

Prevention of Significant Air Quality Deterioration Review

Final Determination

March 30, 2010

Facility Name: Live Oaks Power Plant
City: Sterling
County: Glynn
AIRS Number: 04-13-127-00075
Application Number: 18569
Date Application Received: November 19, 2008



State of Georgia
Department of Natural Resources
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BACKGROUND

On November 18, 2008, Live Oaks Company, LLC (hereafter Live Oaks Power Plant) submitted an application for an air quality permit to construct and operate a combined cycle power plant. The facility is located at Green Swamp Road in Sterling, Glynn County. The proposed project will generate approximately 600 megawatts (MW) of power. The single power block will be fired exclusively with natural gas, and will consist of two combustion turbines, each with a nominal power output of 200 MW; two heat recovery steam generators (HRSGs) with supplemental firing; and one steam turbine with a nominal output of 200 MW. Additional equipment includes a 600 kW emergency generator, a 310 hp emergency firewater pump, two fuel heaters, and a 10-cell mechanical draft cooling tower.

On February 17, 2010, the Division issued a Preliminary Determination stating that the modifications described in Application No. 18569 should be approved. The Preliminary Determination contained a draft Air Quality Permit for the construction and operation of the modified equipment.

The Division requested that Live Oaks Power Plant place a public notice in a newspaper of general circulation in the area of the existing facility notifying the public of the proposed construction and providing the opportunity for written public comment. Such public notice was placed in *The Brunswick News* (legal organ for Glynn County) on February 26, 2010. The public comment period expired on March 29, 2010.

During the comment period, no comments were received from the general public, the U.S. EPA Region IV, or the facility.

A copy of the final permit is included in Appendix A

APPENDIX A

AIR QUALITY PERMIT

4911-127-0075-P-02-0