

Tina Garza Document Control Technician

Via Federal Express

Cindy Mulkey Engineering Specialist Division of Air Resource Management 2600 Blair Stone Road, MS # 5505 Tallahassee, FL 32399-2400

BUREAU OF AIR REGULATION

Re:

Treasure Coast Energy Center Combined Cycle Power Project

DEP File No. 1110121-001-AC (PSD-FL-353, PA 05-48)

November 14, 2005

Dear Ms. Mulkey:

Enclosed is the original of the proof of publishing and the Affidavit of Publication in the Fort Pierce Tribune for the Treasure Coast Energy Center's "Notice of Intent to Issue PSD Permit". If you should need anything else please feel free to call me at 321-23-1020.

Sincerely,

Tina Garza

Document Control Technician

Enclosure



SCRIPPS TREASURE COAST NEWSPAPERS

Fort Pierce Tribune

600 Edwards Road, Fort Pierce, FL 34982

AFFIDAVIT OF PUBLICATION

RECEIVED

NOV 15 2005

BUREAU OF AIR REGULATION

STATE OF FLORIDA COUNTY OF ST. LUCIE

Before the undersigned authority personally appeared, S. Darlene Mailing, who on oath says that she is Classified Inside Sales Manager of the Fort Pierce Tribune, a daily newspaper published at Fort Pierce in St. Lucie County, Florida: that the attached copy of advertisement was published in the Fort Pierce Tribune in the following issues below. Affiant further says that the said Fort Pierce Tribune is a newspaper published in Fort Pierce, in said St. Lucie County, Florida, and that said newspaper has heretofore been continuously published in said St. Lucie County, Florida, daily and distributed in St. Lucie County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid or promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper. The Fort Pierce Tribune has been entered as Periodical Matter at the Post Offices in Fort Pierce, St. Lucie County, Florida and has been for a period of one year next preceding the first publication of the attached copy of advertisement.

Cu	sto	me	r

<u>Ad</u> Number Pub Date

Copyline

PO#

FLORIDA MUNICIPAL POWER AG

1259989

11/4/2005

NOTICE OF INT PERMIT

DEP #1110121001AC





Subscribed and sworn to me before this date:

J. Darlin Mailing

November 04, 2005

Notary Public

MARY T. BYRNE
Notary Public - State of Florida
My Commission Expires Aug 2, 2008
Commission # DD132804
Bonded By National Notary Assn.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DEPARTMENT OF ENVIRONMENTAL PROTECTION DEP File No. 1110121-001-AC, PSD-FL-353, and PA 05-48 FMPA Treasure Coast Energy Center Combined Cycle Power Project St. Lucie County St. Lucie County The Department of Environmental Protection (Department) gives notice of intent to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the requirements for the Prevention of Significant to issue a parmit under the prevention of Significant to issue a parmit under the prevention of Significant to issue a parmit under the prevention of Significant to issue a parmit under the prevention of Significant to issue a parmit under the prevention of Significant to issue a parmit under the parmit under the prevention of Significant to issue a parmit under the prevention of Significant to issue a parmit under the parmit protection (Significant the Prevention of Significant the Significant the Significant the Significant the Si PHOTO MODICE OF INTENT TO ISSUE A2D VERWIT

The Department of Environmental Protection (Department) gives notice of its intent to issue a permit under the requirements for the Prevention of Significant Deterioration (PSD Permit) of Air Quality to Florida Municipal Power Agency. The permit is to construct a nominal 300 megawatt (MW) combined cycle electrical power generating plant at the Treasure Coast Energy Center near Fort Pierce, St. Lucie County. A determination of Best Available Control Technology (BACT) was required pursuant to Rule 62-212-400, Florida Administrative Code (F.A.C.), for emissions of particulate matter (PM/PM10), carbon monoxide (CO), sulfur dioxide (SO2), sulfuric acid mist, and nitrogen oxides (NOX). The applicant's name and address are Florida Municipal Power Agency, 8553 Commodity Circle, Orlando, Florida 32819.

The project consists of: a nominal 170 MW General Electric 7FA combustion turbine-electrical generator, a duct fired heat recovery steam generator, a nominal 130 MW separate steam-electrical generator, a 170-foot stack, a mechanical draft cooling tower with drift eliminators, a 990,000 gallon fuel oil storage tank, and other ancillary equipment. Back-up ultra low sulfur (ULS) fuel oil (0.0015 percent sulfur) will be burned for a maximum of 500 hours per year.

NOx emissions will be controlled by selective catalytic reduction (SCR) to NOx emissions will be controlled by selective catalytic reduction (SCR) to achieve 2 parts per million by volume, dry, at 15 percent oxygen (ppmvd) while burning gas and 8 ppmvd while burning ULS fuel oil. Emissions of CO will be controlled to 4.1 and 8 ppmvd while burning gas and fuel oil respectively. Emissions of PM/PM10, SO2, sulfuric acid mist, volatile organic compounds, and hazardous air pollutants (HAP) will be controlled to very low levels by good combustion and use of inherently clean pipeline quality natural gas and ULS fuel oil. Ammonia emissions (NH3) generated due to NOX control will be limited to 5 spoud. control will be limited to 5 ppmvd.

FMPA's estimates of maximum potential annual emissions from the project are summarized in the following table.

Pollutanis CO NO _X PM-PM ₁₀ Sulfuric Acid Mist SO; VOC Lead Mercury HAPs	Maximum Potential Emissions Tons Per Year 231 90 176/171 22.4	PSD Significant Emission Rate <u>Tons Per Year</u> 100 40 25/15
	56.6 23.4 0.007 0.001 12.5	7 40 40 0.6 0.1 NA

According to the applicant, maximum predicted air quality impacts due to emissions from the proposed new project are less than the significant impact levels applicable to areas outside of the Everglades National Park and the Chassahowitzka Wilderness Area (i.e. PSD Class II Areas). Therefore, multi-source modeling was not required for ambient air quality standards Class II increments. The project has no significant impact on the PSD Class II Chassahowitzka Wilderness and Everglades National Park areas. 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.

The Department will issue the FINAL Permit, in accordance with the following procedures results in a different decision or significant change of terms or conditions. According to the applicant, maximum predicted air quality impacts due to

The Department will accept written comments and requests for a public The Department will accept written comments and requests for a public meeting concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of this Public Notice of Intent to Issue PSD Permit. Written comments or requests for public meetings should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #505, Tallahassee, FL 3299-2400 or the e-mail address provided below. 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 per mit and require, if applicable, another Public Notice.

mit 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 filled pursuant to Sections 120.569 and 120.57 F.S., before the deadline for filling a petition. The procedures for petitioning for a hearing are set torth below. This PSD permitting action is being coordinated with a certification under the Power Plant Siting Act (Sections 403.501-519, F.S.). If a petition for an administrative hearing on the Department's Intent to Issue is filed by a substantially affected person, that hearing shall be consolidated with the certification hearing, as provided under Section 403.507(3). Mediation is not available in this proceeding

A person whose substantial interests are affecte, decision may petition for an administrative prone proposed permitting tions 120.559 and 120.57 of the Florida Statutesig (hearing) under secthe information set forth below and must be file petition must contain General Counsel of the Department at 3900 Comived) in the Office of Station #35, Tallahassee, Florida, 32399-3000. Petalth Boulevard, Mail applicant or any of the parties listed below must filed by the permit days of receipt of this notice of intent. Petitions filed within fourteen than those entitled to written notice under section any persons other Statutes must be filed within fourteen days of publical of the Floridatice or within fourteen days of receipt of this notice of the public nocurs first. Under section 120.60(3), however, any person whichever ocpartment for notice of agency action may file a petition asked the Deof receipt of that notice, regardless of the date of publicourteen days shall mail a copy of the petition to the applicant at the A petitioner above at the time of filing. The failure of any person to files indicated the appropriate time period shall constitute a waiver of that ition within request an administrative determination (hearing) under 1s right to and 120.57 F.S., or to intervene in this proceeding and parties 120.569 to it. Any subsequent intervention will be only at the appropriate president the Florida Administrative Code. A person whose substantial interests are affects

the Horida Administrative Code.

A petition that disputes the material facts on which the Departmet based must contain the following information: (a) The name and only each agency affected and each agency's file or identification as of known; (b) The name, address, and telephone number of the petitioner's representative address, and telephone number of the petitioner's representative processing the second any, which shall be the address for service purposes during the course the proceeding; and an explanation of how the petitioner's substantial is will be affected by the agency determination; (c) A statement of house will be affected by the agency determination; (c) A statement of hold when petitioner received notice of the agency action or proposed actional A statement of all disputed issues of material fact. If there are none, the tion must so indicate; (e) A concise statement of the ultimate facts allest including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rule 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 and other ment's action is based shall state that no such racts 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 filling 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 holi-

days, at: Dept. of Environmental Protection Bureau of Air Regulation 111 S. Magnolia Drive, Suite 4 Tallahassee, Florida, 32301 Telephone: 850/488-0114 Fax: 850/922-6979

Dept. of Environmental Protection Southeast District Branch Office 1801 SE Hillmoor Dr., Suite C-204 Port St. Lucie, Florida 34952 Telephone: 772/398-2806 Fax: 772/398-2815

Dept. of Environmental Protection Southeast District Office 400 North Congress Avenue, Suite 200 West Palm Beach, Florida 334018 Telephone: 561/681-6774 Fax: 561/681-6755

Tax: 501/031-0753

The complete project file includes the application, technical evaluations, 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 Administrator, South Permitting Section, Bureau of Air Regulation at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-0114. for additional information. The application, key correspon-850/488-0114, for additional information. The application, key correspon dence, draft permit and technical evaluation can be accessed at www.de p.state.fl.us/Air/permitting/construction/treasurecoast.htm

Publish: November 4, 2005 | 1259989