



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 4  
ATLANTA FEDERAL CENTER  
61 FORSYTH STREET  
ATLANTA, GEORGIA 30303-8960

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4 APT-ARB

BUREAU OF AIR REGULATION

A. A. Linero, P.E.  
Florida Department of Environmental Protection  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

SUBJ: PSD Permit Application for Florida Keys Electric Cooperative - Marathon Generation Plant (PSD-FL-285) located in Monroe County, Florida

Dear Mr. Linero:

Thank you for sending the preliminary determination and draft prevention of significant deterioration (PSD) permit for the Florida Keys Electric Cooperative - Marathon Generation Plant dated October 6, 2000. The draft PSD permit is for the installation of one diesel-fired engine and electric generator at the existing Marathon Generation facility. The high-speed engine proposed for the facility is an EMD model 20-710G4B engine rated at 4,988 bhp, coupled to a 3.58 MW generator. As proposed, the engine will be allowed to fire No. 2 fuel oil up to 8,760 hours per year. Total emissions from the proposed project are above the threshold requiring PSD review for nitrogen oxides (NO<sub>x</sub>).

Based on our review of the preliminary determination and draft PSD permit, we do not have any additional comments beyond those previously submitted during our review of the PSD permit application. If you have any questions or concerns, please direct them to either Katy Forney at 404-562-9130 or Jim Little at 404-562-9118.

Sincerely,

R. Douglas Neeley  
Chief  
Air and Radiation Technology Branch  
Air, Pesticides and Toxics  
Management Division

cc: S. Arif  
C. Halladay  
SD  
NPS  
C. Russell, FREE

PUBLISHED DAILY  
MIAMI-DADE-FLOIDA  
STATE OF FLORIDA  
COUNTY OF DADE

Before the undersigned authority personally appeared:

**JEANNETTE MARTINEZ**

who on oath says that he/she is

## CUSTODIAN OF RECORDS

of The Miami Herald, a daily newspaper published at Miami in Dade County, Florida; that the attached copy of advertisement was published in said newspaper in the issues of,

October 11, 2011

Affiant further says that the said *The Miami Herald* is a newspaper published at Miami, in the said Dade county, Florida and that the said newspaper has been continuously published in said Dade county, Florida each day and has been entered as second class mail matter at the post office in Miami, in the said Dade County, Florida, for a period of one year next preceding the first publication of the advertisement copy of advertisement and affiant further says that he 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 the said newspaper.

Pressman, J. A.

Impres: May 12, 2002  
Silvia Acosta

## NOTES

**OFFICIAL NOTARY SEAL**  
STATE OF CALIFORNIA  
**NOTARY PUBLIC STATE OF CALIFORNIA**  
COMMISSION # 0076490  
MY COMMISSION EXPIRES ON 08-01-2011

**PUBLIC NOTICE OF INTENT TO ISSUE  
AIR CONSTRUCTION PERMIT**

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DRAFT Permit No. 3870004-004-AC, (PDS-FL-280)  
Marathon Generation Plant

The Department of Environmental Protection (Department) gives priority to the review of applications for permits to Florida Keys National Marine Sanctuary (NMS) that are consistent with the National Oceanic and Atmospheric Administration (NOAA) Marine Conservation Program (MCP) and the National Marine Sanctuaries Act (NMSA). The Department is currently reviewing applications for permits to Florida Keys NMS that are consistent with the National Oceanic and Atmospheric Administration (NOAA) Marine Conservation Program (MCP) and the National Marine Sanctuaries Act (NMSA). The Department is currently reviewing applications for permits to Florida Keys NMS that are consistent with the National Oceanic and Atmospheric Administration (NOAA) Marine Conservation Program (MCP) and the National Marine Sanctuaries Act (NMSA).

This permit is for installation of a 3.58 megawatt diesel generator designated as Unit 8. The diesel generator will burn No. 2 fuel oil with a sulfur content of 0.05 percent or less, by weight. Controls for NO<sub>x</sub> emissions consist of a selective catalytic reduction and turbidizer aftercooler. NO<sub>x</sub> emissions will be reduced with a combination of good combustion practices and low sulfur fuel oil. The diesel generator is designed to operate continuously with the fuel oil usage limited to 2.015 million gallons per year. Although the unit will be permitted to operate continuously, historical usage of the on-site units is very low.

An air quality impact analysis was conducted. Emissions from the facility will consume PSD increment but will not significantly contribute or cause a violation of any state or federal ambient air quality standards. The maximum predicted nitrogen dioxide (NO<sub>2</sub>) and particulate matter (PM<sub>10</sub>) PSD Class II increments consumed by all sources in the area, including this project, will be as follows:

Season	Arrival Time	Allowable Increase (m/s)	CSI	CSI (Increased Dissipated Inertia)
Annual	13	25	52	
Annual	10	4	1	2
Annual	24 hour	7	30	73

The project has no significant impact on the Everglades National Park D Class 1 area

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 significant change of terms or conditions.

Public meetings concerning the proposed permit issuance action for a record of 30 thirty days from the date of publication of this Public Notice of Intent to Issue Air Construction Permit. Written comments and requests for public meetings will accept written comments. Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation at 2600 East Stone Road, Mail Station 45505, Denver, CO 80239-2001. An online comment system will be available at <http://www.denvergov.org>.

use the proposed permit and require, if applicable, another Public

The Department will issue the permit with the attached conditions if a timely petition for an administrative hearing is filed pursuant to sections 120.58 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below. Notification is not available in this occasion.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (see § 120.569, F.S.) under sections 120.569 and 120.57 of the Florida Statutes. A petition contain the information set forth below and must be filed

Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 999-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of denial. Petitions filed with any persons other than those listed in the above table will be considered late.

stitution notice under section 120.80(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first under section 120.80(3). However, any person who asked the court to appoint a guardian for notice of agency action must file a petition within

agency action they file a petition within 30 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 the right to be heard.

person's right to request an administrative assurance or waiver of trial, or to participate in this proceeding 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 28-18.205 of the

Florida Administrative Code

place of the petitioner, the name, address, and telephone number of petitioner's representative, if any which shall be the address for all correspondence during the course of the proceeding, and an explanation of how the petitioner's substantial interests will be affected

the agency determination: (c) A statement of how and when the agency received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the statement must so indicate; (e) A concise statement of the ultimate facts found, including the specific facts the petitioner contends warrant

cessual 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.

because the administrative hearing process is designed to form a fact-based record upon which the administrative action is based, and that no such facts are in the public domain, and otherwise shall contain the same information as set forth herein, as required by Rule 28-106.301.

agency action, the filing of a petition means that the Department's action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final action of the Department on the application have the right to petition to become a party to the proceeding. In accordance with the rules of the

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 holidays, at

Department of Environmental Protection  
Bureau of Air Regulation  
South District Office  
2785 Victoria Avenue, Suite 364  
Fort Myers, Florida 33901  
Telephone: (813) 333-6076

855/922-4676  
Fax 941/332-6988

Interested persons may contact the Administrator, New Source Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-0114, for additional information.