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SEP 27 2004

BUREAU OF PERMITTING

September 23, 2004

Mr. Bobby Bull
DEP/DARM
North Permitting Section
Division of Air Resource Management
2600 Blair Stone Road MS 5500
Tallahassee, Florida 32399-2400

Re: University of Florida Cogeneration Plant – Title V Permit - Affidavit of Publication

Dear Mr. Bull:

In accordance with Ms. Trina Vielhauer's letter to Mr. Wilson Hicks dated August 26, 2004, we have published the public notice in The Gainesville Sun on September 15, 2004.

Attached is the Affidavit of Publication. A copy was faxed to you yesterday (9/22/04).

If you have any questions, please contact me at (727) 826-4187. Thank you for processing the Title V application.

Best Regards,

A handwritten signature in cursive script that reads "Dave Meyer".

Dave Meyer, P.E.
Senior Environmental Specialist

XC: Wilson Hicks

Attachment

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SEP 27 2004

BUREAU OF AIR REGULATION
THE GAINESVILLE SUN
Published Daily and Sunday
GAINESVILLE, FLORIDA

STATE OF FLORIDA
COUNTY OF ALACHUA

NAOMI WILLIAMS-JORDAN

Before the undersigned authority appeared.....
Classified Assistant Manager

Who on oath says that he/she is.....of THE GAINESVILLE SUN, a daily
newspaper published at Gainesville in Alachua County, Florida, that the attached copy of advertisement, being a
PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL

DRAFT Permit Project No.: 0010001-007-AV

In the matter of

in the.....Court, was published in said newspaper in the issues of
SEPTEMBER 15TH

..... 2004

Affidavit further says that the said THE GAINESVILLE SUN is a newspaper published at Gainesville, in said Alachua County, Florida, and that the said newspaper has heretofore been continuously published in said Alachua County, each day, and has been entered as second class mail matter at the post office in Gainesville, in Said Alachua County, Florida, for a period of one year next preceding the first publication of the attached copy Of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount for publication in the said newspaper.

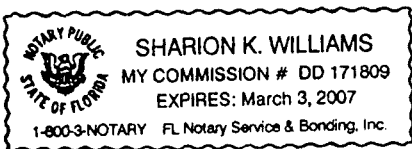
Sworn to and subscribed before me this

21.....day of Sept.....A.D., 2004

Sharion K Williams

(seal) Notary Public

Naomi Williams Jordan



**PUBLIC NOTICE
OF INTENT TO ISSUE
TITLE V
AIR OPERATION
PERMIT RENEWAL
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION**

**DRAFT Permit Project
No.: 0010001-007-AV
University of Florida
Cogeneration Plant
Alachua County**

The Division of Air Resource Management (permitting authority) gives notice of its intent to issue a Title V Air Operation Permit Renewal to Progress Energy Florida for the University of Florida Cogeneration Plant located on Mowery Road at University of Florida, Gainesville, Alachua County. The applicant's name and address are: Progress Energy Florida, University of Florida Cogeneration Plant, Mowery Road, Building 82, Gainesville, FL 32611.

The permitting authority will issue the PROPOSED Permit, and subsequent 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 permitting authority will accept written comments concerning the proposed DRAFT Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the Division of Air Resource Management, MS 5505, 2600 Blair Stone Road, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes (F.S.). 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, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2242; Fax: 850/245-2303). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen 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 applicable 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 28-106.205 of the Florida Administrative Code (F.A.C.). A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected

- petitioner's substantial rights will be affected by the agency determination;
- (c) A statement of how and when the 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 state;
- (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief;
- (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 permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above. Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1) to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

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:

Permitting Authority:
Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida - 32301
Telephone: 850/488-0114
Fax: 850/922-6979

Affected District/Local Program:
Department of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, FL 32256-7590
Telephone: 904/807-3300
Fax: 904/488-4319

The complete project file includes the DRAFT Permit.

ATTACHMENT UF-EU1-L3
Detailed Description of Control Equipment

The combustion turbine (CT) is equipped with a steam injection system for the control of nitrogen oxide (NO_x) emissions. The intermediate section of the heat recovery steam generator (HRSG) is the predominant supplier of the NO_x injection steam. However, during operation of the CT on distillate oil, additional steam from the main section of the HRSG is required to control NO_x emissions.

The steam flow to the CT is measured by a pitot tube which has an accuracy of +/- 1 percent of the steam flow quantity. The fuel consumption of each CT is measured by an orifice plate which compensates for temperature and pressure. The orifice plate is accurate to +/- 1 percent of the fuel flow.

The pitot tube and orifice plate each generate a milliamp signal during operation. These signals are sent to the power plant's distribution control system (DCS). The DCS calculates and records the steam-to-fuel ratio at all times to the setpoints which were established during initial startup testing for the combined-cycle unit.

If a condition develops in which the steam-to-fuel ratio varies more than 1 percent from the established curve, an audible alarm alerts the operator at the plant control center who can initiate actions to correct the situation.