**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**
BOB MARTINEZ CENTER
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

JONATHAN P. STEVERSON
SECRETARY

*Electronically Sent – Received Receipt Requested*

Mr. Brian V. Powers, Station Manager
Duke Energy Florida, Inc. (DEF)
299 First Avenue North, FL-903
St. Petersburg, FL 33701-3308

Re: Project No. 1210003-008-AC
(PSD-FL-428)
Suwannee River Power Plant
Peaking Unit Project

Dear Mr. Powers:

On May 1, 2014, you submitted an application for an air construction permit subject to the preconstruction review requirements of Rule 62-212.400, Florida Administrative Code for the Prevention of Significant Deterioration (PSD) of Air Quality. The purpose of the project is to construct two nominal 178 megawatt (MW) primarily natural gas-fueled General Electric (GE) 7FA.03 model simple cycle combustion turbines (CT) and ancillary equipment. Ultra-low sulfur distillate (ULSD) fuel oil will be used as a limited backup fuel in the CT. The ancillary equipment will include: two new natural gas-fired fuel gas heaters, a new emergency diesel fire pump, a new 2.5 million gallon double-wall fuel oil storage tank, as well as four new circuit breakers and miscellaneous natural gas piping components. The project includes the permanent shutdown of fossil fuel steam Boiler No. 3.

The existing The Suwannee River Power Plant is located within the city of Live Oak in Suwannee County, Florida. The facility can be accessed from River Road south of Route 90. The UTM coordinates are Zone 17, 290.466 kilometers (km) East, and 3362.521 km North. Enclosed are the following documents: Written Notice of Intent to Issue Air Permit; Public Notice of Intent to Issue Air Permit; Technical Evaluation and Preliminary Determination; and Draft Permit with Appendices.

The Public Notice of Intent to Issue Air Permit is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project. If you have any questions, please contact the Project Engineer, David Read, P.E., at 850/717-9075 or by email at david.read@dep.state.fl.us .

Sincerely,

*for:* Jeffery F. Koerner, Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management Enclosures

JFK/dlr

# WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

*In the Matter of an*
*Application for Air Permit by:*

Duke Energy Florida, Inc. (DEF)
299 First Avenue North, FL-903
St. Petersburg, FL 33701-3308

*Authorized Representative:*
Mr. Brian V. Powers, Station Manager

Draft Permit No. 1210003-008-AC
PSD-FL-428
Suwannee River Power Pant
Peaker Units Project
Suwannee County, Florida

**Facility Location**: The existing Suwannee River Power Plant is located within the city of Live Oak in Suwannee County, Florida. The facility can be accessed from River Road south of Route 90.

**Project**: The purpose of the project is to construct two nominal 178 megawatt (MW) primarily natural gas-fueled General Electric (GE) 7FA.03 model simple cycle combustion turbines (CT) and ancillary equipment. Ultra-low sulfur distillate (ULSD) fuel oil will be used as a limited backup fuel in the CT. The ancillary equipment will include: two new natural gas-fired fuel gas heaters, a new emergency diesel fire pump, a new 2.5 million gallon double-wall fuel oil storage tank, as well as four new circuit breakers and miscellaneous natural gas piping components. The project includes the permanent shutdown of fossil fuel steam Boiler No. 3. The project is subject to the preconstruction review requirements of Rule 62-212.400, Florida Administrative Code (F.A.C), the Prevention of Significant Deterioration (PSD) of Air Quality, for the following pollutants: particulate matter (PM) with a mean diameter of 10 microns or less, PM with a mean diameter of 2.5 microns or less and greenhouse gases ($CO_2e$). Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

**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 Division of Air Resource Management's (DARM) Office of Permitting and Compliance is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 2600 Blair Stone Road, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/717-9000.

**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.

**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.

**Public Notice**: Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are

uncertain that a newspaper meets these requirements, please contact the Permitting Authority at the address or phone number listed above. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

**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. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this written notice of Intent to Issue Air Permit. 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 the attached Public Notice or within 14 days of receipt of this written notice of Intent to Issue Air Permit, 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. A petition for administrative hearing must contain the information set forth below and must be filed (received) with the Agency Clerk in the Office of General Counsel, 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida 32399-3000, Agency.Clerk@dep.state.fl.us, before the deadline. 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, any email address, telephone number and any facsimile number of the petitioner; the name, address any email address, telephone number, and any facsimile 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. If there are none, the petition must so indicate; (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 written 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.

Executed in Tallahassee, Florida.

*for:* Jeffery F. Koerner, Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management

## CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit package (including the Written Notice of Intent to Issue Air Permit, the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the Draft 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 the date indicated below to the following persons.

Brian V. Powers, DEF: Brian.Powers@duke-energy.com
Chris Bradley, DEF: Chris.Bradley@duke-energy.com
Larry Todd Newland, P.E. Black & Veatch: newlandt@bv.com
Rich Rachal, DEP NED: Richard.Rachal@dep.state.fl.us
Ms. Lorinda Shepherd, EPA Region 4: shephard.lorinda@epa.gov
Heather Ceron, US EPA Region 4: ceron.heather@epa.gov
Lynn Scearce, DEP OPC: lynn.scearce@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.