiler control parameters and output performance measures, such as pollutant emissions and thermal efficiency, to optimize boiler operations. The neural network system is designed to enhance the overall performance of the unit and no increases in emissions of any criteria pollutants are expected due to this project.

The projects are part of a continuing program at OUC to reduce emissions of SO2 and NOx for the purpose of complying with the Clean Air Interstate Rule (CAIR).

Legal Notices

3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within 14 days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-109.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute.

BUREAU OF AIR REGULATION  
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The Department has reasonable assurance that the project will not result in significant net emission increases from the unit that would otherwise require a review under the Rules for the Prevention of Significant Deterioration (PSD) of Paragraph 62-212.400, F.A.C. or 40 CFR 52.21.

The Department will issue the Final Permit, in accordance with the conditions of the Draft Permit, unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions. The Department will accept written comments concerning the proposed permit issuance action for a period of 14 days from the date of publication of this Public Notice of Intent to Issue Air Construction Permit. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below. Mediation is not available in this proceeding.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399.

and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Protection  
Bureau of Air Regulation  
111 S. Magnolia Drive, Suite 4  
Tallahassee, Florida 32301  
Telephone: 850/488-0114  
Fax: 850/921-9533

Department of Environmental Protection  
Central District Office  
3319 Maguire Boulevard, Suite 221  
Orlando, Florida 32803-3767  
Telephone: 407/894-7555  
Fax: 407/897-5963

The complete project file includes the technical evaluation and the Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Program Administrator, South Permitting Section of 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-0114, for additional information. The draft permit and technical evaluation can be accessed at <http://www.dep.state.fl.us/Air/permitting/construction/ouc-station-units.htm> 12/9/06  
COR139024

## ORLANDO UTILITIES COMMISSION

To: Mr. Linero

Date: Dec. 14, 2006

Attached document being sent to you  
by Louis Brown - Environmental Affairs.

Happy Holidays!!

Thanks,

**OUC** 

The Reliable One™

*Rosario*

**Rosario Caraccioli**

Administrative Assistant  
Environmental Affairs