



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

PERMITTEE

Florida Power & Light Company (FPL)
700 Universe Boulevard
Juno Beach, Florida 33408

Authorized Representative:
Brad Williams, Plant General Manager

Permit No. 0850001-026-AC/PSD-FL-327E
Martin Power Plant Unit 8
Combustion Turbine Improvements
Permit Expires: March 31, 2012
Martin County

PROJECT

This is the final air construction permit, which modifies original permit No. PSD-FL-327 that authorized the construction of Unit 8 a "4-on-1" combined cycle system. This revision authorizes the replacement and upgrade of certain components on the gas turbines, a nominal 1,150 megawatts (MW) combined cycle unit. The proposed work will be conducted at the existing Martin Power Plant, which is an electric utility power plant categorized under Standard Industrial Classification No. 4911. The existing facility is located in Martin County at 21900 Southwest Warfield Boulevard in Indiantown, Florida. The UTM coordinates are Zone 17, 542.68 km East and 2992.65 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit. As noted in the Final Determination provided with this permit, no changes or clarifications were made to the draft permit.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida

Jeffery F. Koerner, Administrator
Office of Permitting and Compliance
Division of Air Resources Management

9-16-11

(Date)

PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit with Appendices) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on 9-16-11 to the persons listed below.

- Mr. Brad Williams, FPL: david.williams@fpl.com
- Mr. Kevin Washington, FPL: kevin.washington@fpl.com
- Mr. Willie Welch, FPL: willie_welch@fpl.com
- Mr. Kennard Kosky, P.E., Golder Associates: ken_kosky@golder.com
- Mr. Lennon Anderson, DEP Southeast District: lennon.anderson@dep.state.fl.us
- Ms. Heather Abrams, EPA Region 4: abrams.heather@epa.gov
- Ms. Lynn Scarce, DEP OPC Reading File: lynn.scarce@dep.state.fl.us
- Ms. Barbara Friday, DEP PP Reading File: barbara.friday@dep.state.fl.us

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

Lynn Scarce
(Clerk)

September 16, 2011
(Date)