

21 West Church Street
Jacksonville, Florida 32202-3139

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BUREAU OF AIR REGULATION



September 5, 2008

ELECTRIC

WATER

SEWER

Ms. Trinia Viel Hauer, Bureau Chief
Florida Department of Environmental Protection
2600 Blair Stone Road, MS – 5505
Tallahassee, Florida 32301

RE: JEA – Greenland Energy Center, Duval County, Florida
Public Notice of Intent to Issue Air Permit
Draft Air Permit No.: PSD-FL-401/Project No. 0310561-001-AC

Dear Ms. Hauer:

Enclosed, for your review, is the original "Public Notice of Intent to Issue Air Permit" posted in the Florida Times Union on August 29, 2008.

Sincerely,

A handwritten signature in cursive script that reads "Jay Worley/sjs".

Jay Worley, Director – Environmental Programs

JW/sjs

Enclosure

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT
Florida Department of Environmental Protection
Division of Air Resource Management, Bureau of Air Regulation
Draft Air Permit No. PSD-FL-401 / Project No.0310561-001-AC
JEA - Greenland Energy Center
Duval County, Florida

THE FLORIDA TIMES-UNION
Jacksonville, FL
Affidavit of Publication

Florida Times-Union

J.E.A./ENVIRONMENTAL
21 W CHURCH ST
JACKSONVILLE FL 32202

Reference: 1000250742
Ad Number: C12465648

State of Florida
County of Duval

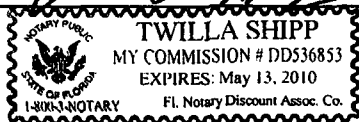
Before the undersigned authority personally appeared Sharon Walker who on oath says he/she is a Legal Advertising Representative of The Florida Times-Union, a daily newspaper published in Duval County, Florida; that the attached copy of advertisement is a legal ad published in The Florida Times-Union. Affiant further says that The Florida Times-Union is a newspaper published in Duval County, Florida, and that the newspaper has heretofore been continuously published in Duval County, Florida each day, has been entered as second class mail matter at the post office in Jacksonville, in Duval County, Florida for a period of one year preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission, or refund for the purpose of securing this advertisement for publication in said newspaper.

PUBLISHED ON: 08/29/2008

FILED ON: 08/29/2008

Name: Sharon Walker Title: Legal Advertiser
In testimony whereof, I have hereunto set my hand aforesaid.

NOTARY:



Applicant: The applicant for this project is JEA. The applicant's authorized representative and mailing address is: Mr. James M. Chansler, Chief Operating Officer, JEA, 21 West Church Street, Jacksonville, Florida 32202.

Facility Location: JEA proposes to construct a new power plant to be located in Duval County at 12121 Phillips Road in Jacksonville, Florida.

Project: The proposed facility is a new electric-generating facility referred to as Greenland Energy Center (GEC). GEC will be built in two phases. The initial phase will be the construction of two natural gas-fired simple cycle combustion turbine (CT) units that are proposed to be operational by June 2010. The second phase will convert these simple cycle units to a combined cycle combustion turbine ("2-on 1" configuration). Heat recovery equipment will be installed on the two simple cycle combustion turbines to capture enough heat energy to run a steam turbine. This second phase is proposed to be operational in June 2012.

This project is for the construction of two General Electric PG7241FA simple cycle CT electrical generators (Units 1 and 2) with a nominal output of 352 megawatts (MW) on natural gas and 380 MW on ultra low sulfur fuel oil (ULSFO). The project also includes the installation of two 1.875 million gallon, one 2,500 gallon and one 500 gallon ULSFO storage tanks, an emergency diesel fired pump, a natural gas fired process heater and an emergency generator. Units 1 and 2 will initially burn ULSFO (0.0015% sulfur by weight) until natural gas is available at the facility. Thereafter, Units 1 and 2 will each fire 3,500 hours per year, with up to 500 hours of that total on ULSFO and the balance on natural gas.

Based on the air permit application, the project will result in potential emissions of: 70.24 tons per year of carbon monoxide (CO); 346.51 tons per year of nitrogen oxides (NOx); 71.25 tons per year of particulate matter/particulate matter with a mean diameter of 10 microns or less (PM10); 11.05 tons per year of sulfuric acid mist (SAM); 28.82 tons per year of sulfur dioxide (SO2); and 13.0 tons per year of volatile organic compounds (VOC). As defined in Rule 62-210.200 of the Florida Administrative Code (F.A.C.), the project results in significant net emissions increases for CO, NOx, PM10, SAM and SO2. Therefore, the project is subject to preconstruction review for the Prevention of Significant Deterioration (PSD) of Air Quality for these pollutants in accordance with Rule 62-212.400, F.A.C.

For each PSD-significant pollutant, the Department is required to determine the Best Available Control Technology (BACT) and approve the applicant's Air Quality Analysis regarding ambient impacts due to the project. The Department has determined that BACT for NOx is 9.0 parts per million by volume, dry corrected to 15 percent oxygen (ppmv @15% O2). The limit will be achieved by use of inherently clean natural gas and use of dry low-NOx combustors. A limit of 42 ppmvd NOx @15% O2 will apply while firing back-up fuel oil and will be achieved by water injection into the combustors for flame temperature control. BACT for CO was determined to be the use of good combustion controls to achieve 4.1 ppmvd at 15% O2 when firing natural gas and 8.0 ppmvd at 15% O2 when firing ULSFO. Emissions of PM10, SAM, SO2, and visible emissions (opacity) will be minimized by the efficient, high-temperature combustion of clean fuels.

According to the applicant and as verified by the Department, maximum predicted air quality impacts due to worst case emissions from the proposed new project are less than the significant impact levels applicable to all PSD Class II areas. Therefore, multi-source (PSD Increment) modeling was not required. The impacts to the nearest Class I area (Okefenokee National Wilderness Area) will be negligible. Based on the required analyses, the Department has reasonable assurance that the proposed project will not cause or contribute to a violation of any state or federal ambient air quality standard.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212, F.A.C. The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Florida Department of Environmental Protection's Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Bureau of Air Regulation's physical address is 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301 and the mailing address is 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Bureau of Air Regulation's phone number is 850/488-0114.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site: <http://www.dep.state.fl.us/air/eproducts/apds/default.asp>.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all applicable provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit and requests for a public meeting for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 30-day period. In addition, if a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If timely received comments result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: 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, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241; 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 14 days of publication of this Public Notice or receipt of a written notice, 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 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 (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, 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 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 when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact; (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 including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the 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 final 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 Public Notice of Intent to Issue Air Permit. 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: Mediation is not available in this proceeding.