

Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Telephone No. 407/433-2650

Carol M. Browner, Secretary

PERMITTEE:

Mr. H. P. Lamb
Superintendent/Power Resources
Fort Pierce Utilities Authority
322 North Indian River Drive
Fort Pierce, Florida 334500

I.D. NUMBER: 50/WPB/56/0003
PERMIT/CERTIFICATION NUMBER: AO 56-190275 *
DATE OF ISSUE: MAY 23 1991
EXPIRATION DATE: February 28, 1996
COUNTY: St. Lucie
LATITUDE/LONGITUDE: 27°27'00"N/80°19'26"W
UTM: Zone 17; 566 8 Km. E; 3935.3 Km. N
PROJECT: Ft. Pierce Utilities Authority
Units 6 - 8, Diesels 1 and 2

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule 17-2, and in conformance with all existing regulations of the Florida Department of Environmental Regulation. The above named 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:

OPERATE: An air pollution source consisting of:

- a) Two (2) General Motors Corporation, Model MP-45, diesel electric generators, burning No. 2 fuel oil at 28.9 million BTU/hr. maximum; discharging pollutants through a 3-ft. diameter stack 23 feet above ground level (peaking units);
- b) Babcock & Wilcox Boiler, Unit No. 6, 218.9 million BTU/hr. discharging pollutants through a 5-ft. diameter stack 148 feet above ground level;
- c) A Foster Wheeler Boiler, Unit No. 7, 470 million BTU/hr. maximum; discharging pollutants through a multicyclone collector and a 7.1-ft. diameter stack 147 feet above ground level, and
- d) A Foster Wheeler Boiler, Unit No. 8, 611 million BTU/hr. maximum; discharging pollutants through an 8-foot diameter stack 150 feet above ground level; equipped with continuous in-stack NO_x and O₂ monitors.

IN ACCORDANCE WITH: Application for Renewal received December 14, 1990, additional information received January 28, January 31 and February 27, 1991, AC 56-141460 issued March 14, 1988 and modified May 1, 1990; Application to Operate/Construct Air Pollution Sources received December 12, 1985 (Diesels 1 and 2); AC 56-12778 issued September 4, 1979 (Unit 8); and Application to Operate received July 21, 1980 (Units 6 and 7) (none are attached).

LOCATED AT: 311 North Indian River Drive, Fort Pierce, St. Lucie County, Florida.

TO SERVE: An electric generating utility (SIC # 4911).

SUBJECT TO: General Conditions 1-14. and Specific Conditions 1-8.

* This permit is a renewal of Permit No. AO 56-113533 issued February 28, 1986, AO 56-113534 issued February 28, 1986, AO 56-112670 issued February 14, 1986, and AO 56-112678 issued February 14, 1986.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

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), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither 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 is not 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, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; 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 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.

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 and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under the conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor 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 the 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 for revocation of this permit.

GENERAL CONDITIONS:

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 involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

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 Rule 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following :

(a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically, unless otherwise stipulated by the Department.

(b) The permittee shall hold 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) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained 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 measurements;
- the person responsible for performing the sampling or measurements;
- 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.

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 the 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.

PERMITTEE:
 Mr. H. P. Lamb
 Fort Pierce Utilities Authority
 Fort Pierce, Florida

I.D. NUMBER: 50/WPB/56/0003
 PERMIT/CERTIFICATION NUMBER: AO 56-190275
 DATE OF ISSUE: MAY 23 1991
 EXPIRATION DATE: February 28, 1996

SPECIFIC CONDITIONS:

1. Compliance testing shall be conducted for the sources covered by this permit by September 1991 and annually thereafter in accordance with the methods specified below.

2. Emission limiting standards are as follow:

a) Units 6, 7, and 8

1. Visible emissions shall not exceed 5% opacity while firing natural gas.
2. The operating permits emission limits for this facility's existing boilers shall not exceed the following rates:

Parameter	Unit 6		Unit 7		Unit 8	
	lbs/hr	ton/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
Part.	0.4	0.0024	0.568	0.382	0.945	3.018
SO _x	12.38	0.0743	0.1199	0.0806	0.1917	0.617
NO _x	1.31	0.007854	104.35	70.126	173.20	552.860
VOC	0.0236	0.000142	0.266	0.179	0.441	1.407
CO	0.15	0.0009	7.589	5.100	12.59	40.2
hrs/yr	12		1344		6384	

The operating permits emission limits for these boilers (units No. 6, 7, and 8) shall be modified as stated above.

3. Natural gas is the only permitted fuel for normal operation for Units 7 and 8. Unit 6 is allowed to burn natural gas with a No. 6 fuel oil (0.76% sulfur content) as the standby fuel. If the gas supply is curtailed or an emergency is declared, the facility shall obtain an emergency order for Units 7 and 8 to burn fuel oil. Visible emissions shall not exceed 15% opacity while burning fuel oil. If fuel oil usage exceeds 15 days per calendar year, the Department shall be notified and provision made for emissions testing within 30 days.

b) Unit 8

1. Continuous emission monitors are required for nitrogen oxides and oxygen.
2. Quarterly excess emissions reports pursuant to 40CFR60 shall be submitted to the Southeast District Office postmarked no later than the 30th day following the end of each calendar quarter.

c) Diesels 1 and 2

Visible emissions shall not exceed 20 percent opacity while using No. 2 fuel oil.

Source/Emission Point	Pollutant	Test Method
Diesels 1 & 2, Boilers 6, 7, & 8	Visible Emissions	EPA Method 9
Boilers 6, 7, & 8	Particulate	EPA Method 5
	SO _x	EPA Method 6
	NO _x	EPA Method 7,7E
	VOC	EPA Method 25A
	CO	EPA Method 10

The compliance test report shall be submitted to the Department in accordance with Florida Administrative Code (F.A.C.) Rule 17-2 700(7).

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Fort Pierce Utilities Authority
Fort Pierce, Florida


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SPECIFIC CONDITIONS:

4. Testing of emissions should be conducted using the fuel and/or process input which are expected to result in the highest emissions and within ten percent (10%) of the rated capacity of the source, otherwise the Department may require the test to be repeated or require modification of the permit to reflect tested rates and/or fuels.
5. The Department shall be notified of expected test dates at least fifteen (15) days prior to compliance testing.
6. On or before March 1 of each calendar year, a completed DER Form 17-1 202(6), Annual Operations Report Form for Air Emissions Sources shall be submitted to the Department.
7. Ambient monitoring for particulate and sulfur dioxide is required when fuel oil is used .
8. Copies of all reports, tests, notifications or other submittals required by this permit shall be submitted to both the Department of Environmental Regulation, Southeast District Office and Palm Beach County Public Health Unit.
9. The permittee shall be aware of and operate under the attached "General Permit Conditions #1 thru #14." General Permit Conditions are binding upon the permittee and enforceable pursuant to Chapter 403 of the Florida Statutes.

Issued this 23rd day of MAY, 1991

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



J. Scott Benyon
Deputy Assistant Secretary

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Preston Lewis

Initial

Date

2.

DER Tallahassee

Initial

Date

3.

Initial

Date

4.

Initial

Date

REMARKS:

INFORMATION

Review & Return

Review & File

Initial & Forward

RECEIVED

MAY 29 1991

Division of Air Resources Management

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

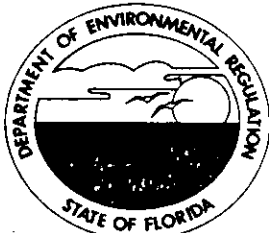
For Processing

Initial & Return

FROM:

DATE

PHONE



Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Telephone No. 407/433-2650

Carol M. Browner, Secretary

MAY 24 1991

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

In the Matter of an Application
for Permit by:

DER File No. AO 56-190275
St. Lucie County
Air Program

Mr. H. P. Lamb /
Superintendent/Power Resources /
Fort Pierce Utility Authority /
311 North Indian River Drive /
Fort Pierce, Florida 33450 /

Enclosed is Permit Number AO 56-190275 to operate an air pollution source issued pursuant to Section 17-2, Florida Statutes.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of receipt of this Permit. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information;

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5 207, F.A.C.

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103 070, F.A.C. Upon timely

Mr. H. P. Lamb
Fort Pierce Utilities Authority
Fort Pierce, Florida

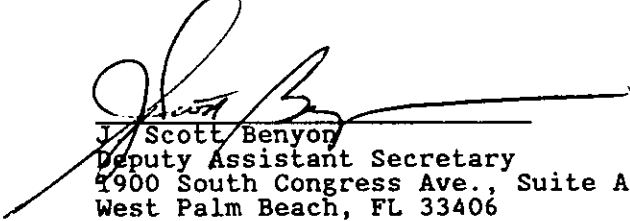
DER Permit No. AO 56-190275

filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120 68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9 110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

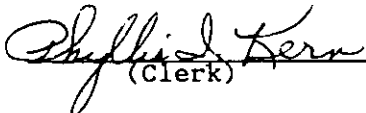

J. Scott Benyon
Deputy Assistant Secretary
1900 South Congress Ave., Suite A
West Palm Beach, FL 33406
407/433-2650

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified mail before the close of business on MAY 24 1991 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to
§120 52(11), Florida Statutes, with the
designated Department Clerk, receipt of
which is hereby acknowledged.


(Clerk) MAY 24 1991
(Date)

Copies furnished to:

Harry Schindette
Preston Lewis