

NOTICE OF THE OPPORTUNITY FOR PUBLIC COMMENT  
Environmental Protection Division  
Georgia Department of Natural Resources

State of Georgia  
County of Effingham

To All Interested Persons and Parties

The Savannah Electric and Power Company proposes to construct and operate two combined-cycle power blocks, each with a nominal power output of 630 megawatts(MWs), at the existing McIntosh Steam-Electric Generating Plant at 981 Old Augusta Road, Rincon, Georgia. The facility name for the power blocks is McIntosh Combined-Cycle Facility. Each power block will be composed of two combustion turbines (nominal output of each 170 MWs), two heat recovery steam generators equipped with duct burners each rated at 541.7 MMBtu/hr, and one steam turbine. Ancillary equipment includes one cooling tower, one 2,000 hp emergency diesel generator, one 208 hp diesel firewater pump, and two 5 MMBtu/hr fuel gas heaters. Each turbine and HRSG exhaust through a common stack. The combustion turbines will be capable of accommodating natural gas (primary), very low sulfur fuel oil (backup), and ultra low sulfur diesel fuel (backup). The duct burners will fire only natural gas. The proposed construction and operation of the McIntosh Combined-Cycle Facility is subject to the Division's Rules for Air Quality Control, Chapter 391-3-1 which includes the Prevention of Significant Deterioration (PSD) Regulations, 40 CFR Part 52.21; the Compliance Assurance Monitoring Regulations, 40 CFR Part 64; the Part 70 Operating Permit Program Regulations, 40 CFR Part 70; and the Acid Rain Regulations, 40 CFR Parts 72-75.

Each combustion turbine and duct burner will be equipped with dry low-NO<sub>x</sub> combustor/burner technology for the minimization of nitrogen oxides emissions during natural gas combustion. Each combustion turbine will be equipped with wet control technology for the minimization of nitrogen oxides emissions during fuel oil combustion. The combined exhaust from the turbines and duct burners will pass through a selective catalytic reduction unit for further control of nitrogen oxides emissions and through a catalytic oxidation unit for control of carbon monoxide and volatile organic compound emissions. Sulfur dioxide, sulfuric acid mist, and particulate matter emissions from the power blocks and ancillary equipment will be minimized through the use of natural gas, very low sulfur fuel oil, and/or ultra low sulfur diesel fuel. [Note: The maximum weight percent sulfur content of the very low sulfur fuel oil is 0.05 and of the ultra low sulfur diesel fuel is 0.0015.]

The PSD regulations allow specific maximum incremental increases in ambient concentrations of particulate matter (PM<sub>10</sub>), sulfur dioxide (SO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>). The Georgia EPD has determined that the maximum predicted impacts of these air pollutants due to the proposed major modification will consume increment as noted below:

Class II Increments

1% of the annual nitrogen oxides increment  
0.8% of the annual PM10 increment  
1.4% of the annual sulfur dioxide increment  
16% of the 24-hour PM10 increment  
14% of the 24-hour sulfur dioxide increment  
7% of the 3-hour sulfur dioxide increment

Cape Romain, South Carolina Class I Increments

0.1% of the annual nitrogen oxides increment  
0.1% of the annual PM10 increment  
<0.01% of the annual sulfur dioxide increment  
0.9% of the 24-hour PM10 increment  
86% of the 24-hour sulfur dioxide increment  
57% of the 3-hour sulfur dioxide increment

Wolf Island, Georgia Class I Increments

0.07% of the annual nitrogen oxides increment  
0.08% of the annual PM10 increment  
1% of the annual sulfur dioxide increment  
1.5% of the 24-hour PM10 increment  
82% of the 24-hour sulfur dioxide increment  
87.2% of the 3-hour sulfur dioxide increment

Okefenokee Class I Increments

0.03% of the annual nitrogen oxides increment  
0.02% of the annual PM10 increment  
0.04% of the annual sulfur dioxide increment  
0.8% of the 24-hour PM10 increment  
3.4% of the 24-hour sulfur dioxide increment  
1.7% of the 3-hour sulfur dioxide increment

The Georgia EPD has concluded that Savannah Electric's air quality application to construct should be approved and that PSD Permit No. 4911-103-0014-V-01-0 should be granted. This conclusion is based upon evidence that the proposed power plant will comply with the Division's Rules and Regulations for Air Quality Control, Chapter 391-3-1; that the emissions from proposed power plant will not cause or contribute to a violation of any applicable National Ambient Air Quality Standard (NAAQS) or Prevention of Significant Deterioration (PSD) increment, and will comply with the PSD Regulations, 40 CFR 52.21, including the use of Best Available Control Technology (BACT) for regulated pollutants. The power blocks along with the ancillary equipment are not expected to result in significant emissions of toxic air pollutants

into the atmosphere. EPD has considered air toxics control in its analyses of BACT and air quality. No sulfur dioxide allowances are proposed to be allocated to the emission units under the Acid Rain permit application.

Georgia EPD also intends to issue Part 70 Air Quality Operating Permit 4911-103-0014-V-01-0 which will incorporate the proposed PSD major modification. Part 70 Operating Permits and Amendments are being prepared in accordance with Part 70 of the Clean Air Act by the Georgia EPD. This PSD/Part 70 air permit will be enforceable by the Georgia EPD and the U.S. Environmental Protection Agency.

You are hereby notified of the opportunity for written public comments concerning applications for an air permit to the McIntosh Combined-Cycle Facility to construct and operate the two power blocks and associated ancillary equipment and EPD's Preliminary Determination concerning the application. The Preliminary Determination is a summary of the technical review of the application and contains a copy of the Company's application, other supporting information submitted by the applicant, and the draft Air Quality Permit. The draft permit serves as both a draft PSD permit to construct and draft Part 70 operating permit.

You are also hereby notified that a public meeting and hearing will be held at 6:00 pm on April 3, 2003, at the following address:

Effingham County Administrative Complex  
601 N. Laurel Street  
Springfield, GA 31329

During the public meeting, representatives from the Georgia EPD will be available to discuss Savannah Electric's application. Following the public meeting a hearing will be held to receive formal comments on Savannah Electric's application. At the public hearing, anyone may present data, make a statement, comment or offer a viewpoint or argument either orally or in writing.

The Preliminary Determination is available for public review during normal business hours at the following locations: (1) Office of the Air Protection Branch, 4244 International Parkway, Atlanta Tradeport - Suite 120, Atlanta, Georgia 30354 and (2) Effingham County Courthouse 601 N. Laurel Street, Springfield, Georgia 31329.

If you require copies of the Title V narrative and Title V application summary, these documents will be available at our internet site, <http://www.air.dnr.state.ga.us/sspp>, by selecting "Draft Title V Permits." If you require copies of the Preliminary Determination, this document will be available at our internet site, <http://www.air.dnr.state.ga.us/sspp>, by selecting "PSD/112(g)/NAA-NSR/PCP Permits." The draft PSD/Part 70 permit and Public Notice/Notice of Hearing documents are available at both internet sites.

To insure their consideration, written comments should be received on or by April 3, 2003. Written comments may be submitted at the public hearing. Written comments may be mailed to: Mr. Jimmy

Johnston, Stationary Source Permitting Program Manager, Air Protection Branch, 4244 International Parkway, Suite 120, Atlanta, Georgia, 30354. After the comment period has expired, and after the public hearing, the Georgia EPD will consider all comments, make any necessary changes and issue a Final Determination relative to the facility's application. Copies of the Final Determination, comments received, and any other relevant information will then be made available for public review during normal business hours at the above designated sites.

For additional information, contact Mr. Jimmy Johnston, Program Manager, Stationary Source Permitting Program, at the Atlanta address, or by phone at 404/363-7000. Please refer to this notice when requesting information.