



Jeb Bush
Governor

Department of Environmental Protection

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3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

David B. Struhs
Secretary

2P TAX
89-235A

February 27, 2002

Mr. Mike Opalinski, Director
Environmental Affairs
Seminole Electric Cooperative, Inc.
P.O. box 272000
Tampa, Florida 33688-2000

Re: Payne Creek Generating Station – Pollution Control Equipment

Dear Mr. Opalinski:

I have reviewed the January 21, 2002, list of environmental components of the Payne Creek Generating Station which you feel qualify to deemed pollution control equipment eligible for assessment under section 193.621, Florida Statutes. Most of the items on your list appear to qualify. The sanitary waste treatment system is not eligible. It is specifically excluded in § 193.621, F.S. The exhaust stacks are questionable. Are they GEP stacks? They do not control or reduce pollution.

Sincerely,

Hamilton S. Oven
Hamilton S. Oven, P.E.
Administrator, Siting
Coordination Office



DEPARTMENT OF
ENVIRONMENTAL PROTECTION

JAN 31 2002

SITING COORDINATION

January 21, 2002

Hamilton S. Oven, Administrator
Siting Coordination Office
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Buck:

Payne Creek Generating Station is located at 6697 County Road 663, Bowling Green, Florida, Zip Code 33834 and has recently gone into commercial operation on January 1, 2002. The facility consists of two (2) 157.5 MW (nominal) combustion turbines (Units CT1 and CT2), two (2) heat recovery steam generators (HRSGs), and a 173 MW (nominal) steam turbine generator for a total facility-wide nominal rating of 488 MW at base load. Each unit will combust pipeline natural gas (primary) and No. 2 low sulfur fuel oil (back-up only) with a sulfur content limit not to exceed 0.05 percent by weight.

Each CT at Payne Creek will be dispatched as a gas-fired base load unit. Each unit is equipped with dry low-NO_x (DLN) combustors and a Selective Catalytic Reduction (SCR) system for NO_x control when firing natural gas (primary fuel) and water injection for NO_x control when firing No. 2 fuel oil (backup fuel). Also, each CT is equipped with a carbon monoxide oxidation catalyst control system. Flue gases from each unit exhaust through separate 18 foot inside diameter circular stacks that have an exit height of 175 feet above ground level. The heat dissipation system for the steam side of the facility consists of a 570 acre cooling reservoir and the associated circulating water piping.

The major environmental components of the Payne Creek Generating Station and a brief description are listed below :

1). Air Pollution Control

- Dry Low NO_x Burners- NO_x control while burning natural gas.
- Water Injection Units- NO_x control while burning fuel oil.
- Selective Catalytic Reduction System(SCR)- NO_x control while burning natural gas.
- CO Oxidation Catalyst- Control of carbon monoxide emissions.
- Continuous Emission Monitoring Systems(CEMS)- To quantify air emissions.
- Exhaust Stacks- Air emissions dispersal.

2). Water Pollution Control

Site Drainage System- Prevents discharge of stormwater pollutants.
Sanitary Waste Treatment System- Treatment of domestic wastewater prior to disposal.
Oil Water Separator- Removal of oil in wastewater prior to discharge to reservoir.
Wastewater Treatment System- pH adjustment of low volume wastes.
Circulating Water Piping- Heat dissipation system component
Circulating Water Intake Structure-heat dissipation system component.
Circulating Water Discharge Structure- Heat dissipation system component.

3). Oil Containment Systems

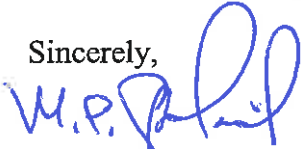
Fuel Oil Containment System- Tank secondary containment berm, liner, double walled piping and tank truck unloading spill containment.
Transformer Oil Containment- Foundation secondary containment.
Waste Oil / Paint Storage Building- Closed storage / containment.

4). Other

Heat Recovery Steam Generator(HRSG) Silencer- Noise abatement.

All of the components listed above are integral parts of this facility's pollution control system, and therefore should qualify for tax abatement in Hardee County, Florida. We would request confirmation of their status as pollution control equipment at your earliest convenience. If you have any questions or require additional documentation please call me at (813) 963-0994, ext 1233.

Sincerely,



Mike Opalinski
Director of Environmental Affairs