



Via Electronic Mail
September 13, 2006

Mr. Robert Bull
Division of Air Resource Management
Florida Department of Environmental Protection
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Tallahassee, Florida 32399-2400
Email: robert.bull@dep.state.fl.us

RE: Comments on Draft PSD Permit No. 101007-007-AC (PSD-FL-379) and Draft Title V Permit Revision No. 1010017-008-AV
Florida Power Corporation dba Progress Energy Florida, Inc.
Anclote Power Plant
Facility ID 1010017
Emissions Unit No. -007, Helper Cooling Towers

Dear Mr. Bull:

Please find below Florida Power Corporation dba Progress Energy Florida, Inc. ("PEF") comments on the draft PSD construction permit and Title V air operation permit for the two new mechanical cooling towers for the Anclote Power Plant.

Draft PSD Construction Permit No. 101007-007-AC (PSD-FL-379):

1. Please note that the name of the permittee is Florida Power Corporation dba Progress Energy Florida, Inc. and update in the documents as needed.
2. Under Section 3. Emissions Unit Specific Conditions, Page 4, Specific Condition 1., the units for the flow per tower are missing and should read as follows:

1. Cooling Tower: The permittee is authorized to construct and operate two new mechanical draft cooling towers, 12 cells each, with the following nominal design characteristics: a circulating flow rate of 660,000 gallons per minute (330,000 gpm per tower); a design air flow of 36,000,000 acfm for both towers (18,000,000 acfm per tower and 1,500,000 acfm per cell); drift eliminators and a drift rate of no more than 0.0005% of the circulating water flow for each tower. [Application No. 1010017-007-AC. Design]

Draft Title V Permit Revision No. 101007-008-AC:

1. Please note that the name of the permittee is Florida Power Corporation dba Progress Energy Florida, Inc. and update in the documents as needed.

Comments on Draft PSD Permit No. 101007-007-AC (PSD-FI.-379) and Draft Title V Permit
Revision No. 1010017-008-AV
Florida Power Corporation dba Progress Energy Florida, Inc.
Anclote Power Plant
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Emissions Unit No. -007, Helper Cooling Towers
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2. Under Section I. Facility Information, Subsection A. Facility Description, Page 2, please consider the following change to clarify the description:

E.U. ID No. ~~Unit~~ -007 consists of two mechanical draft helper cooling towers designed with a circulating water flow rate of 660,000 gallons per minute and drift rate of 0.0005% to control PM/PM10 emissions.

3. Under Section III. Emissions Unit and Conditions, Subsection C. Page 25, the units for the flow per tower are missing and should read as follows:

Two Mechanical Draft Helper Cooling Towers have a combined maximum circulation rate of 660,000 GPM. The design air flow is 36,000,000 acfm for both towers (18,000,000 acfm per tower and 1,500,000 acfm per cell). The drift eliminators are designed for a drift rate of no more than 0.0005% of the circulating water flow for each tower.

4. Under Section III. Emissions Unit and Conditions, Subsection C. Page 25, there is a typographical error with regard to the regulatory citation for the General Preconstruction Review Requirements:

{Permitting note: These emissions units are regulated under ~~62-3213.200~~Rule 62.212.300, F.A.C., General Preconstruction Review Requirements: Rule 62-212.400, F.A.C., Prevention of Significant Deterioration; Rule 62-296.320, F.A.C.}

5. First paragraph, Compliance Plan CP-1, the units related to the flow per tower are missing. See item 3 above.

Thank you for your assistance. Please let me know at (727) 820-5962, if you have any questions.

Sincerely,



Ann Quillian, PE
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Senior Environmental Specialist
Environmental Services Section

cc: Mr. Jeff Koerner, FDEP - Tallahassee
Ms. Cindy Zhang-Torres, FDEP Southwest District