



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO : Bobby A. Cooley, P.E. *Edm 2/11*
THROUGH: Ed K. Middleswart, P.E.
FROM : Andy Allen, R. J. Prusa
DATE : January 19, 1993
SUBJECT: Evaluation Summary for A023-222492

We recommend issuing a renewal operation permit to Florida Power Corporation to operate St. Joe Peaking Unit No. 1. This source was previously permitted under A023-144681.

Process Description St. Joe Peaking Unit No. 1 is a combustion gas turbine fueled with No. 2 fuel oil with a maximum sulfur content of 0.5%.

Pollution Control Equipment Particulate emissions are controlled by efficient combustion. SO₂ emissions are controlled by limiting hours of operation to 1,650.

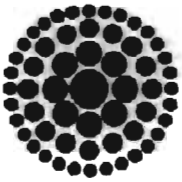
Environmental Impact Properly operated, this source emits 7.56 lb/hr particulates, 102.51 lb/hr NO_x and 105.84 lb/hr SO₂ based on AP-42 calculations.

Applicable Rules & Regulations This source is regulated in accordance with FAC Rule 17-296.310 [17-2.610], which limits visible emissions to 20% opacity.

Compliance Monitoring Compliance is verified by a visible emissions test due in 1997 before the end of September unless the source is operated more than four days of emergency use.

Compliance History The latest VE tests were conducted on January 1, 1992. The results were 0.0% opacity for 30 minutes. The 1992 AOR reported this source operated for 55 hours.

RJP:rpc



**Florida
Power**
CORPORATION

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DEC 30 1994

Northwest Florida
DEP

December 22, 1994

Mr. Edwin Middleswart
Florida Department of Environmental Protection
Northwest District
160 Governmental Ctr
Penacola, Florida 32501

*Edwin
12/30* → *Carlynn
file 12/31*

Dear Mr. Middleswart:

Re: Emission Testing
Port St. Joe Peaking Unit
Permit No: AO23-222492

Florida Power Corporation hereby requests a waiver from visible emission testing requirements on the above referenced units. The visible emissions compliance test can be waived by rule, if the fuel oil has not been used to fire these peaking units for more than 400 hours for the previous 12 months and if it is not expected to be used to fire the peaking units for more than 400 hours during the next 12 months.

This unit was fired on oil as follows:

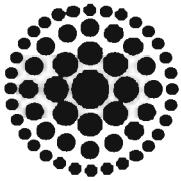
<u>Unit</u>	<u>Operated on Oil(Hours)</u> (As of November 30, 1994)
P-1	15.6

If further information is needed on this issue, please call me at (813)8664511.

Sincerely,

W W Vierday

W. W. Vierday, P.E.
Air Section, Environmental Programs



**Florida
Power**
CORPORATION

March 9, 1993

Mr. Andrew Allen
Florida Department of Environmental Regulation
160 Governmental Center
Pensacola, FL 32501

RECEIVED
MAR 12 1993
Northwest Florida
DER

Dear Mr. Allen:

Re: Port St. Joe Peaking Unit Air Operating Permit
Permit Number A023-222492, Source ID 10PCY23000301

As we discussed recently over the telephone, Florida Power Corporation (FPC) would like to comment on one of the conditions of the above-referenced permit. Specific Condition 4 is written as follows:

4. *This source shall not be operated except for emergency use for more than four days unless:*
 - A. *The permittee advises the Department in writing of such operation within seven days thereafter, and*
 - B. *A visible emissions compliance test is conducted within the first 30 days of such operation.*

This condition appears to be carried over from the permit issued in February, 1983 when the unit was in a cold shutdown/emergency use only status. Specific Condition 2, which allows the unit to operate 1,650 hours per year, was added to the permit issued on March 1, 1988, when the unit was taken off emergency use only status. As we discussed, Rule 17-2.700 requires a visible emissions test only if a unit's actual operation totals more than 400 hours in a year. Therefore, Specific Condition 4 should be changed to more correctly reflect regulatory requirements and the unit's operating status. FPC requests that the condition's language be changed to that which is contained in other FPC peaking unit operating permits. This change would also have an effect on the language in Specific Condition 5, because it addresses visible emissions as well. FPC offers the following alternative language for Specific Conditions 4 and 5:

4. *Test the peaking unit for visible emissions annually if the unit operated more than 400 hours during the preceding year, pursuant to Subsection 17-2.700(2)(a)5., F.A.C. The permittee shall notify the Department at least fifteen (15) days prior to the date of such compliance testing. Submit a copy of the test data to the Air Section of the Northwest District Office within forty-five (45) days of completion of the testing. Pursuant to Subsection 17-2.700(2)(a)8., F.A.C., a visible*

Mr. Andrew Allen
March 9, 1993
Page Two

emissions compliance test shall be conducted in 1997 before the end of September to be submitted with the application for renewal of this permit.

5. Compliance with the emission limitations of Specific Condition 3 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Section 17-2.700, F.A.C. Pursuant to Subsection 17-2.700(1)(d)1.b., F.A.C., the visible emissions compliance test shall be conducted by a certified observer and be a minimum of thirty (30) minutes in duration. The minimum requirements for source sampling and reporting shall be in accordance with Section 17-2.700, F.A.C.

Thank you for your consideration of this requested change. Please contact me at (813) 866-4344 if you have any questions.

Sincerely,



J. Michael Kennedy
Senior Environmental Specialist

cc: Mr. Albert W. Morneault, P.E.



**Florida
Power**
CORPORATION

February 22, 1993

Mr. Jeff Braswell, Esq.
Office of General Counsel
Florida Department of Environmental Regulation
2600 Blainstone Road
Tallahassee, FL 32399-2400

0450003

Dear Mr. Braswell:

Re: Port St. Joe Peaking Unit Air Operating Permit
(Permit Number A023-222492) Gulf

On February 12, 1993 Florida Power Corporation (FPC) received the referenced permit. FPC would like to comment on portions of the permit. In accordance with Rule 17-103.070, FPC respectfully requests an additional extension of the time in which to file for an administrative hearing, up to and including April 30, 1993. Mr. Andrew Allen of FDER has been contacted regarding this request and has given his concurrence.

Thank you for your consideration of this request. Please contact Mr. Mike Kennedy of my staff at (813) 866-4344 if you have any questions.

Sincerely,

W. Jeffrey Pardue, Manager
Environmental Programs

cc: Mr. Andrew Allen, FDER - Pensacola
Mr. Albert W. Morneault, P.E.

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FEB 25 1993

Northwest Florida
DER



David L. Miller
Senior Vice President
Corporate Services

February 9, 1993

TO WHOM IT MAY CONCERN

Subject: Letter of Authorization

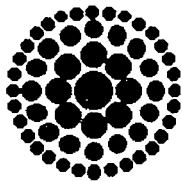
Please be advised that Patricia K. Blizzard, Director, Environmental Services Department, Mr. W. W. Vierday, Manager of Environmental Programs, and Mr. W. Jeffrey Pardue, Manager of Environmental Programs, are authorized to represent Florida Power Corporation in matters relating to necessary permits and reporting documentation required from regulatory authorities in the areas of air, water, power plant site certifications and transmission line certifications, or hazardous and solid materials issues.

Sincerely,

A handwritten signature in black ink, appearing to read "David L. Miller", written over a large, stylized circular flourish.

David L. Miller

DLM:mlp



**Florida
Power**
CORPORATION

Eclar
1/11

January 7, 1993

Mr. E. K. Middleswart, P.E.
Program Administrator, Air Resources Management
Florida Department of Environmental Regulation
160 Government Center
Pensacola, Florida 32501

Dear Mr. Middleswart:

Re: Additional Information
Renewal of Air Operating Permit
Port St. Joe Peaking Unit P1
AO-23-144681, ID 10PCY23000301
File No. AO 23-222492

01-11-93

When Replying Indicate in the Upper Right Hand Corner the Following: ADDITIONAL INFORMATION FILE NUMBER <i>AO 23-222492</i>
--

Florida Power Corporation hereby submits the attached emission calculation as requested in your letter dated December 21, 1992 and conversation with Mr. Rick Prusa of your office on January 5, 1993.

These calculations for Particulate, Nitrogen Oxides, and Sulfur Dioxides were based on the following assumptions:

1. The emission factors used were obtained from US EPA AP-42 standards.
2. The Unit operating hours were set to a maximum of 1650 hours as stated in the existing permit in Special Condition Number 20.
3. The fuel use rate was 36 Bbl/Hr.

Should you have any further questions concerning this permit renewal, please feel free to contact me at (813) 866-5162.

Sincerely,

Albert W. Morneault, P. E.
Air Section, Environmental Programs

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JAN 11 1993

**Northwest Florida
DER**

**FLORIDA POWER CORPORATION
CALCULATIONS FOR POTENTIAL EMISSIONS**

SOURCE NAME: PORT ST. JOE PEAKING UNIT 1

PERMIT NO.:	AO 23-144681
FILE NO.:	AO 23-222492

MAX. POTENTIAL OPERATING HOURS:	1650.0
---------------------------------	--------

	BBL	GAL/1000	% SULFUR
FUEL NO 2	59,400	2,494.80	0.500

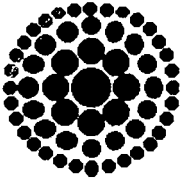
PARTICULATES	
$(5 \text{ lbs/1000 gal}) * (\text{FUEL (gal/1000)}) / 2000 \text{ lbs/ton} = \text{TONS/YR}$ $(\text{tons/yr}) * (2000 \text{ lbs/ton}) / (\text{hr/yr}) = \text{LBS/HR}$	AP-42 EMISSION FACTORS (Lbs./1000 Gal)
6.24 TONS/YR. 7.56 LBS/HR.	5

NOX	
$(67.8 \text{ lbs/1000 gal}) * (\text{FUEL (gal/1000)}) / 2000 \text{ lbs/ton} = \text{TONS/YR}$ $(\text{tons/yr}) * (2000 \text{ lbs/ton}) / (\text{hr/yr}) = \text{LBS/HR}$	AP-42 EMISSION FACTORS (Lbs./1000 Gal)
84.57 TONS/YR. 102.51 LBS/HR.	67.8

SO2	
$(140 \text{ lbs/1000 gal}) * (\%S) * (\text{FUEL (gal/1000)}) / 2000 \text{ lbs/ton} = \text{TONS/YR}$ $(\text{tons/yr}) * (2000 \text{ lbs/ton}) / (\text{hr/yr}) = \text{LBS/HR}$	AP-42 EMISSION FACTORS (Lbs./1000 Gal)
87.32 TONS/YR. 105.84 LBS/HR.	140

These calculations have been prepared by A. W. Morneault, P.E. 14054 on 1/5/93.
File:PSJPOEM

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JAN 11 1993
 Northwest Florida
 DER



**Florida
Power**
CORPORATION

November 27, 1992

Mr. Bob Tooley, Acting Manager
Northwest District
Florida Department of Environmental Regulation
160 Government Center
Pensacola, Florida 32501

Dear Mr. Tooley:

Re: Renewal of Air Operating Permit
Port St. Joe Peaking Unit P1
AO-23-144681, ID 10PCY23000301

Florida Power Corporation hereby submits the attached four copies of the application for the renewal of this permit, the engineer's certification, and a check in the amount of \$1,000.00 for the filling fee as set forth in FAC 17-4.05 for the above cited unit.

Should you have any questions concerning this request, please feel free to contact me at (813) 866-5162.

Sincerely,

Albert W. Morneault, P. E.
Air Section, Environmental Programs

Attachments

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DER



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # _____
Form Title _____
Effective Date _____
DER Application No. _____
Filed with DER # _____

A023-222492

APPLICATION FOR RENEWAL OF PERMIT TO OPERATE AIR POLLUTION SOURCE(S)

If major alterations have occurred, the applicant should complete the Standard Air Permit Application Form.

Source Type: Combustion Turbine Renewal of DER Permit No. A023-144681

Company Name: Florida Power Corporation County: Gulf

Identify the specific emission point source(s) addressed in this application (i.e., Lime Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired):

Port St. Joe Peaking Unit #1

Source Location: Street: 10th Street City: Port St. Joe

UTM: East 84655 North 3304562

Latitude: 29° 48' 12"N. Longitude: 85° 17' 45"W.

- 1. Attach a check made payable to the Department of Environmental Regulation in accordance with operation permit fee schedule set forth in Florida Administrative Code Rule 17-4.05.
2. Have there been any alterations to the plant since last permitted? [] Yes [X] No
3. Attach the last compliance test report required per permit conditions if not submitted previously.
4. Have previous permit conditions been adhered to? [X] Yes [] No
5. Has there been any malfunction of the pollution control equipment during tenure of current permit? [] Yes [X] No
6. Has the pollution control equipment been maintained to preserve the collection efficiency last permitted by the Department? [X] Yes [] No
7. Has the annual operating report for the last calendar year been submitted? [X] Yes [] No

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Northwest Florida DER

DER Form 17-1.202(4) Effective November 30, 1982

Page 1 of 2

Northwest District 180 Governmental Center Pensacola, Florida 32501-5794

Northeast District 3426 Bliss Rd. Jacksonville, Florida 32207

Central District 3319 Maguire Blvd, Suite 232 Orlando, Florida 32803-3787

Southwest District 4520 Oak Fair Blvd Tampa, Florida 33610-7347

South District 2259 Bay St Fort Myers, Florida 33901-2896

Southeast District 1900 S Congress Ave, Suite A West Palm Beach, Florida 33406

8. Please provide the following information if applicable:

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Utilization	
	Type	%wt	Rate	lbs/hr


B. Product Weight (lbs/hr): _____

C. Fuels

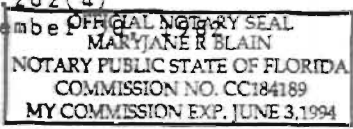
Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	Avg/hr*	Max/hr**	
No. 2 Fuel Oil	36 Bbl/hr.	36Bbl/hr.	212

D. Normal Equipment Operating Time: hrs/day _____; days/wk _____; wks/yr _____;
 hrs/yr (power plants only) 8760; if seasonal, describe _____

The undersigned owner or authorized representative*** of Florida Power Corporation is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted facility.


 Signature, Owner or Authorized Representative
 (Notarization is mandatory)
W. Jeffrey Pardue, Manager - Environmental Programs
 Typed Name and Title
 P.O. Box 14042
 Address
 St. Petersburg City FL 33733
 (813) 866-4387
 Date 11-23-92 Telephone No.

*During actual time of operation.
 **Units: Natural Gas-MMCF/hr;
 Fuel Oils-barrels/hr; Coal-lbs/hr.
 ***Attach letter of authorization if not previously submitted

DER Form 17-1, 202(4)
 Effective November 1, 1992


Page 2 of 2
 W. Jeffrey Pardue appeared before me this
 23rd day of November, 1992.
 Mary R. Blain

OPERATION PERMIT RENEWAL
Professional Engineer Certification

This certification must be attached to the renewal application(required by Rule 17-4.050(3), FAC) for:

Company Name: FLORIDA POWER CORPORATION
Source Name: PORT ST. JOE PEAKING UNIT 1
Source Permit No.: AO 23-1144681
Source ID: 10PCY23000301
County: GULF

PROFESSIONAL ENGINEER REGISTERED IN FLORIDA
(WHERE REQUIRED BY Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgement, that the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with applicable Statutes of the State of Florida.

Albert W. Morneau
Name

Florida Power Corporation
Company Name

3201 - 34th Street South
Street Address

St. Petersburg, FL 33733
City, State, and Zip Code

Affix Seal

Signed: Albert W. Morneau

Florida Registration No. 14054

Date: 11/24/92

Telephone No. 813/866-5162

Taken From DER Form 17-1.202(1)

g:\user\amorneau\emtest\pspcert.frm

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NOV 30 1992

Northwest Florida
DER

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHWEST DISTRICT
180 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501-5794



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY
ROBERT V. KRIEDEL
DISTRICT MANAGER

March 29, 1988

Mr. J. A. Hancock, Vice President
Florida Power Corporation
Fossil Operation
Post Office Box 14042
St. Petersburg, Florida 33733

Dear Mr. Hancock:

This is in response to a letter from Mr. A. W. Morneault dated March 14, 1988. By this letter, permit A023-144681 is modified.

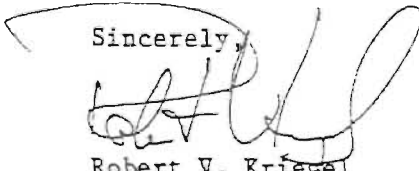
The maximum sulfur content of the number 2 oil is increased from 0.37% to 0.50%.

An additional specific condition is added:

20. The hours of operation of this source shall be limited to 1650 hours per calendar year.

This letter shall be attached to and made a part of permit A023-144681.

Sincerely,



Robert V. Kriegel
District Manager

RVK/jpl



Interoffice Memorandum

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

TO: Robert V. Krieger *RVK*
THROUGH: Thomas W. Moody, P.E. *TW*
Ed K. Middleswart *Ed M 3/25*
FROM: Jack Preece *JP*
DATE: March 24, 1988
SUBJECT: Evaluation Summary, AO23-144681

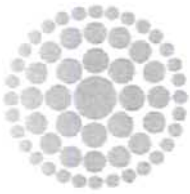
*2/25/88 Certification
remains valid.
m*

I recommend modifying the operation permit recently issued to Florida Power for operation of a peaking unit at Port St. Joe. They requested an increase in % sulfur in the #2 fuel oil from 0.37% to 0.50%.

This is a small increase in SO₂ emissions from a source that is actually a minor source because of very limited hours of operation (at present, it is actually in extended cold shutdown.) However, the source potentially could be operated 8760 hours per year and be a major source with the proposed increase %~~5~~ being subject to a PSD review. Therefore, an added condition to the modified permit limits hours of operation to 1650 hours per year, thus, formally establishing it as a minor source (below 100 Tons SO₂/year) and not subject to PSD review.

Florida Power agrees to the limited hours of operation because ~~is~~ it probably won't operate at all (or at most, much less than 1650 hours/year.)

JP/jpl



Florida Power
CORPORATION

RECEIVED
MAR 21 1988
Northwest Florida
PER

A023-147181

March 14, 1988

Mr. Robert V. Kriegel
Manager, Northwest District
Department of Environmental Regulation
160 Governmental Center
Pensacola, FL 32501-5794

RE: PERMIT NO. A023-144681
ID NO. 10PC423000301
PORT ST. JOE PEAKING UNIT

Dear Mr. Kriegel:

Florida Power Corporation has reviewed the above cited permit. We request the wording be changed on page 1, paragraph 2 as follows:

A combustion gas turbine fueled with November 2 oil with a maximum sulfur content of ~~0.37%~~ 0.50%.

Reasons: We are currently able to purchase fuel oil with a content of as high as .33% sulfur. The 0.50% would allow a higher degree of freedom to purchase fuel on the spot market.

This change has been discussed with Mr. Jack W. Preece, and he has concurred.

Should further information be needed, feel free to call me at (813)866-5162.

Sincerely,

A.W. Morneault

A.W. Morneault
Environmental and Licensing Affairs

AWM/bm

Scale -
potential TPY SO₂

$$= \left(96 \frac{\text{BBL}}{\text{hr}} \right) \left(\frac{42.5 \text{ gal}}{\text{BBL}} \right) \left(\frac{8 \text{ W}}{500} \right) \left(\frac{0.5 - .37}{100} \right) \left(\frac{64}{32} \right) \frac{8760}{2000}$$

$$= 367 \text{ TPY SO}_2 \quad \text{Ed W}$$

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHWEST DISTRICT
160 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501-5794



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY
ROBERT V. KRIEDEL
DISTRICT MANAGER

PERMITTEE: I.D. Number: 10PCY23000301
Florida Power Corporation Permit/Certification Number: A023-144681
Date of Issue: MAR 01 1988
Expiration Date: February 1, 1993
County: Gulf
Latitude/Longitude: 29°48'12"N/85°17'45"W
Section/Township/Range: 6/8S/10W
Project: St. Joe Peaking Unit No. 1

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

Operation of the St. Joe Peaking Unit No. 1. A combustion gas turbine fueled with Number 2 oil with a maximum sulfur content of 0.37%. Particulates are not controlled other than clean fuel and efficient combustion.

Located at the north end of 10th Street, Port St. Joe.

PERMITTEE:

Florida Power Corporation

I.D. Number: 10PCY23000301

Permit/Certification Number: A023-144681

Date of Issue: MAR 01 1988

Expiration Date: February 1, 1993

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 Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement 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 applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.
3. As provided in Subsections 403.087(6) and 403.722(5), 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. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use 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.
5. 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 therefor 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, unless specifically authorized by an order from the department.
6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

PERMITTEE:

Florida Power Corporation

I.D. Number: 10PCY23000301

Permit/Certification Number: A023-144681

Date of Issue:

MAR 01 1988

Expiration Date: February 1, 1993

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of this permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. 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 noncompliance; and
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

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.

9. 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 prescribed by Sections 403.73 and 403.111, Florida Statutes.

PERMITTEE:

Florida Power Corporation

I.D. Number: 10PCY23000301

Permit/Certification Number: A023-144681

Date of Issue: MAR 01 1988

Expiration Date: February 1, 1993

GENERAL CONDITIONS:

10. The 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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.
- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurement;
 - the person responsible for performing the sampling or measurement;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

PERMITTEE:

Florida Power Corporation

I.D. Number: 10PCY23000301

Permit/Certification Number: A023-144681

Date of Issue: MAR 01 1988

Expiration Date: February 1, 1993

GENERAL CONDITIONS:

14. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

SPECIFIC CONDITIONS

15. Visible emissions shall not exceed 20% opacity under normal operating conditions.

16. This source shall not be operated except for emergency use for more than four days unless:

A. The permittee advises the Department in writing of such operation within seven days thereafter, and

B. A visible emission compliance test is conducted within the first 30 days of such operation.

17. Visible emissions tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. Tests shall be conducted in accordance with EPA method 9. Such tests shall be conducted in 1992 before the end of September to be submitted with the application for renewal of this permit. More frequent tests may be required if Department inspections show a need for such tests. A visible emissions test to comply with Condition 16 conducted after September 1991 shall fulfill the requirement of this condition.

18. An annual operation report (DER Form 17-1.202(6) attached) shall be submitted by March 1 each year. The attached form shall be reproduced by the permittee and used for future annual submittals. Please submit this form with zero actual operating hours for any year not in operation.

19. The permanent source identification number for this point source is 10PCY23000301. Please cite this number on all test reports and other correspondence specific to this permitted point source.

PERMITTEE:

Florida Power Corporation

I.D. Number: 10PCY23000301

Permit/Certification Number: A023-144681

Date of Issue: MAR 01 1988

Expiration Date: February 1, 1993

SPECIFIC CONDITIONS:

Expiration date:

February 1, 1993

Issued this 1st day of March,
1988.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



ROBERT V. KRIEDEL
District Manager



Interoffice Memorandum

For Routing To Other Than The Addressee

To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

TO: Robert V. ~~Kridger~~ *Kridger*

THROUGH: Thomas W. Moody, P.E. *TM*
Ed K. Middleswart *Ed M 2/23*

FROM: Jack Preece *JP*

DATE: February 22, 1988

SUBJECT: Evaluation Summary, AO23-144681

I recommend issuance of an operation permit to Florida Power Corporation to operate Port St. Joe Peaking Unit #1. This unit has previously operated under AO23-64926.

The source is a combustion gas turbine fueled with #2 oil, with a maximum of 0.37% sulfur.

This source is regulated in accordance with FAC Rule 17-2.610(2) which limits visible emissions to 20% opacity.

This source is actually on cold stand-by since August 1, 1984 and has not been operated.

Compliance shall be verified with a visible emission test in 1992 prior to the end of September for permit renewal or sooner if it is used for over four days of emergency use.

The last compliance test was conducted March 13, 1978, with results of 2.3% opacity.

JP/jpl



**Florida
Power**
CORPORATION

February 27, 1987

Mr. Robert V. Kriegel
Florida Department of Environmental Regulation
160 Governmental Center
Pensacola, FL 32501

Subject: Florida Power Corporation
Permit No. AO23-64926
1986 Annual Operation Report

Florida Power Corporation is not submitting an Annual Operation Report for the year 1986 for its Port St. Joe combustion turbine as the unit was not in operation during 1986. This unit is in extended cold shutdown.

If you have any questions or concerns regarding this unit, please contact me at (813) 866-4481.

Sincerely,

E. R. Macinski
Environmental & Licensing Affairs

ERM:dr

RECEIVED

FEB 1 1988

Department of Florida
DER

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2500 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

AC83-144681

APPLICATION FOR RENEWAL OF
PERMIT TO OPERATE AIR POLLUTION SOURCE(S)

If major alterations have occurred, the applicant should complete the Standard Air Permit Application Form.

Source Type: Combustion Turbine Renewal of DER Permit No. A023-64926

Company Name: Florida Power Corporation County: Gulf

Identify the specific emission point source(s) addressed in this application (i.e., Lime Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired):

Port St. Joe Peaking Unit #1

Source Location: Street: 10th Street City: Port St. Joe

UTM: East 84655 North 3304562

Latitude: 2 9° 4 8' 1 2"N. Longitude: 8 5° 1 7' 4 5"W.

1. Attach a check made payable to the Department of Environmental Regulation in accordance with operation permit fee schedule set forth in Florida Administrative Code Rule 17-4.05.
2. Have there been any alterations to the plant since last permitted? Yes No
If minor alterations have occurred, describe on a separate sheet and attach.
See attached letter dated 7/30/84
3. Attach the last compliance test report required per permit conditions if not submitted previously.
See attached letter dated 2/27/87
4. Have previous permit conditions been adhered to? Yes No If no, explain on a separate sheet and attach.
5. Has there been any malfunction of the pollution control equipment during tenure of current permit? Yes No. If yes, and not previously reported, give brief details and what action was taken on a separate sheet and attach.
6. Has the pollution control equipment been maintained to preserve the collection efficiency last permitted by the Department? Yes No
7. Has the annual operating report for the last calendar year been submitted? Yes No If no, please attach.
See attached letter dated 2/27/87

RECEIVED

FEB 1 1988

Northwest Florida
DER

1. Please provide the following information if applicable:

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Utilization	
	Type	Wt	Rate	lbs/hr

B. Product Weight (lbs/hr): _____

C. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Inout (MMBTU/hr)
	Avg/hr*	Max/hr**	
No. 2 Fuel Oil	36	36	212

D. Normal Equipment Operating Time: hrs/day _____; days/wk _____; wks/yr _____;
 hrs/yr (power plants only) 8760; if seasonal, describe _____

The undersigned owner or authorized representative*** of Florida Power Corporation is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 40J, Florida Statutes, and all the rules and regulations of the Department. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted facility.

- *During actual time of operation.
- **Units: Natural Gas-MMCF/hr;
Fuel Oils-barrels/hr; Coal-lbs/hr.
- ***Attach letter of authorization if not previously submitted

P. A. Hancock for J. A. Hancock
 Signature, Owner or Authorized Representative
 (Notarization is mandatory)
J.A. Hancock, Vice President, Fossil Operations
 Typed Name and Title
 P.O. Box 14042
 Address
 St. Petersburg FL 33733
 City State Zip
1/25/88 Date
 (813)866-4524 Telephone No.

Sworn to and subscribed before me this 25th day of January, 1988.

Ella Mae Blair
 NOTARY PUBLIC
 NOTARY PUBLIC STATE OF FLORIDA
 BY COMMISSION EXP. JAN 28, 1991
 BOUND THRU GENERAL INS. UND.



July 30, 1984

Mr. Robert V. Kriegel
District Manager
Department of Environmental Regulation
160 Governmental Center
Pensacola, FL 32501-5794

Subject: Port St. Joe Peaking Unit
Permit No. A023-64926

Dear Mr. Kriegel:

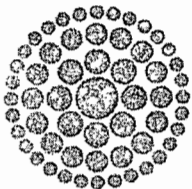
Please be advised that the subject peaking unit is in the process of being placed in long term standby and is not scheduled to operate in the foreseeable future. When this unit is placed back into operation, your office will be notified and the unit tested within 30 days of startup.

Should you have any questions, please advise.

A handwritten signature in dark ink, appearing to read "J. A. Hancock".

J. A. Hancock
Vice President, Fossil Operations

Hancock (M01)C3-1



**Florida
Power**
CORPORATION

A033-144681

January 26, 1988

Mr. R.V. Kriegel
District Manager, Northwest District
Florida Department of Environmental Regulation
160 Governmental Center
Pensacola, FL 32501

RE: RENEWAL OF AIR OPERATING PERMITS
PORT ST. JOE PEAKING UNIT 1

Dear Mr. Kriegel:

Enclosed are four copies of the application for renewal of the above cited unit and check No. 985719 for \$100.00 for the filing fee as set forth in FAC 17-4.05.

Since August 1, 1984, this unit has been in long term reserve standby and has not operated. In accordance with FAC 17-2.210(2)(c)4., this unit can be renewed in five year increments.

In order to assist you in writing this new permit, I am enclosing a permit received for a similar unit in another district.

Should you have any questions in regards to this issue, feel free to call me at (813)866-5162.

Sincerely,

A.W. Morneault

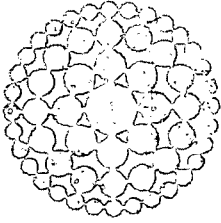
AWM:bm

Enclosure

RECEIVED

FEB 1 1988

Northwest Florida
DER



RECEIVED

AUG 06 1984

FLORIDA

**Florida
Power**
CORPORATION

July 30, 1984

Mr. Robert V. Kriegel
District Manager
Department of Environmental Regulation
160 Governmental Center
Pensacola, FL 32501-5794

Subject: Port St. Joe Peaking Unit
Permit No. A023-64926

Dear Mr. Kriegel:

Please be advised that the subject peaking unit is in the process of being placed in long term standby and is not scheduled to operate in the foreseeable future. When this unit is placed back into operation, your office will be notified and the unit tested within 30 days of startup.

Should you have any questions, please advise.

J. A. Hancock
Vice President, Fossil Operations

Hancock (M01)C3-1

NORTHWEST DISTRICT

160 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501-5794



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

ROBERT V. KRIEDEL
DISTRICT MANAGER

PERMITTEE: I.D. Number: 10/23/0003/01
Permit/Certification Number: A023-64926
Florida Power Corporation Date of Issue: **APR 26 1983**
Expiration Date: April 1, 1988
County: Gulf
Latitude/Longitude: 29°48'12"N/85°17'45"W
Section/Township/Range: 6/8S/10W
Project: St. Joe Peaking Unit No. 1

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

Operation of the St. Joe Peaking Unit No. 1. A combustion gas turbine fueled with Number 2 oil with a maximum sulfur content of 0.37%. Particulates are not controlled other than clean fuel and efficient combustion.

Located at the north end of 10th Street, Port St. Joe.

PERMITTEE:
Florida Power Corporation

I.D. Number: 10/23/0003/01
Permit/Certification Number: A023-64926
Date of Issue: **APR 26 1983**

Expiration Date: April 1, 1988

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 Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement 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 applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.
3. As provided in Subsections 403.087(6) and 403.722(5), 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. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use 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.
5. 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 therefor 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, unless specifically authorized by an order from the department.
6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

Florida Power Corporation

Permit/Certification Number: A023-64926

Date of Issue: APR 26 1983

Expiration Date: April 1, 1988

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. 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 noncompliance; and
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

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.

9. 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 Sections 403.73 and 403.111, Florida Statutes.

PERMITTEE: I.D. Number: 10/23/0003/01
Florida Power Corporation Permit/Certification Number: A023-64926
Date of Issue: **APR 26 1983**
Expiration Date: April 1, 1988

GENERAL CONDITIONS:

10. The 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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

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)
- () Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.
- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.

PERMITTEE:
Florida Power Corporation

I.D. Number: 1G/23/0003/G1
Permit/Certification Number: A023-64926
Date of Issue: **APR 26 1983**
Expiration Date: April 1, 1988

GENERAL CONDITIONS:

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

SPECIFIC CONDITIONS:

16. Visible emissions shall not exceed 20% opacity under normal operating conditions.

17. Visible emissions tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. Tests shall be conducted in accordance with EPA method 9. Such tests shall be conducted in 1987 before the end of December to be submitted with the application for renewal of this permit. More frequent tests may be required if Department inspections show a need for such tests.

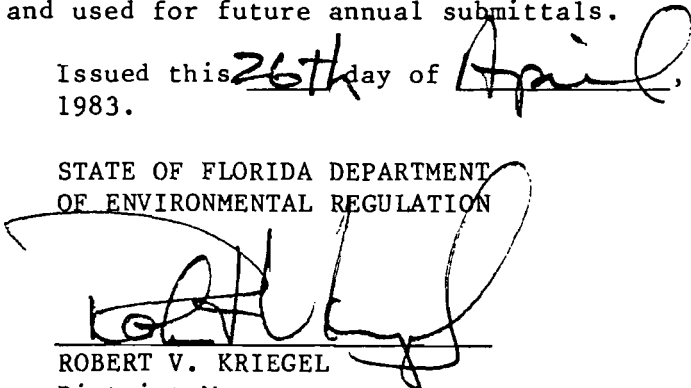
18. An annual operation report (DER Form 17-1.202(6) attached) shall be submitted by March 1 each year. The attached form shall be reproduced by the permittee and used for future annual submittals.

Expiration Date:

Issued this 26th day of April, 1983.

April 1, 1988

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

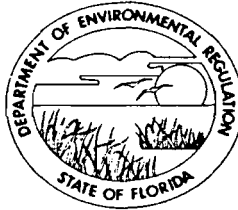

ROBERT V. KRIEGEL
District Manager

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHWEST DISTRICT

160 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501-5794



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

ROBERT V. KRIEGL
DISTRICT MANAGER

February 9, 1983

Mr. T. L. Brouette
Environmental Engineer
Florida Power Corporation
Post Office Box 14042
St. Petersburg, Florida 33733

RE: File No. 64926 FPC Port St. Joe Peaking
Unit No. 1

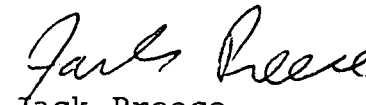
Dear Mr. Brouette:

This is in response to your letter of February 4, 1983. Your confirmation of our telephone conversation of February 2, 1983 was correct, but Mr. Moody has informed me that since you have a timely application for the renewal then Section 120.60(5) Florida Statutes states, "the existing license shall not expire until the application has been finally acted upon by the agency".

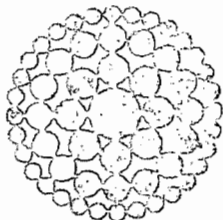
Thus you continue to operate under the conditions of A023-4721 until you have made the necessary repairs and carried out the requested visible emission test to complete the application for a renewal permit.

Please keep us informed of the test schedule to allow witnessing.

Sincerely,


Jack Preece
Air Engineer

JP/jps



**Florida
Power**
CORPORATION

February 4, 1983

RECEIVED
FEB 7 - 1983
NORTHWEST FLORIDA
DER

Mr. Jack Preece
Florida Department of Environmental Regulation
160 Government Center
Pensacola, FL 32501-5794

Re: File No. 64926
FPC Port St. Joe Peaking Unit No. 1

Dear Mr. Preece:

This is to confirm my telephone call of Wednesday, February 2, 1983. I phoned in response to Mr. Thomas Moody's letter of January 28, 1983, which indicated that a visible emission test of the above referenced unit was required as part of the permit renewal application.

At the present time, the unit is unavailable for service pending the repair and replacement of annunciator panel components. It is estimated that the required work will be completed during March, but possibly not before the March 13 operating permit expiration date. Therefore, I requested that you proceed with processing the permit renewal application and allow Florida Power Corporation to conduct the visible emission test as soon as the unit becomes operational. You agreed to include in the new permit a provision that the unit be tested within 30 days of the availability date.

Your office will be informed of the test date and the results will be promptly forwarded to you. If you have any questions or required additional information, please call me at (813) 866-4481.

Sincerely,

T. L. Brouette
Environmental Engineer

Brouette(R05)C3-2

cc: D. M. Gianeskis
R. Montemayor

File: Environ 5-1

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHWEST DISTRICT

160 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501-5794



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

ROBERT V. KRIEDEL
DISTRICT MANAGER

January 28, 1983

Mr. G. C. Moore
Vice President
Power Production
Florida Power Corporation
P. O. Box 14042
St. Petersburg, Florida 33733

Dear Mr. Moore:

This is to acknowledge receipt of your application, file number 64926, for a permit to operate Peaking Unit No. 1 in St. Joe.

Your application for permit is incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

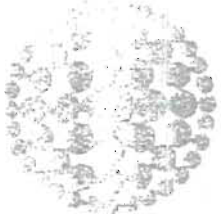
1. A visible emission test in accordance with EPA method 9 while operating within 10% of rated load. Section 17-2.700(2)(a)3., Florida Administrative Code requires a compliance test that demonstrates compliance with the applicable emission standard (less than 20% opacity) prior to obtaining a renewed operating permit. Our file does not contain such test results since it was initially permitted in 1972.

If you have any questions, please contact Jack Preece of this office. When referring to this project, please use the file number indicated above.

Sincerely,

Thomas W. Moody, P.E.
Special Programs Supervisor

TWM: jpd



**Florida
Power**
CORPORATION

January 13, 1983

Mr. Robert Kriegel
District Manager
Northwest District
Florida Department of Environmental Regulation
160 Governmental Center
Pensacola, Florida 32501

Subject: Renewal of Air Operating Permit for the Port St. Joe Peaking
Unit

Dear Mr. Kriegel:

Enclosed are four copies of the application for the air operating permit for Port St. Joe Peaking Unit #1. Also enclosed is a check for \$100.00 for the filing fee.

Florida Power requests that no visible emissions test be required on this unit because it operates only during unplanned emergency situations. In 1982 this unit only ran 6.3 hours. It involves considerable cost for our customers to bring it on-line just to conduct a visible emission test.

Your consideration of this request would be appreciated. If you have any questions, please contact me at (813) 866-5528.

Sincerely,

Rusty Wooten

T. H. Wooten

THW/gr

RECEIVED
JAN 19 1983
NORTHWEST FLORIDA
DER

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION



NORTHWEST DISTRICT

160 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501-5794

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

ROBERT V. KRIEGLER
DISTRICT MANAGER

December 13, 1982

Mr. W. P. Stuart, Director
Florida Power Corporation
P. O. Box 14042
St. Petersburg, Florida 33733

Dear Mr. Stuart:

A review of our files has disclosed that your Permit No. A023-4721 for the Peaking Unit will expire March 13, 1983.

Operation of a pollution source without a valid permit from the Department of Environmental Regulation constitutes a violation of Section 17-4.03, Florida Administrative Code, and Section 403.161, Florida Statutes.

Section 17-4.09 further states: "Prior to 60 days before the expiration of any Department permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department".

If you wish to continue operation of the permitted facility, it will be necessary for you to make application (on the attached form) to the Department for a renewal of this permit before January 13, 1983. Florida Administrative Code Section 17-4.05(4) provides the appropriate renewal fee for this operation permit. If there are any questions on this fee, please call me at 904/436-8360.

Sincerely,

Thomas W. Moody, P.E.
Special Programs Supervisor

TWM:d
Attachment

PAID
\$100.00
1/19/83



RECEIVED
JAN 19 1983
NORTHWEST FLORIDA
DER

A023-64926

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICATION FOR RENEWAL OF
PERMIT TO OPERATE AIR POLLUTION SOURCE(S)

If major alterations have occurred, the applicant should complete the Standard Air Permit Application Form.

Source Type: Combustion Turbine Renewal of DER Permit No.: A023-4721
Company Name: Florida Power Corporation County: Gulf

Identify the specific emission point source(s) addressed in this application (i.e.; Lime Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2. Gas Fired):
Port St. Joe Peaking Unit No. 1

Source Location: Street: 10th Street City: Port St. Joe
UTM: East 84655 North 3304562
Latitude: 29° 04' 8.12" N. Longitude: 85° 01' 7.45" W.

65886

one hundred dollar (\$100)

- Attach herewith a ~~twenty dollar (\$20)~~ ^{#100.00} check made payable to the "Department of Environmental Regulation."
- Have there been any alterations to the plant since last permitted? Yes No
If minor alterations have occurred, describe on a separate sheet and attach.
- Attach the last compliance test report required per permit conditions if not submitted previously.
- Have previous permit conditions been adhered to? Yes No If no, explain on a separate sheet and attach.
- Has there been any malfunction of the pollution control equipment during tenure of current permit? Yes No
If yes, and not previously reported, give brief details and what action was taken on separate sheet and attach.
- Has the pollution control equipment been maintained to preserve the collection efficiency last permitted by the Department?
 Yes No
- Has the annual operating report for the last calendar year been submitted? Yes No If no, please attach.
- Please provide the following information if applicable:

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Rate	Utilization
	Type	% Wt		

B. Product Weight (lbs/hr): _____

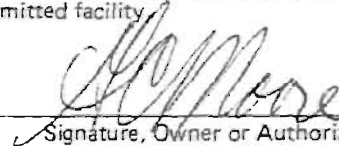
C. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	Avg/hr*	Max/hr**	
No 2 Fuel Oil	36	36	212

D. Normal Equipment Operating Time: hrs/day _____ ; days/wk _____ ; wks/yr _____ ; hrs/yr (power plants only) 8760 ; if seasonal, describe This peaking unit is operated only during periods of extreme power emergencies. These periods are unscheduled and usually last for a few hours.

The undersigned owner or authorized representative*** of Florida Power Corporation is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted facility.

STATE OF FLORIDA
COUNTY OF PINELLAS


Signature, Owner or Authorized Representative
(Notarization is mandatory)

Before me personally appeared G. C. Moore to me well known and known to me to be the person described in and who executed the foregoing instrument, and acknowledged to and before me that G. C. Moore executed said instrument for the purposes therein expressed.

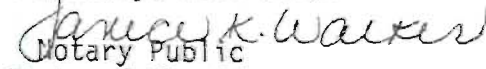
G. C. Moore, Vice President, Power Production
Typed Name and Title

Post Office Box 14042
Address

St. Petersburg, FL 33733
City State Zip

January 7, 1983 Date (813) 866-4140 Telephone No.

WITNESS my hand and official seal, this 12th day of January, A.D. 1983.


Notary Public
State of Florida at Large

*During actual time of operation.
**Limits: Natural Gas-MMCF/hr; Fuel Oils-barrels/hr; Coal-lbs/hr.
***Attach a letter of authorization if not previously submitted.

My commission expires:

Notary Public, State of Florida
My Commission Expires April 14, 1985
Bonded thru Jody King Insurance, Inc.

**VI. Treatment and Disposal of Liquid and
Solid Waste**

1. Identify the contaminants which will be discharged as liquid or solid wastes.

None

2. Describe the treatment and disposal of liquid and solid wastes. Indicate the concentrations and volume of individual contaminants in treated wastes before disposal.

There is no retained Ash on this unit.

V. Discharged Emmissions to Atmosphere

A. Discharge Points and Design Conditions

Discharge Point Description	Relate to Flow Diagram	Height above Ground (ft.)	Exit		Temp. of Discharge (°F)
			Cross Sect. Area (sq. ft.)	Periods of Flow Hrs./Day	
Stack	2	41	115	Not Predictable	960°F

432,000 cfm x 0.013 = 5616 lbs/day
237 MMBTU
.020 #/MMBTU

B. Tabulation of Discharged Contaminants (Calculated Values)

Discharge Point - Relate to Flow Diagram	Flow Rate at Std. Cond. (cfm)	Total Contaminants Discharged					
		Particulates		Other Contaminants (F ⁻ , SO _x , NO _x etc.)			
		Gr/ft3 (Std. Cond.)	lbs./Day	Gr/ft3 (Std. Cond.)	lbs./Day	Gr/ft3 (Std. Cond.)	lbs./Day
Average Conditions) Stack (2)	432,000	.0013	7	SO _x .039	20		
	(State Std. Cond. Used)						
	960°F, 29.92" Hg						
Peak Emission Condition and Frequency) Stack (2)	477,000	.0015	N/A	SO _x .041	N/A		
Emergency Condition Only)							
Totals							

477,000 x .0015 = 715.5 lbs/day
372 MMBTU
.020 #/MMBTU

.020 #/MMBTU
 $\frac{.0015}{.0013} = .023 \text{ #/MMBTU}$

IV. Contaminant Balance

From contaminant content in raw materials, waste products, and manufactured products, summarize daily contaminant flow:

	Pounds Contaminant per Day (AVG)	
	Input	Output
List XXXXXXXXXX Fuel: Fuel Sulfur	17 Lbs/Day	
List Manufactured Products: Electricity	N/A	N/A
List Solid Wastes:		0
List Liquid Wastes: N/A		
Totals	17 Lbs/Day	0
Airborne Wastes (Total input minus total output) 17 Lbs/Day		

Note: If more than one contaminant, specify each
 Contaminants recovered in control devices should be shown as either a liquid or a solid waste.

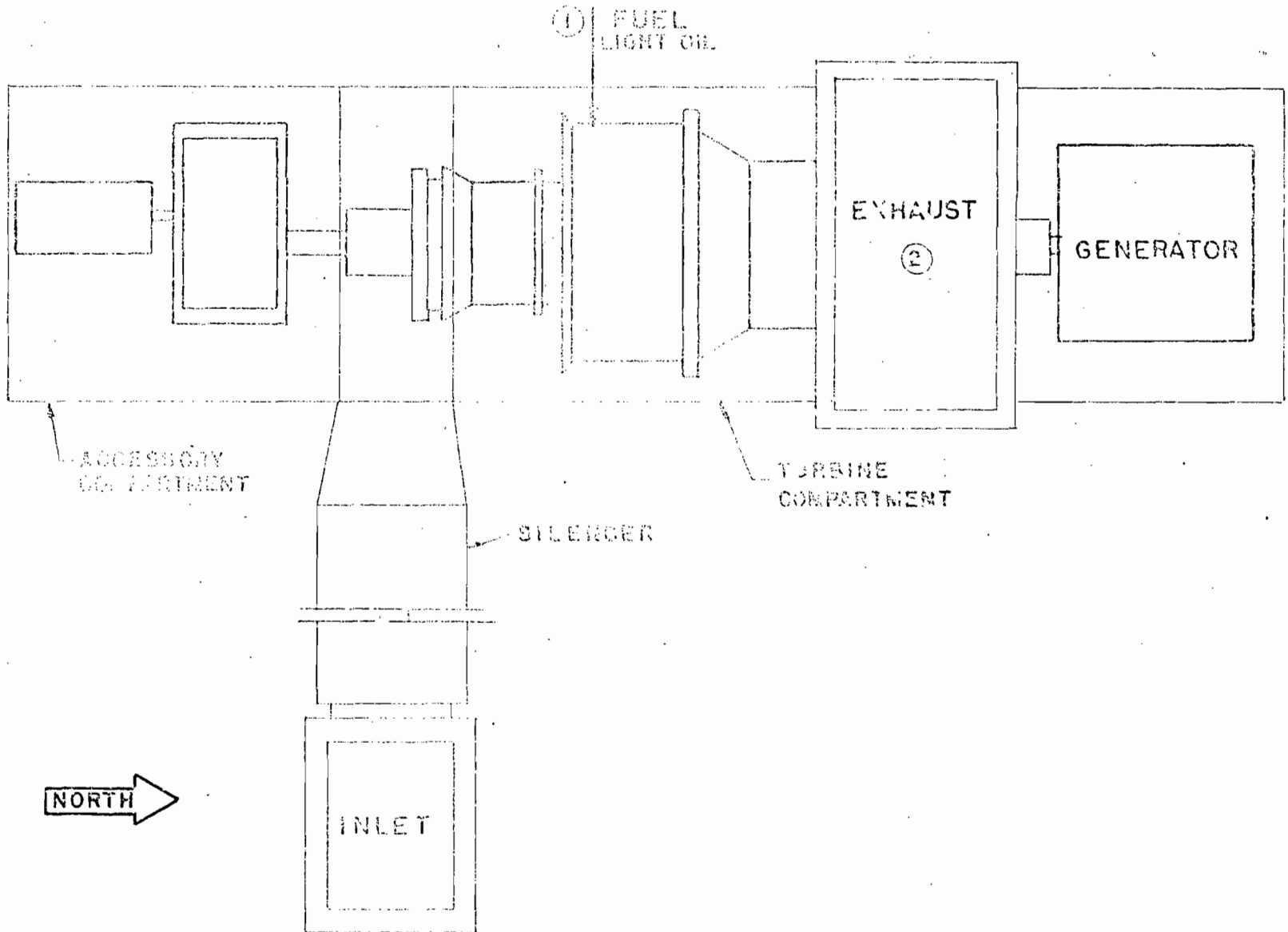
III Air Pollution Control Devices

Contaminant	Control Device	Relate to Flow Diagram	Operating Efficiency	Conditions (Particle Size Range, Temp. etc.)
Fly Ash	Stack	2	N/A	960 ⁰ F @ 63 ft/sec
SO _x	Stack	2	N/A	N/A

Provide a brief description of the control device or treatment system. Attach separate sheets giving details regarding principle of operation, manufacturer, model, size, type and capacity of control/treatment device and the basis for calculating its efficiency. Show any bypasses of the control device and specify when such bypasses are to be used and under what conditions.

N/A

GENERAL ELECTRIC PEAKING UNIT



DATE 2-5-71

NO. DATE

NO. 2-198

DATE 28 APR 87

DRAWING NO A-404-AP

PORT ST JOE

PEAKING PLANT LAYOUT

13.70 x 10⁶
Btu/hr

B. Fuels

Type (Be Specific)	Daily Consumption	Gross Maximum Heat Output	Relate to Flow Diagram
Light Oil	2,380 Gal/Day <i>HR</i>	328,751,000 Btu/Day <i>HR</i>	1

C. Products

Description	Average Daily Production (Tons/Day. Lbs/Hr. etc.)
Electricity	21 MWH/Day

D. Normal operation: Hours/Day _____ Day and Week _____

If operation or process is seasonal, describe: This unit is operated only during peak periods of system demand.

II Identification of Air Contaminants

Compounds of:

Also -

- | | | | | | |
|----------|-------------------------------------|--------------|-------------------------------------|---------------|--------------------------|
| Chlorine | <input type="checkbox"/> | Hydrocarbons | <input type="checkbox"/> | Acid Mists | <input type="checkbox"/> |
| Flourine | <input type="checkbox"/> | Smoke | <input type="checkbox"/> | Odors | <input type="checkbox"/> |
| Nitrogen | <input type="checkbox"/> | Fly Ash | <input checked="" type="checkbox"/> | Radioisotopes | <input type="checkbox"/> |
| Sulfur | <input checked="" type="checkbox"/> | Dusts | <input type="checkbox"/> | Other _____ | <input type="checkbox"/> |

Specific Compounds SO_x

**Information Regarding Pollution Sources
and ~~XXXXXX~~ Control Facilities**

1. Estimated cost of ~~XXXXXX~~ control facilities \$ N/A .
2. Prepare and attach an 8½" x 11" flow diagram, without revealing trade secrets, identifying the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particulates are evolved and where finished products are obtained.
3. Include an 8½" x 11" plot plan showing location of manufacturing processes and location of outlets for airborne emissions. Relate all flows to the flow diagram.
X
4. Submit an 8½" x 11' plot plan showing the exact location of the establishment and points of discharge in relation to the surrounding area, residences and other permanent structures and roadways. (USGS Map)
X

I General

A. Raw Materials and Chemicals Used:

Description	Utilization Tons/day, Lbs./day, etc.	Approximate Contaminant Content		Relate to Flow Diagram
		Type	Percent Dry Weight	
N/A	N/A	N/A	N/A	N/A

Kelli

10-1580-005-0003-01

MAR - 1 REC'D



State of Florida
Department of Air and Water Pollution Control

Application For Permit to Operate Air Pollution
~~Control Facilities~~
Source

Applicant
(Owner or authorized agent) G. W. Marshall, Production Superintendent
(Name and Title)

Name of Establishment Florida Power Corporation (Port St. Joe Peaking Unit)
(Corporation, Company, Political SD, Firm, etc.)

Mailing Address C/O Suwannee Plant, Rt. 1, Box 179, Live Oak, Fla.
32060

Location of Pollution Source End of 10th Street, Port St. Joe, Fla.
(Number and Street) (City)

29° 48' 12"
85° 17' 45"

Gulf
(County)

Nature of Industrial Operation Electric Utility

Permit Applied For Operating:

- New Source
- Existing Source
- Existing Source after modification
- Existing Source after Expansion
- Existing Source After relocation, expansion or reconstruction

Project Engineer:

G. W. Marshall
Name

Florida Power Corporation (Port St. Joe Peaking Unit)
Firm

P. O. Box 14042, St. Petersburg, Fla. 33733
Mailing Address

G. W. Marshall
Signature

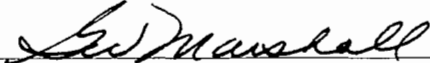
6008
Florida Registration Number

For Department's Use Only

Permit No. AØ 23-1083

Date: DEC 11, 72

The undersigned ~~XXXXXX~~ authorized representative* of Florida Power Corporation is fully aware that the statements made in this form and the attached exhibits and statements constitute the application for a Operating Permit from the Florida Department of Air and Water Pollution Control and certifies that the information in this application is true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to comply with the provisions of Chapter 403 Florida Statutes and all the rules and regulations of the Department or revisions thereof. He also understands that the Permit is non transferable and, if granted a permit, will promptly notify the Department upon sale or legal transfer of the permitted establishment.


Signature of ~~XXXXXX~~ agent.

G. W. Marshall, Production Superintendent
Name and Title

Date: March 3, 1971

*Attach letter of authorization.

S T A T E O F F L O R I D A

O F F I C E O F S E C R E T A R Y O F S T A T E

I, Bruce A. Smathers, Secretary of State of the State of Florida, do hereby certify that the records of this office indicate that FLORIDA POWER CORPORATION (the "Company"), a corporation organized under the Laws of the State of Florida on July 18, 1899, has filed instruments in this office affecting its Charter as follows:

- (a) A Composite Certificate of Reincorporation, as amended through June 16, 1966 (with Appendix consisting of Items A, B and C), containing only such provisions as were in effect as of such date;
- (b) On March 31, 1970, a Certificate of Amendment of the Composite Certificate of Reincorporation of the Company;
- (c) On November 12, 1970, certified copy of a Resolution duly adopted by its Board of Directors on November 5, 1970, creating and establishing an 8.80% Series of Cumulative Preferred Stock;
- (d) On April 2, 1971, a Certificate of Amendment of the Composite Certificate of Reincorporation of the Company;
- (e) On April 4, 1972, a Certificate of Amendment of the Composite Certificate of Reincorporation of the Company;
- (f) On June 8, 1972, a certified copy of a Resolution duly adopted by its Board of Directors on June 1, 1972, creating and establishing a 7.40% Series of Cumulative Preferred Stock;
- (g) On December 11, 1973, a certified copy of a Resolution duly adopted by its Board of Directors on December 4, 1973, creating and establishing a 7.76% Series of Cumulative Preferred Stock;
- (h) On April 1, 1974, a Certificate of Amendment of the Composite Certificate of Reincorporation of the Company; and
- (i) On June 18, 1974, a certified copy of a Resolution duly adopted by its Board of Directors on June 10, 1974, creating and establishing a 10% Series of Cumulative Preferred Stock.

I do hereby further certify that (i) no Amendments to the Composite Certificate of Reincorporation (other than as mentioned above) have been filed by the Company; (ii) the Company has complied with the requirements of Chapter 28170, Laws of Florida, Acts of 1953, as amended, and has filed all annual reports and paid all annual report filing fees due this office through December 31, 1976, and its status is active; and (iii) the Charter remains in full force and effect.

GIVEN under my hand and the Great Seal of

the Capital, this the 14th day of
April, A.D., 1977.



Bruce L. Mathers

SECRETARY OF STATE

AIR PERMIT EVALUATION SUMMARY

Permit No.: A0 23 - 64926
County: Duval
Facility: Florida Power Corporation

1. Stationary Source Information (Operating rate, new or existing, etc.)

St Joe Peaking Unit #1

2. Special considerations (major, BACT, PSD, etc.)

None

3. Source Emission Limiting Standards and Allowances (Regulation(s) and calculations for each pollutant)

*20% VE
17-2.610(2)(a)*

4. Control Technology furnished by Source

Clean Fuel

5. Proof of Compliance Tests (amount of emissions and date)

*VE Test April 7 1983 2.3% opacity
Witnessed by Jack Price*

6. Inspections (date and comments)

*Jack Beere April 7, 1983
Satisfactory*

7. Recommendation:

Approval

Denial

8. Concurrence:

*Thomas W Moody
4/25/83*

JW Beere

Reviewing Engineer

Date: Apr 22, 1983

10/23/0003/01



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHWEST DISTRICT
1391 SHORELINE DRIVE
P. O. BOX 838
GULF BREEZE, FLORIDA 32561

REUBIN O'D. ASKEW
GOVERNOR

March 13, 1978

JOSEPH W. LANDERS, JR.
SECRETARY

Mr. W. P. Stewart, Director, Power Production
Florida Power Corporation
P. O. Box 14042
St. Petersburg, FL 33733

Dear Mr. Stewart:

Pursuant to Section 403.061(16), Florida Statutes, your application, dated December 12, 1977, and plans submitted by your consultants to support this application have been reviewed and found acceptable to the department. We, therefore, are issuing to you the enclosed permit (No. A023-4721) dated March 13, 1978 to ~~construct~~ operate the subject pollution source.

This permit is not effective unless you accept it. If you do not accept this permit, including any and all of the conditions contained therein, you must file an appropriate petition for an administrative hearing pursuant to the provisions of Section 120.57, Florida Statutes, within fourteen (14) days from receipt of this letter. This petition must comply with the requirements of Section 28-5.15, Florida Administrative Code, and be filed with the Secretary of the Department of Environmental Regulation, 2562 Executive Center Circle East, Montgomery Building, Tallahassee, Florida 32301. If no petition is filed within the above time period, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this permit issuance, and it will constitute final agency action. Should you file a petition for hearing, it will be subject to dismissal by the Division of Administrative Hearings if it does not comply with the requirements of Section 28-5.15, Florida Administrative Code.

Sincerely,

P. J. Doherty P. E.

P. J. Doherty, P. E.
District Engineer

For

PJD/jpg

Enclosure

State of Florida
Department of Environmental Regulation

OPERATION PERMIT CONDITIONS
FOR AIR POLLUTION SOURCES

Permit No.: A023-4721

Date: March 13, 1978

An (X) indicates applicable conditions

- (X) 1. The permit holder must comply with Florida Statute, Chapter 403 and the applicable Chapters of the Department of Environmental Regulation in addition to the conditions of this permit (Chapter 403.161(1)(b), Florida Statutes).
- () 2. Test the emissions for the following pollutant(s) at intervals of _____ from the date _____ and submit a copy of test data to the District Engineer of this agency within fifteen days of such testing (Chapter 17-2.07(1), Florida Administrative Code (F.A.C.)).
- | | |
|-------------------|--------------------------|
| () Particulates | () Sulfur Oxides |
| () Fluorides | () Nitrogen Oxides |
| () Plume Density | () Hydrocarbons |
| | () Total Reduced Sulfur |
- () 3. Testing of emissions must be accomplished at approximately the rates as stated in the application. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data (Chapter 403.161(1)(c), Florida Statutes).
- () 4. Submit for this source quarterly reports showing the type and monthly quantities of fuels used in the operation of this source. Also state the sulfur content of each fuel (Chapter 17-4.14, F.A.C.).
- (X) 5. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information as per Chapter 17-4.14, F.A.C.
- | | |
|-----|---|
| (A) | Annual amount of materials and/or fuels utilized. |
| (B) | Annual emissions (note calculation basis). |
| (C) | Any changes in the information contained in the permit application. |

- (x) 6. In the event the permittee is temporarily unable to comply with any of the conditions of the permit, the permittee shall immediately notify the District Office of the D.E.R. as per Chapter 17-4.13, F.A.C. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement actions by the Department.
- () 7. According to the Process Weight Table within Chapter 17-2.04(2), F.A.C., the maximum allowable emission rate of particulate matter for a process rate of _____ tons/hour is _____ pounds/hour. At lesser process rates, the allowable emission rates can be determined from the graph.
- () 8. This permit is associated with a Development of Regional Impact (D.R.I.). It does not waive any other permits that may be required from this or any other state, federal, or local agency.
- (x) 9. Visible emissions are limited to less than Ringelmann Number 1 (20% opacity).
- (x) 10. No annual testing is required at this time. The Department reserves the right under 17-2.07(5) to require testing if it has good reason to believe that through rate excess, poor maintenance, inattentive operation or other cause compliance with condition 9 above requires proof.

COMMENTS CHECK-OFF LIST

Permit No. A023-4721

Jack Preese:

Operator only ~ 162 Hours/year
Total Emission ~ 14 Tons/year
(mostly NOx)

what happened to SO2?

Henry Sobala:

Recommended issuance of Permit.

Permitted only because of source (pickling unit)
classification - actual operation & emission low.

3/13/88
[Signature]
(Signature)

F. J. Doherty:

VISIBLE EMISSIONS LIMITATION
Clean Fuel (0.07% Sulfur) - only 13.5 lbs monthly
operator Recommended issuance

Signature

[Signature]
P. J. Doherty
District Engineer

Robert V. Kriegel:

Signature

Robert V. Kriegel
District Manager

Limiting Std. (No source limiting standard)

Falls under 17-2.04 (b) new and existing
sources after July 1, 1975 must meet Rangelmann No. 1

Capacity of 20%



Department of Environmental Regulation
Application for Operation
Permit Renewal

PAID
DEC 12 1977
\$20.00
Cindy

(Information contained in this application should reflect the most current data available.)

A. Business Name Florida Power Corporation

Mailing Address P.O. Box 14042

St. Petersburg, FL 33733

Current Permit Number A023-1083

B. Raw Material Usage N/A

Type	Amount Consumed

C. Fuel Usage Jan. thru Sept. 1977

Type	Amount Consumed	% Sulfur
<u>No. 2</u>	<u>4899 BBL x 42 = 206 x 10³ gal</u>	<u>0.07</u>
	<u>5 #/10³ gal</u>	
	<u>1029 # fuel oil / 910</u>	

D. Production Rates

Type	Amount Produced
<u>Electricity</u>	<u>50 ~ 1.35 T/yr ✓</u>
	<u>1782 MWH</u>

.69 T/yr

E. Normal Operating Time

1. Hours per Month

13.5

2. Days per week

3. Weeks per year

F. Emission Quantities (pounds/hour) N/A

1. Particulates

2. SO₂

3. NO₂

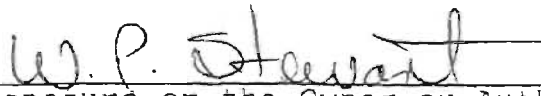
4. CO

5. Hydrocarbons

G. Any changes in control equipment

N/A

The undersigned owner or authorized representative of * Florida Power Corporation is fully aware that the statements made in this application for an operation permit are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403 Florida Statutes and all the rules and regulations of the Department or revisions thereof. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted establishment.



Signature of the Owner or Authorized Representative

W. P. Stewart

Director, Power Production

Name and Title (Please Type)

Date: 12/5/77

Telephone No: (813) 866-4159

*Attach a letter of authorization



logged SPD

STATE OF FLORIDA
DEPARTMENT OF POLLUTION CONTROL

SUITE 300, TALLAHASSEE BANK BUILDING
315 SOUTH CALHOUN STREET, TALLAHASSEE, FLORIDA 32301

November 27, 1972
Gulf County-AP
Florida Power Corporation

DEC 19 1972
SPD

VINCENT D. PATTON
EXECUTIVE DIRECTOR

DAVID H. LEVIN
CHAIRMAN

TO	DATE
1	12/13/72

Case Ready to go
James (SPD)
13 DEC 72 CLS
Department of Pollution Control
Northwest Regional Office
1394 Shoreline Drive
Gulf Breeze, Florida 32561
Phone: 904/932-3323

Mr. G.W. Marshall
Production Superintendent
Florida Power Corporation
P.O. Box 14042
St. Petersburg, Fla. 33733

Dear Mr. Marshall:

With reference to your recent application, please find enclosed a permit (No. AO-23-1083) dated 12/11/72 to operate the air pollution source of the following description:

Type: Oil-Fired turbine, low sulfur fuel.

Manufacturer, Model & Serial #:
General Electric

Emission Control Equipment(s):
No control, stack 41 ft. x 115 sq. ft.

Location: 10th Street, Port St. Joe, Gulf County, Fla.
Lat. 29° 48' 12" Long. 85° 17' 45"

This permit will expire on 12/15/77 and may be renewed after complying with the conditions and requirements checked or indicated otherwise in the attached sheet entitled "Operation Permit Conditions".

This permit is issued under the authority of Florida Statute 403.06 (15). The time limits imposed herein are a condition to this permit and are enforceable under Florida Statute 403.161 (1) (b). You are hereby placed on Notice that the Department will review this permit before the scheduled date of expiry and will seek court action for violation of the conditions and requirements of this permit.

You have ten days from the date of receipt hereof within which to request a review of the conditions and requirements contained in this permit.

Your continued cooperation in this matter is appreciated.

Very truly yours

Howard L. Rhodes

Howard L. Rhodes, Chief
Bureau of Permitting

HLR:mj
cc: Northwest Region

Expires December 15, 1977

STATE OF FLORIDA
DEPARTMENT OF AIR AND WATER
POLLUTION CONTROL

OPERATION PERMIT

FOR Florida Power Corporation
10th Street
Port St. Joe, Florida 32456

PERMIT NO. AO-23-1083

DATE 12/11/72

PURSUANT TO THE PROVISIONS OF SECTION 403.061 (16) OF CHAPTER 403 FLORIDA STATUTES AND CHAPTER 17-4 FLORIDA ADMINISTRATIVE CODE, THIS PERMIT IS ISSUED TO: Mr. G.W. Marshall, Production Superintendent

FOR THE OPERATION OF THE FOLLOWING:
Oil-fired turbine using low sulfur fuel oil, with no controls,
stack 41 ft. x 115 sq. ft.

LOCATED AT: 10th Street, Port St. Joe, Gulf County, Fla.
Lat. 29° 48' 12" Long. 85° 17' 45"

IN ACCORDANCE WITH THE APPLICATION DATED March 3, 1971
AND IN CONFORMITY WITH THE STATEMENTS AND SUPPORTING DATA ENTERED THEREIN,
ALL OF WHICH ARE FILED WITH THE DEPARTMENT AND ARE CONSIDERED A PART OF THIS
PERMIT.

THIS PERMIT SHALL BE EFFECTIVE FROM THE DATE OF ITS ISSUANCE UNTIL REVOKED OR
SURRENDERED AND SHALL BE SUBJECT TO ALL LAWS OF THE STATE AND THE RULES AND
REGULATIONS OF THE DEPARTMENT.

Howard L. Rhodes

Vincent D. Patton

XXXXXXXXXXXXXXXXXXXX
Howard L. Rhodes, Chief
BUREAU OF PERMITTING

VINCENT D. PATTON
EXECUTIVE DIRECTOR



STATE OF FLORIDA
DEPARTMENT OF POLLUTION CONTROL

SUITE 300, TALLAHASSEE BANK BUILDING
315 SOUTH CALHOUN STREET, TALLAHASSEE, FLORIDA 32301

VERLINDA CALHOUN
EXECUTIVE DIRECTOR

Please Reply to:

Department of Pollution Control
Northwest Regional Office
DAVID H. LEVIN

OPERATION PERMIT CONDITIONS
FOR FOSSIL FUEL STEAM GENERATORS

1304 Shoreline Drive
Gulf Breeze, Florida 32561
Phone: 904/932-5323

PERMIT NUMBER: AO-23-1083

DATE: 12/11/72

- [X] 1. Report any problems encountered in the operation of the Fossil Fuel Steam Generator to the DPC regional office and cease operation forthwith if such problems result in the discharge of stack effluents whose quality does not conform to the provisions of Chapter 17-2 Florida Administrative Code.
- [X] 2. The owner shall perform the prescribed tests on the emissions from the Fossil Fuel Steam Generator as and when required by this agency.
- [X] 3. This permit is issued on the basis of the existing requirements of this agency as set forth in Chapters 17-2 (revised January 18, 1972), Florida Administrative Code.

The revised Chapter 17-2 requires the following for Fossil Fuel Steam Generators:

- A. Greater than 250 million BTU/hr. heat input
 - i.) The emission-limiting standards:
Pounds pollutant/million BTU Heat Input,
Max. 2 hr. Average

Source	Particulate		Sulfur Dioxide		Nitrogen Oxides		
	Liquid Fuel	Solid Fuel	Liquid Fuel	Solid Fuel	Gaseous Fuel	Liquid Fuel	Solid Fuel
New	0.1	0.1	0.8	1.2	0.2	0.3	0.7
Existing	0.1	0.1	1.1	1.5	0.2	0.3	0.7

To be obtained as expeditiously as possible, but no later than July 1, 1975. [Chapter 17-2.04(6)(e) 1 & 2]

- ii.) Visible emissions (new and existing) shall not exceed Ringelmann Number One (20 per cent opacity), except for two minutes in any hour during which emissions shall not exceed Ringelmann Number Two (40 per cent opacity), effective January 18, 1972. [Chapter 17-2.04 (6)(e) 1b & 2b]
- [X] B. Less than 250 million BTU/hr. heat input
 - i.) The emission-limiting standards for particulate, sulfur dioxide and nitrogen oxides shall be those obtained by the latest technology as determined by this department [Chapter 17-2.03(1) & 17-2.04(6)(e) 3b]
 - ii.) Visible emissions same as (3)(A) ii above [Chapter 17-2.04 (6)(e) 3a]
- 4.* Identify the Fossil Fuel Steam Generator and/or control equipment by its manufacturer, Model Number, Serial Number, Capacity (Maximum BTU heat input) and any other information.
- 5.* Identify the location of the Fossil Fuel steam Generator either by the Universal Transverse Mercator (UTM) Grid System to the nearest 100 meters or by latitude and longitude. Attach four copies of the appropriate USGS map with the exact location marked in red.

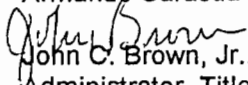
OPERATION PERMIT CONDITIONS
FOR FOSSIL FUEL STEAM GENERATORS

- [x] 6. This permit is not transferable. Upon the sale or legal transfer of the Fossil Fuel Steam Generator covered by this permit, the new owner must apply by letter for a transfer of this permit within thirty days.
- [] 7. Submit on or before _____ a schedule indicating what steps have been or will be taken to insure compliance with Chapter 17-2 (revised 1/18/72).
- [x] 8. Submit monthly reports on the amount of fuel oil used. (Monthly Gas Turbine Operating Log).

* Submit the information required by these items within thirty (30) days from the date of this permit.

NOTE: Quarterly reports of the amount of fuel oil used and the amount of sulfur contained in the fuel may be required in the future.

TO: Ed Middleswart
Armando Sarasua

FROM:  John C. Brown, Jr., P.E.
Administrator, Title V Section

DATE: February 11, 1997

SUBJECT: FPC Facility, St. Joe Gas Turbine Peaking Unit Number 1

Based on the information that Armando provided me, the facility's used oil was limited in 1983 to 0.37% S by an operation permit that is not federally enforceable. In 1988, the facility requested 0.5% S and again it was granted by an amendment to an AO permit that was not federally enforceable.

The source was built in 1970 before PSD applied. There is nothing in the package that you sent that indicates that any changes were made since then that would trigger PSD. The change from 0.37% S to 0.5% sulfur would not have triggered PSD since the change was to a fuel that the unit could accommodate before January 6, 1975, and was not limited by a federally enforceable permit. Therefore, by 40 CFR 52.21 it was not a major modification that triggered PSD.

- If the state intended to limit the fuel to 0.37% or 0.5% sulfur it should have been done in a federally enforceable construction permit (an AC that was public noticed). This was not done. Therefore, the facility is a Title V source and is entitled to 8760 hrs/yr. The Title V permit requested fuel be limited to 0.5% S. Therefore, once the Title V permit is issued the 0.5% S will be federally enforceable. You should retain the 0.5% S limitation in the Title V permit because it is in a current AO permit and because the applicant requested it.
- If the source wants to be exempted from Title V it may request verifiable limitations for SO₂, NO_x and PM in an after-the-fact AC permit or FESOP to avoid Title V.
- The director, Environmental Services Department, does not appear to meet the definition of responsible official (R.O.) in Rule 62.210.200, F.A.C. I believe he is a designated representative for FPC acid rain facilities which would mean he could be the R.O. at those acid rain sources. However, this is not an acid rain source. Before proceeding with permit issuance you should require that the facility resubmit the application with the signature of a person that meets the R.O. definition for this facility.
- I noted that the applicant wants you to concur with their trivial listing in the application plus other things of a similar nature. You should make it clear, in writing, to the applicant that the department's trivial listing in Guidance Memorandum DARM-PER/V-15 (The EPA Listing) is the only listing that the Department approves and if the applicant wants to consider things outside that listing as trivial, it should be done independent of Department approval and with extreme prudence. Sources do not need to list trivial activities in the application. If the applicant is not sure they are trivial they should be included in the permit application as exempt activities or grouped as unregulated emissions units.

JCB/sk

cc: Clair Fancy
Al Linero



Florida Department of Environmental Regulation

Northwest District

160 Governmental Center

Pensacola, Florida 32501-5794

Lawton Chiles, Governor

Virginia B. Wetherell, Secty.

March 24, 1993

Mr. J. Michael Kennedy
Senior Environmental Specialist
Florida Power Corporation
Post Office Box 14042
St. Petersburg, Florida 33733

Dear Mr. Kennedy:

This is in response to your letter of March 9, 1993, requesting Department approval to change the language of Specific Conditions 4 and 5 in the operating permit for your Port St. Joe Peaking Unit (source I.D. 10PCY23000301, permit AO23-222492). This request is acceptable and the permit is amended as follows:

4. The permittee shall test the peaking unit for visible emissions annually if the unit is operated more than 400 hours during the preceding year, pursuant to Subsection 17-2.700(2)(a)5., F.A.C. The permittee shall notify the Department at least fifteen (15) days prior to the date of such compliance testing. The permittee shall submit a copy of the test data to the Air Resources Management Program of the Northwest District Office within forty-five (45) days of completion of the testing. Pursuant to Subsection 17-2.700(2)(a)8., F.A.C., a visible emissions compliance test shall be conducted in 1997 before the end of September to be submitted with the application for the renewal of this permit.

5. Compliance with the emission limitations of Specific Condition 3 shall be determined using DER Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Section 17-2.700, F.A.C. Pursuant to Subsection 17-2.700(1)(d)1.b., F.A.C., the visible emissions compliance test shall be conducted by a certified observer and be a minimum of thirty (30) minutes in duration. The minimum requirements for source sampling and reporting shall be in accordance with Section 17-2.700, F.A.C.

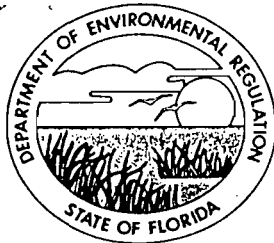
All other conditions of the permit remain in effect. This letter shall be attached to and become a part of permit AO23-222492.

Sincerely,

Bobby A. Cooley
District Director

BAC:asc

cc: DER Panama City Branch Office



Florida Department of Environmental Regulation

Northwest District • 160 Governmental Center • Pensacola, Florida 32501-5794
Lawton Chiles, Governor Virginia B. Wetherell
Carol M. Browner, Secretary

PERMITTEE:

Florida Power Corporation

I.D. Number: 10PCY23000301
Permit/Certification Number: A023-222492
Date of Issue: February 9, 1993
Expiration Date: January 1, 1998
County: Gulf
Latitude/Longitude: 29°48'12"N/85°17'45"W
Section/Township/Range: 6/8S/10W
Project: St. Joe Peaking Unit No. 1

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 17-296, 17-297 and 17-4. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Operation of the St. Joe Peaking Unit No. 1. A combustion gas turbine fueled with No. 2 fuel oil with a maximum sulfur content of 0.5%. Particulates are controlled by efficient combustion.

Located at the north end of 10th Street, Port St. Joe.

Specific Condition No. 4 requires notification and VE testing should unit operate for more than four days.

Specific Condition No. 5 requires VE testing in 1997 before the end of September.

Specific Condition No. 6 requires records of sulfur content in fuel to be kept and be available for Department inspection.

Specific Condition No. 7 requires submittal of annual operation reports.

Specific Condition No. 8 requires submittal of permit renewal application by November 1, 1997.

PERMITTEE:

Florida Power Corporation

I.D. Number: 10PCY23000301

Permit/Certification Number: A023-222492

Date of Issue: February 9, 1993

Expiration Date: January 1, 1998

SPECIFIC CONDITIONS:

1. The attached General Conditions are part of this permit.
2. The hours of operation of this source shall be limited to 1,650 hours per calendar year. *Avoid 1250*
3. Visible emissions shall not exceed 20% opacity.
4. This source shall not be operated except for emergency use for more than four days unless:
 - A. The permittee advises the Department in writing of such operation within seven days thereafter, and
 - B. A visible emissions compliance test is conducted within the first 30 days of such operation.*Other Distinct > 900, V.E.*
5. Visible emissions tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. Tests shall be conducted in accordance with EPA method 9. Such tests shall be conducted in 1997 before the end of September to be submitted with the application for renewal of this permit. More frequent tests may be required if Department inspections show a need for such tests. A visible emissions test to comply with Condition 2 conducted after September 1996 shall fulfill the requirement of this condition.
6. The maximum sulfur content of No. 2 fuel oil shall not exceed 0.5%. Records of the sulfur content shall be kept and be available for Department inspection.
7. An annual operation report [DER Form 17-1.202(6) attached] shall be submitted by March 1 each year. The attached form shall be reproduced by the permittee and used for future annual submittals.
8. An application to renew this permit shall be submitted prior to November 1, 1997.
9. The permanent source identification number for this point source is 10PCY23000301. Please cite this number on all test reports and other correspondence specific to this permitted point source.

PERMITTEE:

Florida Power Corporation

I.D. Number: 10PCY23000301

Permit/Certification Number: AO23-222492

Date of Issue: February 9, 1993

Expiration Date: January 1, 1998

SPECIFIC CONDITIONS:

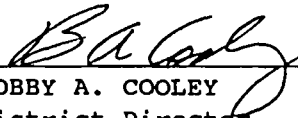
10. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 436-8300, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, telephone (904) 872-4375 during normal working hours.

Expiration Date:

Issued this 9th day of February, 1993...

January 1, 1998

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



BOBBY A. COOLEY
District Director