

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

State of Georgia  
County of Heard

To All Interested Persons and Parties

Oglethorpe Power Corporation (OPC) proposes to construct and operate a “2-on-1” power block (Power Block Number 8) at the Georgia Power Company (Georgia Power) Plant Wansley facility located near Roopville in Heard County, Georgia. The OPC project is called the Wansley Combined-Cycle Energy Facility, Power Block Number 8. OPC has filed applications for: (1) an air quality permit to construct and operate the Wansley Combined Cycle Energy Facility, Power Block No. 8, (Application No. 12684); (2) a Phase II Acid Rain Permit (Application No. 12713); and (3) a Title V operating permit (Application No. 12684).

The Georgia Power – Wansley Steam-Electric Generating Plant (Plant Wansley) originally submitted a permit application (Application No. 11857) for the construction and operation of four additional power blocks at Plant Wansley in November 1999, which included the proposed Power Block Number 8. The authorization for construction of these units was issued on July 28, 2000 and the authorization for operation was issued on November 6, 2000 in Permit No. 4911-149-0001-V-01-2. (NOTE: Each combined-cycle block will include two combustion turbines, each with a supplementally fired (duct burner) heat recovery steam generator and associated support facilities. Each block will have one steam turbine.) Georgia Power has filed a Title V operating permit application for the Georgia Power – Wansley Steam Electric Generating Plant (received as letter dated December 7, 2000 and addendum received as letter dated March 6, 2001 – hardcopy format only) to (1) remove Power Block 8 from Title V Permit Amendment No. 4911-149-0001-V-01-2; and (2) to correct Condition 5.2.1.d in said permit amendment.

Specifically, the equipment which comprises Power Block Number 8, as addressed in OPC’s Application No. 12684, was initially identified as unit designations CT8A, DB8A, CT8B, and DB8B in the Georgia Power-Plant Wansley original permit application and permit. At the time of the original permit application, OPC held a minority share in the overall project involving the four “2-on-1” power blocks. The current business arrangement is for OPC to be responsible for the construction and operation of Power Block No. 8 (i.e., CT8A, CT8B, DB8A, and DB8B, and ancillary equipment). Thus, these permit applications from OPC are for the transfer of these units (i.e., Power Block No. 8) from the existing Georgia Power-Plant Wansley permit to construct and operate to a separate permit issued to OPC.

An additional factor in this permit transfer involves combustion turbine equipment availability. The Georgia Power-Plant Wansley original application listed the combustion turbine equipment as being manufactured by General Electric (GE), specifically turbine model 7FA. OPC is requesting that the permitted equipment be changed to Siemens-Westinghouse (SW) model V84.3a2. This request is based on equipment availability

of the SW units as opposed to the GE units and business conditions requiring the prompt installation and startup of Power Block Number 8.

The Georgia Environmental Protection Division (the Georgia EPD) also intends to (1) issue Part 70 Air Quality Operating Permit 4911-149-0006-V-01-0 to OPC for the Wansley Combined Cycle Energy Facility for Power Block No. 8; and (2) amend the Georgia Power – Wansley Steam Electric Generating Plant Part 70 Air Quality Operating Permit No. 4911-149-0001-V-01-0 through the issuance of Part 70 Air Quality Amendment No. 4911-149-0001-V-01-3 which will remove reference to Power Block No. 8 and which will revise Condition 5.2.1.d. Part 70 Operating Permits and Amendments are being prepared in accordance with Part 70 of the Clean Air Act by the Georgia EPD. This Title V Operating Permit and Permit Amendment 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 the following:

- Applications for a permit to OPC to construct and operate Power Block No. 8 and associated air pollution control 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 and draft Part 70 permit amendment.
- Applications for the removal of Power Block No. 8 from the Georgia Power – Wansley Steam Electric Generating Plant as well as the revision to Condition 5.2.1.d of Part 70 Operating Permit Amendment No. 4911-149-0001-V-01-2, the draft Part 70 permit, and all information used to develop this draft permit.

You are also hereby notified that a public meeting and hearing will be held at 7:00p.m. on October 22, 2001 located at the following address:

Heard County Courthouse  
215 East Court Square  
Franklin, Heard County, Georgia 30217

During the public meeting, representatives from the Georgia EPD will be available to discuss OPC's application. Following the public meeting a hearing will be held to receive formal comments on OPC'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.

EPD has concluded that OPC's applications should be approved and that the said permits should be granted. This conclusion is based upon evidence that the reconfiguration of Power Block No. 8, when completed, will comply with the Division's Rules and Regulations for Air Quality Control, Chapter 391-3-1;

that the emissions from the combined combustion turbine facility represented by Power Block Numbers 6, 7, 8, 9 with the equipment revisions to Power Block Number 8 will not cause any significant deterioration of air quality and will comply with the Federal Prevention of Significant Deterioration (PSD) Regulations, 40 CFR 52.21, including use of Best Available Control Technology (BACT) for regulated pollutants.

EPD will require that OPC equip each combustion turbine and duct burner in the revised Power Block Number 8 with dry low NO<sub>x</sub> burners and to control emissions from the combined combustion turbine and duct burner stack by selective catalytic reduction and catalytic oxidation. Emissions will also be minimized by restricting fuel use to natural gas. The burning of natural gas is not expected to result in significant emissions of toxic pollutants into the atmosphere. EPD has considered air toxics control in its analyses of BACT and air quality.

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 pollutants due to the proposed modification will not increase over that originally published with the original permitting exercise for Power Block Nos. 6, 7, 8, and 9. The Georgia EPD has determined that the maximum predicted impacts of these pollutants due to the operation of Power Block Nos. 6, 7, 8, and 9 will consume six (6) percent of the annual NO<sub>2</sub> PSD increment, 6.5 percent of the annual PM<sub>10</sub> increment, and thirty-one (31) percent of the 24-hour PM<sub>10</sub> increment. Thus EPD has concluded that the facility will not adversely affect the air quality (i.e., exceed the allowable incremental increases in ambient concentrations of PM<sub>10</sub>, SO<sub>2</sub>, and NO<sub>x</sub>). No allowances are proposed to be allocated to the emission units under the Acid Rain permit application.

The information noted below is available for review at the following locations: (1) Office of the Air Protection Branch, 4244 International Parkway, Atlanta Tradeport - Suite 120, Atlanta, Georgia 30354 and (2) Heard County Courthouse 215 East Court Square, Franklin, Georgia from 8:30 am to 5:00 pm.

- For the OPC-WCCEF Project: The Preliminary Determination, SIP Permit Application No. 12684, Phase II Acid Rain Permit Application No. 12713 and Title V Permit Application No. 12684.
- For GPC-Plant Wansley: The draft Part 70 amendment and all information used to develop this draft Part 70 amendment are available for review. This includes the application and all other relevant materials available to the permitting authority.

If you require copies of the draft PSD/Title V OPC permit, PSD/Title V OPC narrative, OPC Title V application summary, draft Title V Georgia Power-Plant Wansley permit, Georgia Power-Plant Wansley Title V narrative, and Georgia Power-Plant Wansley 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."

To insure their consideration, written comments should be received on or by October 22, 2001. 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 do the following:

- Issue a Final Determination relative to OPC'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.
- Make a final decision on the issuance of a Title V Operating Permit Amendment to Georgia Power-Plant Wansley. Copies of this decision, comments received, EPD's responses to comments, and any other relevant information will then be made available for public review during normal business hours at the above designates 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.