

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 64-25610

FLORIDA POWER AND LIGHT COMPANY
COAL PULVERIZER, SANFORD UNIT NUMBER 4,
VOLUSIA COUNTY

DATE OF ISSUANCE

JANUARY 31, 1980

DATE OF EXPIRATION

NOVEMBER 30, 1980

Jacob D. Varn

JACOB D. VARN, SECRETARY
FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION

Final Determination

Florida Power and Light Company
Coal Pulverizer, Sanford Unit Number 4,
Volusia County

Construction Permit
Application Number:

AC 64-25610

Florida Department of Environmental Regulation

Bureau of Air Quality Management

Central Air Permitting

January 30, 1980

Florida Power and Light Sanford Coal Preparation Plant
and Coal-Oil Mixing Facility Final Determination

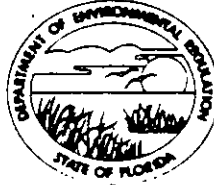
The construction application has been reviewed by the Department. Public notice of the Department's intent to issue was published in the Sanford Evening Herald and the Seminole Little Sentinel on December 26, 1979. The preliminary determination and technical evaluation were available for public inspection at the Seminole County Courthouse, the DER St. Johns River District office and the Bureau of Air Quality Management.

Only one response was received, from Mr. Wilbur L. Dumph of Rt. 1, Box 208-A, Sanford. Mr. Dumph's comments were more general and did not justify any modifications to this permit.

One change was made to clarify the intent of transition from construction to operational status, specifically condition number 8, which requires submission of an application for an operating permit after demonstration of compliance and before operational use of the facility. The expiration data was extended by 90 days to provide time for issuance of the operating permit prior to expiration of the construction permit.

It is recommended that the construction permit be issued with those amendments.

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR

JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: Florida Power & Light Company
P. O. Box 529100
Miami, Florida 33152

PERMIT/CERTIFICATION
NO. AC 64-25610

COUNTY: Volusia

PROJECT: Coal Pulverizer,
Coal-oil mixer

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 and 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

The installation of a coal handling and pulverizing facility at Sanford Unit #4, Barwick Road, near Sanford, in Volusia County, Florida. This facility is being constructed to provide a coal-oil mixture for an initial 120 day test burn period at Sanford unit #4.

The universal transverse mercators and latitude and longitude coordinates are 468.340 Easting by 3190.380 Northing, and 28°50'40" North by 81°33'11" West, respectively.

Construction shall be in accordance with the attached permit application, attached plans, documents and drawings except as otherwise noted on page 3, "Specific Conditions".

Attachments are as follows:

1. "Application to Construct Air Pollution Sources" DER Form 17-1.122(16).
2. "Limitation of prepermit Construction letter, Nov. 24, 1979, Mary Clark, to W.J. Barrow.
3. Testimony of George Bastien, Nov. 29, 1979.
4. "Answers to Supplementary Questions from DER". (Given to Bechtel by W. J. Barrow at the conclusion of the 11/30/79 Hearing)

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed

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P. O. Box 529100

on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

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P. O. Box 529100

SPECIFIC CONDITIONS

1. The maximum allowable emissions from the pulverizing operation shall be:

Pollutants	Pounds/hr.	Tons/yr.
Particulate	7.7	11.09


2. The maximum allowable emissions from the gas fired air heater serving the pulverizer shall be:

Pollutants	Pounds/hr.	Pounds/yr.
Particulates	0.1	10.0

3. The maximum hours of operation shall be 24 hours/day, for a total of 2880 hours, the tolling of which shall commence upon issuance of the operation permit.
4. The maximum fuel consumption shall be 400 CFM of natural gas to the pulverizer air heaters,
5. The maximum coal input to the pulverizer shall be 96,000 pounds per hour.
6. Any material deviation in construction or the modes of operation as specified shall be reported to the Bureau of Air Quality Management (BAQM) immediately.
7. The operating permit shall require maintenance of records reflecting hours of operation, coal and oil inputted to the pulverizer and mixer, amount of coal-oil mixture produced and amounts of fuel consumed, by fuel type. Said records shall be submitted to the BAQM immediately following the 120 day test period.

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8. Permittee shall notify the Bureau of Air Quality Management prior to any compliance testing of the facility and shall submit a test plan for approval. Upon demonstration of compliance with the operational limits of this permit and submission of a complete application for an operation permit to the St. Johns River FDER office prior to 90 days before expiration of this permit, permittee may continue to operate in compliance with all terms of this permit until expiration of this permit or issuance of an operating permit.



Jacob D. Varn
Secretary

Expiration Date: November 30, 1980

Issued this 31ST day of JANUARY, 19 80.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION