



March 2, 2011

RECEIVED

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BUREAU OF  
AIR REGULATION

Mr. Jon Holtom, P.E.  
Title V Administrator  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
2600 Blair Stone Road, MS#5505  
Tallahassee, Florida 32399-2400

RE: Progress Energy Florida – Crystal River Energy Complex  
Draft/Proposed Title V Air Operation Permit Revision (Permit No. 0170004-25-AV)  
Public Notice of Intent to Issue Title V Air Operation Permit  
Proof of Publication

Dear Mr. Holtom:

Pursuant to the processing requirements of the above noted permit revision, Progress Energy Florida has published the public notice of intent related to the draft/proposed Title V permit revision in the Citrus County Chronicle. Please find enclosed the original notarized Affidavit of Publication related to the notice that was published on February 21, 2011.

If you have any questions regarding this submittal please contact me at (727) 820-5764 or at [John.Hunter@PGNmail.com](mailto:John.Hunter@PGNmail.com).

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Hunter', written over a horizontal line.

Jamie Hunter  
Lead Environmental Specialist  
Progress Energy Florida

Enclosure

C (w/enc.): Joe Attalla, FDEP Tallahassee (via email only)  
Ana Oquendo, EPA Region 4 (via email only)

Progress Energy Florida, Inc.  
P.O. Box 14042  
St. Petersburg, FL 33733

**Proof of Publication**  
from the  
**CITRUS COUNTY CHRONICLE**  
Crystal River, Citrus County, Florida  
**PUBLISHED DAILY**

STATE OF FLORIDA  
COUNTY OF CITRUS  
Before the undersigned authority personally appeared

Mary Ann Naczi

Of the Citrus County Chronicle, a newspaper published daily at Crystal River, in Citrus County, Florida, that the attached copy of advertisement being a public notice in the matter of the

471-0221 MCRN PUBLIC NOTICE PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT  
Florida Department of Environmental Protection Division of Air Resource Management, Bureau of Air Regulation  
Draft/Proposed Permit Revision No. 0170004-025-AV Flori

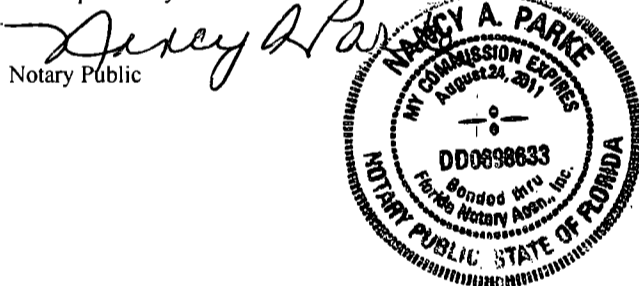
Court, was published in said newspaper in the issues of  
February 21st, 2011.

Affiant further says that the Citrus County Chronicle is a Newspaper published at Crystal River in said Citrus County, Florida, and that the said newspaper has heretofore been continuously published in Citrus County, Marion County and Levy County, Florida, each week and has been entered as second class mail matter at the post office in Inverness in said Citrus County, Florida, for a period of one year next 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 the said newspaper.

Mary Ann Naczi  
The forgoing instrument was acknowledged before me

This 22nd day of February 2011  
By: Mary Ann Naczi

who is personally known to me and who did take an oath.



**471-0221 MCRN**  
**PUBLIC NOTICE**  
**PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT**  
Florida Department of Environmental Protection  
Division of Air Resource Management, Bureau of Air Regulation  
Draft/Proposed Permit Revision No. 0170004-025-AV  
Florida Power Corporation dba Progress Energy Florida, Inc.  
Crystal River Power Plant, Citrus County, Florida

**Applicant:** The applicant for this project is Florida Power Corporation dba Progress Energy Florida, Inc. The applicant's responsible official and mailing address are: Mr. Larry Hatcher, Plant Manager, Florida Power Corporation dba Progress Energy Florida, Inc., 299 First Avenue, North, Mail Code CN77, St. Petersburg, Florida, 33701.

**Facility Location:** The applicant operates the existing Crystal River Power Plant, which is located in Citrus County at 15760 West Power Line Street in Crystal River, Florida.

**Project:** The applicant applied on November 9, 2010 to the Department for a Title V air operation permit revision. This is a revision of Title V air operation permit No. 0170004-024-AV to incorporate the provisions of final air construction permit Nos. 0170004-016-AC (PSD-FL-383), 0170004-019-AC (PSD-FL-383A), 0170004-022-AC (PSD-FL-383B), and 0170004-023-AC (PSD-FL-383C), which authorized the installation of air pollution control equipment and a blend of bituminous/sub-bituminous coal on Units 4 and 5. The combination of fuel blends and control equipment resulted in prevention of significant deterioration (PSD)-significant emissions increases of carbon monoxide (CO), particulate matter (PM/PM10), sulfuric acid mist (SAM), and volatile organic compounds (VOC). Therefore, the permittee was required to install and is now authorized to operate the following additional equipment as the Best Available Control Technologies (BACT) for these pollutants: low-nitrogen oxide (NOX) burners (CO, PM/PM10, and VOC); modifications to the existing electrostatic precipitators (PM/PM10 and SAM); and alkali injection systems (SAM). The existing facility consists of: four coal-fired fossil fuel steam generating (FFSG) units with electrostatic precipitators; two natural draft cooling towers for FFSG Units 4 and 5; helper mechanical cooling towers for FFSG Units 1, 2 and nuclear Unit 3; coal, fly ash, and bottom ash handling facilities; and, relocatable diesel fired generator(s). The nuclear unit (Unit 3) is not considered part of this permit, although certain emissions units associated with Unit 3 are included in this permit. This facility is subject to regulation under: Acid Rain, Phase II, 40 Code of Federal Regulations (CFR) 75; Clean Air Interstate Rule, Rule 62-296.470, F.A.C.; 40 CFR 60 Subparts A, D, Y, III, JJJ, and OOO General Provisions, Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction Is Commenced After August 17, 1971; Standards of Performance for Coal Preparation Plants; Standards of Performance for Stationary Compression Ignition Internal Combustion Engines; Standards of Performance for Stationary Spark Ignition Internal Combustion Engines and Standards of Performance for Nonmetallic Mineral Processing Plants respectively. The facility is also subject to the regulations of 40 CFR 63 Subparts A and ZZZZ, General Provisions and National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, respectively.

**Permitting Authority:** Applications for Title V air operation permits that contain Acid Rain units are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-213 and 62-214, of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and a Title V air operation permit is required to operate the facility. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, 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 the address indicated above for the Permitting Authority. The complete project file includes the draft/proposed permit, the Statement of Basis, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may view the draft/proposed permit by visiting the following website: <http://www.dep.state.fl.us/air/emission/apds/default.asp> and entering the permit number shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

**Notice of Intent to Issue Air Permit:** The Permitting Authority gives notice of its intent to issue a revised Title V air operation permit to the applicant for the project described above. The applicant has provided reasonable assurance that continued operation of the existing equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a final Title V permit in accordance with the conditions of the draft/proposed 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 draft/proposed Title V air operation permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the close of business (5:00 p.m.), on or before the end of this 30-day period by the Permitting Authority at the above address. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly (FAW). 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 written comments or comments received at a public meeting result in a significant change to the draft/proposed permit, the Permitting Authority shall issue a revised draft/proposed permit and require, if applicable, another Public Notice. For additional information, contact the Permitting Authority at the above address or phone number.

**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 at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. 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 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 rights will be affected by the agency determination; (c) A statement of when and how the 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 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 for this proceeding.

**EPA Review:** EPA has agreed to treat the draft/proposed Title V air operation permit as a proposed Title V air operation permit and to perform its 45-day review provided by the law and regulations concurrently with the public comment period, provided that the applicant also transmits an electronic copy of the required proof of publication directly to EPA at the following email address: [equendo.ana@epamail.epa.gov](mailto:equendo.ana@epamail.epa.gov). Although EPA's 45-day review period will be performed concurrently with the public comment period, the deadline for submitting a citizen petition to object to the EPA Administrator will be determined as if EPA's 45-day review period is performed after the public comment period has ended. The final Title V air operation permit will be issued after the conclusion of the 45-day EPA review period so long as no adverse comments are received that results in a different decision or significant change of terms or conditions. The status regarding EPA's 45-day review of this project and the deadline for submitting a citizen petition can be found at the following website address: <http://www.epa.gov/region4/air/permits/Florida.htm>.

**Objections:** Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 days of the expiration of the Administrator's 45-day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30-day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at <http://www.epa.gov/region4/air/permits/Florida.htm>.