



Progress Energy

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SEP 14 2007

BUREAU OF AIR REGULATION

September 13, 2007

Ms, Corrie Branum
DEP/DARM
North Permitting Section
Division of Air Resource Management
2600 Blair Stone Road MS 5500
Tallahassee, Florida 32399-2400

Re: Crystal River Power Plant – Permit Number 0170004-018-AC – Affidavit of Publication

Dear Ms. Branum:

In accordance with Ms. Trina Vielhauer's letter to Mr. Cumbie dated August 23, 2007, we have published the public notice in the Citrus County Chronicle on September 7, 2007.

Attached is the Affidavit of Publication.

If you have any questions, please contact me at (727) 820-5295. Thank you very much for processing the Construction permit.

Best Regards,

Dave Meyer, P.E.
Senior Environmental Specialist

XC: Bernie Cumbie

Attachment

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

853-0907 FCRN Notice of Intent to Issue Air Permit
PUBLIC NOTICE STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION NOTICE OF
INTENT TO ISSUE AIR PERMIT Florida Department of
Environmental Protection Division of Air Resource
Management, Bureau of Ai

Court, was published in said newspaper in the issues of
September 7th, 2007.

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, 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

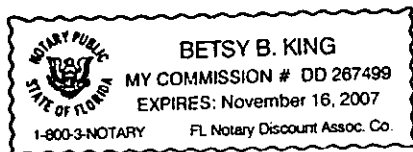
The forgoing instrument was acknowledged before me

This 7th day of September, 2007

By: Mary Ann Naczi

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

Betsy B. King
Notary Public



853-0907 FCRN
Notice of Intent to Issue Air Permit
PUBLIC NOTICE

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NOTICE OF INTENT TO ISSUE AIR PERMIT

Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation
Draft Permit No. PSD-FL-392
Project No. 0170004-018-AC
Progress Energy Florida, Inc., Crystal River Power Plant
Citrus County, Florida

Applicant: The applicant for this project is Progress Energy Florida, Inc. The applicant's authorized representative and mailing address is: Bernie Cumble, Plant Manager, Progress Energy Florida, Inc., Crystal River Power Plant, 299 First Avenue North, CN-77, St. Petersburg, FL 33701.

Facility Location: Progress Energy Florida, Inc. operates the existing Crystal River Power Plant, which is located in Citrus County north of Crystal River, west of U.S. 19 in Crystal River, Florida. The UTM coordinates are Zone 17, 334.3 km east and 3204.5 km north.

Project: Progress Energy Florida, Inc. proposes to construct additional mechanical draft cooling towers, referred to as south cooling towers (SCT) at the Crystal River Power Plant. Additional cooling capacity is needed to support the project to uprate the capacity of existing nuclear Unit 3. Progress Energy plans to install the SCT to help remove the incremental heat generated by the uprate. In addition, the project may replace the existing cooling towers, which are used to reduce the plant discharge water temperature from fossil fuel steam generators units 1, 2, and 3. The project authorizes up to 18 cells arranged in a preliminary nine by two configuration that would operate continuously. If the existing cooling towers are not replaced, fewer cells may be installed. The cooling towers provide direct contact between the cooling water and air passing through the tower. Drift is created when small amounts of cooling water become entrained in the air stream and are carried out of the tower. Particulate matter (PM) is emitted as salt in the water droplets that escape as drift from the tower. The project results in an increase in PM emissions of 97.6 tons/year. The project is subject to review in accordance with Rule 62-212.400, Florida Administrative Code (F.A.C.) for the Prevention of Significant Deterioration (PSD) of Air Quality for PM emissions. Particulate matter with a mean aerodynamic diameter of 10 microns or less (PM10) will be less than the PSD significant emissions rate. Therefore, no air quality analysis is required. Drift eliminators is the control technology used to control PM and PM10 emissions caused by the cooling tower drift.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and F.A.C. Chapters 62-4, 62-210, and 62-212. The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. 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 850/488-0114.

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 of the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site:

<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>

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 proposed 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, 62-296, 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.

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Comments: The Permitting Authority will accept written comments concerning the Draft Permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be post-marked 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 and in a newspaper of general circulation in the area affected by the permitting action. For additional information, contact the Permitting Authority at the above address or phone number. If written comments or comments received at a public meeting result in a significant change to the Draft Permit, the Permitting Authority will issue a revised 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. 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 this 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 state; (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 PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT (Public Notice to be Published in the Newspaper) proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding.

Published one (1) time in the Citrus County Chronicle
September 7, 2007.