

Department of Environmental Protection

FILE

JAN 31 1996

Lawton Chiles
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

Virginia B. Wetherell
Secretary

CERTIFIED MAIL

2359 641 697

1/31/96

Mr. Harvey Wildschuetz, Utilities Director
City of Lake Worth
Utilities Department
1900 2nd Avenue North
Lake Worth, FL 33461-4298

DEP File No. 0990045-001-AO
Palm Beach County
Project: Lake Worth Utilities
S1, S3, S4, MU 1 - MU 5, GT-1

RE: Modification of Air Permits, Permit Numbers AO 50-169444, AO 50-172357, AO 50-219177, Issued December 13, 1989, January 18, 1990, and November 6, 1992, Respectively

Dear Mr. Wildschuetz:

We have reviewed your request for a modification of the above permits. Pursuant to that request, the permits are changed as follows:

For each of the above permits, specific conditions 1 and 4 shall be superseded by this modification. The following specific condition shall apply in addition to all other conditions of the above permits.

For permit number AO 50-169444 (units S-1, S-3, S-4) the following specific condition shall be added:

- 10. The permittee shall comply with the following emission limiting standards for NOx. [F.A.C. Rule 62-296.570]

Emissions of NOx from units S-1, S-3, and S-4 shall not exceed 0.50 lb./million Btu while firing natural gas or while firing fuel oil.

Compliance with the NOx emission limiting standards shall be demonstrated as follows: [F.A.C. Rule 62-296.570]

Unit S-3 is equipped with a continuous emission monitoring system (CEMS) for NOx. Compliance for unit S-3 shall be demonstrated based on a 30-day rolling average. The CEMS shall be properly maintained and operated and shall meet the performance specifications of 40 CFR 60, Appendix B, or 40 CFR 75. The CEMS data shall be maintained on-site for inspection by the Department, and shall be retained for a minimum of five years from the date of the record. The CEMS data need not be submitted regularly to the Department.

Compliance for units S-1 and S-4 shall be demonstrated by annual emission testing in accordance with EPA Test Method 7E. Emission testing shall be completed by February 28th of each year. Annual compliance testing while firing oil is not required for units that operated on oil for less than 400 hours in the previous federal fiscal year (ending September 30th). The permittee shall submit to the Palm Beach County Public Health Unit, Air Section, and to the Department of Environmental Protection, Southeast District Office, Air Program, written confirmation that testing while firing oil is not required, in lieu of submitting an emission test report, for each unit that is not tested each year.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

All required emission testing shall be performed no later than February 28th of each year, except for units that are not operating because of scheduled maintenance outages and emergency repairs, which will be tested within thirty days of return to service.

Compliance testing shall be conducted with the emission units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emission units). If an emissions unit is not tested at permitted capacity, the emission unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity. [F.A.C. Rule 62-297.310(2)]

For permit number AO 50-219177 (unit GT-1) the following specific condition shall be added:

10. The permittee shall comply with the following emission limiting standards for NOx. [F.A.C. Rule 62-296.570]

Emissions of NOx from unit GT-1 shall not exceed 0.50 lb./million Btu while firing natural gas and 0.90 lb./million Btu while firing fuel oil.

Compliance with the NOx emission limiting standards shall be demonstrated as follows: [F.A.C. Rule 62-296.570]

Compliance for unit GT-1 shall be demonstrated by annual emission testing in accordance with EPA Test Method 7E. Emission testing shall be completed by February 28th of each year. Annual compliance testing while firing oil is not required for units that operated on oil for less than 400 hours in the previous federal fiscal year (ending September 30th). The permittee shall submit to the Palm Beach County Public Health Unit, Air Section, and to the Department of Environmental Protection, Southeast District Office, Air Program, written confirmation that testing while firing oil is not required, in lieu of submitting an emission test report, for each unit that is not tested each year.

All required emission testing shall be performed no later than February 28th of each year, except for units that are not operating because of scheduled maintenance outages and emergency repairs, which will be tested within thirty days of return to service.

Compliance testing shall be conducted with the emission units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emission units). If an emissions unit is not tested at permitted capacity, the emission unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity. [F.A.C. Rule 62-297.310(2)]

For permit number AO 50-172357 (units MU 1 - MU 5) the following condition shall be added:

9. The permittee shall comply with the following emission limiting standards for NOx. [F.A.C. Rule 62-296.570]

Emissions of NOx from the diesel generator units MU 1 through MU 5 shall not exceed 4.75 lb./million Btu.

Compliance with the NOx emission limiting standards shall be demonstrated as follows: [F.A.C. Rule 62-296.570]

Compliance for units MU 1 through MU 5 shall be demonstrated by annual emission testing in accordance with EPA Test Method 7E. Emission testing shall be completed by February 28th of each year. Annual compliance testing while firing oil is not required for units that operated on oil for less than 400 hours in the previous federal fiscal year (ending September 30th). The permittee shall submit to the Palm Beach County Public Health Unit, Air Section, and to the Department of Environmental Protection, Southeast District Office, Air Program, written confirmation that testing while firing oil is not required, in lieu of submitting an emission test report, for each unit that is not tested each year.

All required emission testing shall be performed no later than February 28th of each year, except for units that are not operating because of scheduled maintenance outages and emergency repairs, which will be tested within thirty days of return to service.

Compliance testing shall be conducted with the emission units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emission units). If an emissions unit is not tested at permitted capacity, the emission unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity. [F.A.C. Rule 62-297.310(2)]

This letter must be attached to the original permits and becomes part of those permits.

This letter constitutes final agency action unless a person substantially affected by this action requests an administrative hearing pursuant to Section 120.57, Florida Statutes (F.S.). The petition must be filed within 14 days from receipt of this letter. The petition must comply with the requirements of Florida Administrative Code (F.A.C.) Rule 28-5.201 and be filed pursuant to F.A.C. Rule 62-103.155(1) in the Office of General Counsel of the Department of Environmental Protection at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions which are not filed in accordance with the above provisions will not be accepted by the Department. If a formal proceeding pursuant to Section 120.57(1) is requested, at such formal hearing all parties shall have an opportunity to respond, to present evidence and argument on all issues involved, to conduct cross-examination of witnesses and submit rebuttal evidence, to submit proposed findings of facts and orders, to file exceptions to any order or hearing officer's recommended order, and to be represented by counsel. If an informal proceeding is requested, the agency will, in accordance with its rules of procedure, give affected persons or parties or their counsel an opportunity, at a convenient time and place, to present to the agency or hearing officer written or oral evidence in opposition to the agency's action or refusal to act, or a written statement challenging the grounds upon which the agency has chosen to justify its action or inaction, pursuant to Section 120.57(2), F.S. The hearing process is designed to formulate agency action. Accordingly, the Department's final action as a result of a hearing may be different from the position taken by it in this stage. Therefore any person who may wish to contest the Department's ultimate permitting decision must petition for hearing within the fourteen day period described above. Failure to file a request for hearing within this time period shall constitute a waiver of any right such person may have to request a hearing under Section 120.57, F.S.

This modification 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 F.A.C. Rule 62-103.070. Upon timely filing of a petition or a request for an extension of time this modification will not be effective until further Order of the Department.

FILE

When the Order (modification) 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 modification is filed with the Clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

I. Goldman

1/31/96

Isidore Goldman, P.E.
District Air Program Administrator
Southeast District

Date

IG/jk

cc: James Stormer, PBCPHU

Scott Sheplak, DEP/BAR

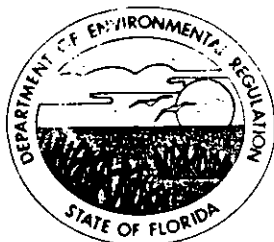
CERTIFICATE OF SERVICE

This is to certify that this INTENT TO ISSUE and all copies were mailed before the close of business on JAN 31 1996 to the listed persons.

FILING AND ACKNOWLEDGMENT: FILED, on this date, pursuant to § 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Jaida C. Braxton
Clerk

JAN 31 1996
Date



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

FILE

PERMITTEE:

Mr. N. Keith Nicholson
City of Lake Worth Utilities
112 College Street
Lake Worth, Florida 33460

I.D. NUMBER: 50/PMB/50/0045
PERMIT/CERTIFICATION NUMBER: AO 50-169444 *
DATE OF ISSUE: DEC. 13 1989
EXPIRATION DATE: December 17, 1994
COUNTY: Palm Beach
LATITUDE/LONGITUDE: 26°36'45"N/80°04'04"W
UTM: Zone 17; 592.8 Km. E; 2943.7 Km. N
PROJECT: City of Lake Worth Utilities
Fossil Fuel Steam Generating
Units 1, 3 and 4

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) Fossil Fuel Steam Generating Unit 1, rated at 7,500 KW (111 million BTU/hr.), capable of burning a mix of natural gas and #6 fuel oil operating as required to supplement the base load of Combined Cycle Unit CGT-2/S-5. Emissions are discharged 60 feet above ground level through a 5-foot diameter stack.
- b) Fossil Fuel Steam Generating Unit 3, nominally rated at 25,200 KW (325 million BTU/hr.) capable of burning a mix of natural gas and #6 fuel oil, operating as required to supplement the base load of Combined Cycle Unit CGT-2/S-5. Emissions are discharged 100 feet above ground level through a 7-foot diameter stack.
- c) Fossil Fuel Steam Generating Unit 4, nominally rated at 33,000 KW (419 million BTU/hr.), capable of burning a mix of natural gas and #6 fuel oil, operating as required to supplement the base load of Combined Cycle Unit CGT-2/S-5. Emissions are discharged 100 feet above ground level through a 7-foot diameter stack.

IN ACCORDANCE WITH: Application for Renewal of Permits to Operate Air Pollution Sources for Steam Units 1, 3 and 4 all received August 31, 1989 and Applications for Permits to Operate Air Pollution Sources for Units 1, 3 and 4 all dated July 3, 1979 (none are attached).

LOCATED AT: 114 College Street, Lake Worth, Palm Beach County, Florida.

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

SUBJECT TO: General Conditions 1-14. and Specific Conditions 1-9.

* This permit is a renewal of AO 50-091730 issued January 4, 1985.

RECEIVED

APR 24 1997

BUREAU OF
AIR REGULATION

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. W. Keith Nicholson
City of Lake Worth Utilities
Lake Worth, Florida

I.D. NUMBER: 50/PMB/ 0045
PERMIT/CERTIFICATION NUMBER: AO 50-169444
DATE OF ISSUE: DEC. 13 1989
EXPIRATION DATE: December 17, 1994

SPECIFIC CONDITIONS:

1. Compliance testing shall be conducted for the sources covered by this permit by August 1990 and annually thereafter in accordance with the methods specified below.

2. Emission limiting standards are as follows:

a. Unit 1

In accordance with Florida Administrative Code (F.A.C.) Rule 17-2.600(6)(A) - Fossil Fuel Steam Generators less than 250 Million BTU per Hour Heat Input Visible Emissions - 20 Percent opacity except for one two-minute period per hour the opacity shall not exceed 40 percent opacity.

b. Units 3 and 4

In accordance with F.A.C. Rules 17-2.600(5)(a) Fossil Fuel Steam Generators with more than 250 million BTU per Hour Heat Input and F.A.C. Rule 17-2.250(3)

- Visible emissions for steady state operations shall not exceed 20 percent opacity, except that 40 percent opacity shall be permissible for no more than 2 minutes in any one hour period.
- Particulate emissions for steady state operations shall not exceed 0.1 pounds per million BTU heat input, maximum 2-hour average.
- Visible emissions for soot blowing (if utilized) and load changes shall not exceed 60 percent opacity for more than 3 hours in any 24-hour period.
- Particulate emissions for soot blowing (if utilized) and load changes shall not exceed an average of 0.3 pounds per million BTU heat input during the three (3) hours period allowed for in excess

In accordance with Special Conditions I. 1. of Certification for Unit S-5, restricting sulfur content of fuel for units 3 and 4 to 2.25%, SO₂ emissions shall not exceed 2.475 pounds per million BTU heat input.

3. The compliance test report shall include results of tests by the following methods:

<u>Source/Emission Point</u>	<u>Pollutant</u>	<u>Test Method</u>
Unit 1	Visible Emissions	DER Method 9
Units 3 and 4	Visible Emissions (Steady State & Soot Blowing)	DER Method 9
	Particulate ** (Steady State & Soot Blowing)	EPA Method 17* or EPA Method 5
	SO ₂	***

The compliance test report shall be submitted to the Department in accordance with Florida Administrative Code (F.A.C.) Rule 17-2.700(7).

* Method 17 may be used only if the stack temperature is less than 375°.

** Testing of particulate emissions will be conducted if unit operation on oil, exclusive of start-up exceeds 400 hours per year (FAC 17-2.700(2)(a)5.)

*** Sulfur content shall be verified by monthly fuel analysis reports submitted quarterly. SO₂ emissions shall be calculated stoichiometrically.

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 modify the permit to reflect tested rates and/or fuels.

PERMITTEE:
Mr. N. Keith Nicholson
City of Lake Worth Utilities
Lake Worth, Florida

I.D. NUMBER: 50/PM 0/0045
PERMIT/CERTIFICATION NUMBER: AO 50-169444
DATE OF ISSUE: DEC. 13 1989
EXPIRATION DATE: December 17, 1994

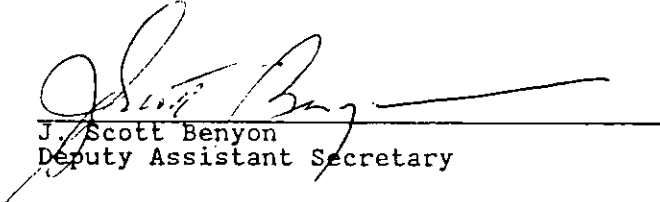
SPECIFIC CONDITIONS:

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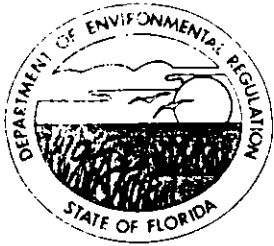
5. The Department shall be notified of expected test dates at least fifteen (15) days prior to compliance testing.
6. On or before March 1 of each calendar year, a completed DER Form 17-1.202(6), Annual Operations Report Form for Air Emissions Sources shall be submitted to the Department.
7. Copies of 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.
8. As of the date of issue of this permit, Unit #1 is on cold standby and Unit #4 is down for repairs. Within 30 days after start-up of each unit, submit the required tests for that 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 15th day of December, 1989

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



J. Scott Benyon
Deputy Assistant Secretary



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

DEC. 13 1989

FILE

NOTICE OF PERMIT

Palm Beach County
AP - City of Lake Worth Utilities
Fossil Fuel Steam Generating
Units 1, 3 and 4

Mr. N. Keith Nicholson
City of Lake Worth Utilities
114 College Street
Lake Worth, Florida 33460

Dear Mr. Nicholson:


Enclosed is Permit Number AO 50-169444 to operate an air pollution source issued pursuant to Section 403.087, Florida Statutes.

Persons whose substantial interests are affected by this permit have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on it. The petition must conform to the requirements of Chapters 17-103 and 28-5.201, FAC, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, FL 32399-2400, within fourteen (14) days of receipt of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with this paragraph 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, FAC. Upon timely 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, FL 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 Final Order is filed with the Clerk of the Department.

Executed in West Palm Beach, Florida

STATE OF FLORIDA
DEPARTMENT OF REGULATION


J. Scott Benyon
Deputy Assistant Secretary
1900 South Congress Ave., Suite A
West Palm Beach, FL 33406
407/964-9668

JSB:SBk27

cc: Palm Beach County Public Health Unit

Mr. N. Keith Nicholson
City of Lake Worth
Lake Worth, Florida
Page 2 of 2

DER Permit Numb 90 50-169444

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on DEC. 13 1989 to the listed persons.

Clerk Stamp

FILE

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to §120.52(10), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Phyllis J. Kern
Clerk

DEC. 13 1989
Date



Florida Department of
Environmental Protection

Lawton Chiles
Governor

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

Virginia B. Wetherell
Secretary

April 1, 1994

FILE

Mr. William C. Michael
Mechanical Systems Engineer
City of Lake Worth Utilities
1900 2nd Avenue North
Lake Worth, FL 33461-4298

Dear Mr. Michael:

The Department is in receipt of your letters dated March 28 and 29, 1994. The permit for the diesel peaking units, AO 50 - 172357, and the permit for the steam units, AO 50 - 169444, are extended by rule until June 2, 1995 per 17-210.300(2)(c)1., F.A.C. The Title V application for the facility is due April 2, 1995 not November of 1995 as stated in your March 29 letter. The Title V application is due in April because of the Power Plant Siting Certification for Unit S-5.

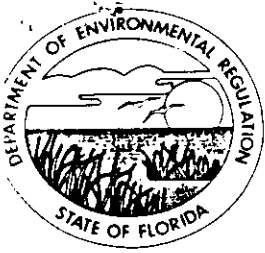
In addition, 17-4.090, F.A.C., states that if an application is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by DEP. This means that the permits will be extended until the Title V permit is issued if the renewal is timely and sufficient. The Department has three years from November 15, 1995 to issue all Title V permits at the rate of 1/3 of the total per year.

Should you have any additional questions, please call me at (407) 433-2650.

Sincerely,

Stephanie S. Brooks, P.E.
Stephanie S. Brooks, P.E.
Professional Engineer II
Supervisor, Air Permitting Section

cc: Jeff Koerner, Palm Beach County Health Unit



Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Telephone: 407/433-2650
Fax: 407/433-2666

Carol M. Browner, Secretary

NOV 6 1992

PERMITTEE:
Mr. N. Keith Nicholson
Power Plant Superintendent
City of Lake Worth Utilities
1900 2nd Avenue North
Lake Worth, Florida 33461-4298

I.D. NUMBER: 50/PMB/50/0045/06
PERMIT/CERTIFICATION NUMBER: AO 50-219177*
DATE OF ISSUE: NOV 6 1992
EXPIRATION DATE: October 30, 1997
COUNTY: Palm Beach
LATITUDE/LONGITUDE: 26°36'45"N/80°04'04"W
UTM: Zone 17; 592.8 Km. E; 2943.6 Km. N
PROJECT: City of Lake Worth Utilities
30 MW Gas Turbine No. 1 (Peaking Unit)

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 30 MW Westinghouse Combustion Gas Turbine (No. 1) burning No. 2 fuel oil at a maximum rate of 435 MBTU/hr. (3,145 gal./hr.). Pollutants are emitted through a stack 50 feet above ground level.

IN ACCORDANCE WITH: Application for Renewal of Permit to Operate Air Pollution Sources received September 16, 1992; Application for Renewal of Permit to Operate an Air Pollution Source received December 21, 1987, as amended February 8, 1988, and Application to Operate an Air Pollution Source dated September 8, 1977 (none are attached).

LOCATED AT: 117 College Street, Lake Worth, Palm Beach County, Florida.

TO SERVE: A public service utility (SIC # 4911).

SUBJECT TO: General Conditions 1-14. and Specific Conditions 1-9.

*This permit is a renewal of permit no. AO 50-143296 issued April 26, 1988.

Page 1 of 4

DER Form 17-1.201(5)
Effective November 30, 1982

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 noncompliance 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.

NOV 6 1992

PERMITTEE:
Mr. N. Keith Nicholson
Power Plant Superintendent
City of Lake Worth Utilities
Lake Worth, Florida 33461-4298

I.D. NUMBER: 50/PMB/50/0045/06
PERMIT/CERTIFICATION NUMBER: AO 50-219177
DATE OF ISSUE: NOV 6 1992
EXPIRATION DATE: October 30, 1997

SPECIFIC CONDITIONS:

1. Compliance testing shall be conducted for the sources covered by this permit by February 1993 and annually thereafter in accordance with the methods specified below.

2. Emission limiting standard is as follows:

In accordance with Florida Administrative Code (F.A.C.) Rule 17-2.610(2)(a), no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere any air pollutants with opacity equal to or greater than 20 percent.

3. The compliance test report shall include results of tests by the following methods:

<u>Source/Emission Point</u>	<u>Pollutant</u>	<u>Test Method</u>
Stack	Visible Emissions	DER Method 9

The compliance test report shall be submitted to the Department in accordance with Florida Administrative Code (F.A.C.) Rule 17-2.700(1).

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. Fuel used shall be limited to #2 fuel oil.

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.

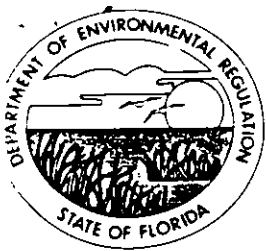
9. The permittee shall be aware of and operate under the attached "General Permit Conditions #1 thru #14." General Permit Conditions are binding upon the permittee and enforceable pursuant to Chapter 403 of the Florida Statutes.

Issued this 5th day of November, 1992

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



Mary E. S. Williams
Director of District Management



Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Telephone: 407/433-2650

Carol M. Browner, Secretary

Fax: 407/433-2666

NOV 6 1992

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT ISSUANCE

FILE

CERTIFIED MAIL

In the Matter of an Application
for Permit by:
Mr. N. Keith Nicholson /
Power Plant Superintendent /
City of Lake Worth Utilities /
1900 2nd Avenue North /
Lake Worth, Florida 33461-4298 /

DER File No. AO 50-219177
Palm Beach County

Enclosed is Permit Number AO 50-219177 to operate an air pollution source issued pursuant to Section 403.087, 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 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

Mary E. S. Williams

Mary E.S. Williams
Director of District Management
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 NOV 6 1992 to the listed persons.

Clerk Stamp

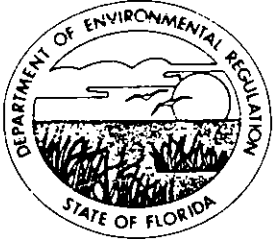
FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Gloria Lindsay
(Clerk)

NOV 6 1992
(Date)

Copies furnished to: Palm Beach County Public Health Unit

FILE



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary
Scott Benson, Deputy Assistant Secretary

PERMITTEE:

Mr. N. Keith Nicholson
Power Plant Superintendent
City of Lake Worth Utilities
114 College Street
Lake Worth, Florida 33460

I.D. NUMBER: 50/PMB/50/0045

PERMIT/CERTIFICATION NUMBER: AO 50-172357 *

DATE OF ISSUE: JAN. 10, 1990

EXPIRATION DATE: July 17, 1994

COUNTY: Palm Beach

LATITUDE/LONGITUDE: 26°36'45"N/80°04'04"W

UTM: Zone 17; 592.8 Km. E; 2943.7 Km. N

PROJECT: City of Lake Worth Utilities
5 diesel Peaking Units

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 5 diesel generators (peaking units designated MW 1 to MW 5), 2000 KW each using #2 diesel fuel. Emissions are discharged 16.5 feet above ground level.

IN ACCORDANCE WITH: Application for Renewal of Permit to Operate Air Pollution Sources received November 7, 1989 and Application to Operate Air Pollution Sources dated June 22, 1979 (none are attached).

LOCATED AT: 114 College Street, Lake Worth, Palm Beach County, Florida.

TO SERVE: An electrical generating utility (SIC # 4931).

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

* This permit is a renewal of AO 50-089334 issued July 10, 1984.

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.

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. N. Keith Nicholson
City of Lake Worth Utilities,
Lake Worth, Florida

I.D. NUMBER: 50/PMB/50 245
PERMIT/CERTIFICATION NUMBER: AO 50 172357
DATE OF ISSUE: JAN 13 1990
EXPIRATION DATE: July 17, 1994

FILE

SPECIFIC CONDITIONS:

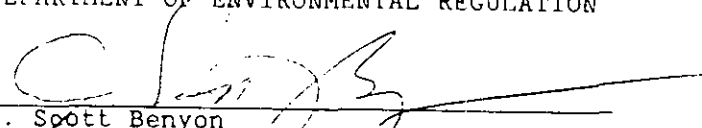
1. Compliance testing shall be conducted for the sources covered by this permit by June 1990 and annually thereafter in accordance with the methods specified below.
2. Emission limiting standard is as follows:
In accordance with Florida Administrative Code Rule 17-2.610(2)(a) - No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere any pollutants from new, or existing sources with an opacity greater than or equal to 20 percent.
3. The compliance test report shall include results of tests by the following methods:

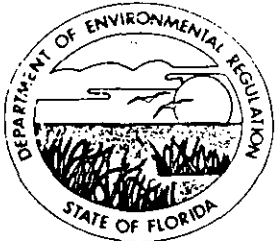
<u>Source/Emission Point</u>	<u>Pollutant</u>	<u>Test Method</u>
Diesel Generator Exhaust Stacks	Visible Emissions	DER Method 9

The compliance test report shall be submitted to the Department in accordance with Florida Administrative Code (F.A.C.) Rule 17-2.700(7).
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 modify 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. 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.
8. 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 13th day of January, 1990

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION


J. Scott Benyon
Deputy Assistant Secretary



Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406 • 407-964-9668

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary
Scott Benyon, Deputy Assistant Secretary

NOTICE OF PERMIT

JAN. 18 1990

Palm Beach County
AP - City of Lake Worth Utilities
5 Diesel Peaking Units

Mr. N. Keith Nicholson
Power Plant Superintendent
City of Lake Worth Utilities
114 College Street
Lake Worth, Florida 33460

FILE

Dear Mr. Nicholson:

Enclosed is Permit Number AO 50-172357 to operate an air pollution source issued pursuant to Section 403.087, Florida Statutes.

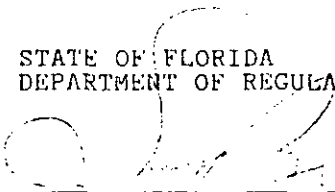
Persons whose substantial interests are affected by this permit have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on it. The petition must conform to the requirements of Chapters 17-103 and 28-5.201, FAC, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, FL 32399-2400, within fourteen (14) days of receipt of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with this paragraph 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, FAC. Upon timely 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, FL 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 Final Order is filed with the Clerk of the Department.

In addition, please be advised that some processes generate hazardous wastes. Please consult 40 C.F.R. Parts 260-271 and Chapter 17-730, F.A.C. for specific rules and regulations applicable to hazardous waste handlers. Attached for your use is a document entitled "Highlights of Hazardous Waste Regulations" which outlines typical compliance items applicable to various hazardous waste generators/facilities.

Executed in West Palm Beach, Florida

STATE OF FLORIDA
DEPARTMENT OF REGULATION


J. Scott Benyon
Deputy Assistant Secretary
1900 South Congress Ave., Suite A
West Palm Beach, FL 33406
407/964-9668

JSB:SBK53

cc: Palm Beach County Public Health Unit

FILE

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on JAN 1 8 1990 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to §120.52(10), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Phyllis J. Kern
Clerk

JAN. 1 8 1990
Date

Palm Beach County Health Department

P.O. BOX 29, WEST PALM BEACH, FLORIDA 33402

C.L. BRUMBACK, M.D., M.P.H.
DIRECTOR

XXXXXXXXXXXX
Please Address
Reply To XXXX

September 10, 1976

Mr. C. C. Blaisdell, Jr.
Lake Worth Utilities Authority
114 College Street
Lake Worth, Florida 33460

Dear Mr. Blaisdell:

Pursuant to your recent application, please find enclosed a permit (No.AC 50-2168A), dated 9/10/76 to construct ~~at~~ the subject pollution source.

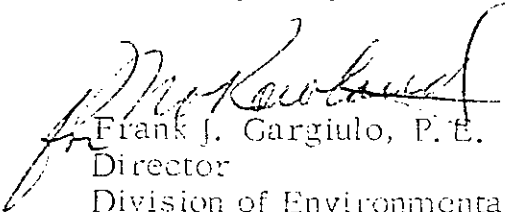
This permit will expire on 9/1/77 , and will be subject to the conditions, requirements and restrictions checked or indicated otherwise in the attached sheet "Construction/~~Operation~~ Permit Conditions."

This permit is issued under the authority of Florida Statute 403.061(16). The time limits imposed herein are a condition to this permit and are enforceable under Florida Statute 403.061. You are hereby placed on Notice that this Agency will review this permit before the scheduled date of expiration and will institute enforcement action for violation(s) of the conditions and requirements of this permit, through either the Palm Beach County Environmental Control Office (ECO) or the Florida Department of Environmental Regulation. (DER)

You have ten (10) days from the date of receipt hereof within which to seek a review of the conditions and requirements contained in this permit. Failure to file a written request to review or modify the conditions or requirements contained in this permit shall be deemed a waiver of any objections thereto.

Your continued cooperation in this matter is appreciated and in future communication please refer to your permit number.

Your very truly,


Frank J. Gargiulo, P. E.
Director
Division of Environmental Sciences
and Engineering

FJG cb

cc: Department of Environmental Regulation, District Office

FSF 204/May 76

RECEIVED

SEP 14 1976

Dept. of Environmental Regulation
West Palm Beach

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

CONSTRUCTION PERMIT

FOR Lake Worth Utilities Authority

114 College Street

Lake Worth, Florida 33460

PERMIT NO. AC 50 2168A *

DATE OF ISSUE September 10, 1976

PURSUANT TO THE PROVISIONS OF SECTIONS 403.061(16) AND 403.707 OF CHAPTER 403 FLORIDA STATUTES AND CHAPTERS 17-4 AND 17-7 FLORIDA ADMINISTRATIVE CODE, THIS PERMIT IS ISSUED TO:

C. C. Blaisdell, Jr., Utilities Director

FOR THE CONSTRUCTION OF THE FOLLOWING:

30 mw gas turbine peaking unit, 55.4 mbtu/hr (avg), burning #2 fuel oil, discharge-through stack minimum 79 ft, MSL, Unit to replace

five (5) existing diesel generators, subject to provisos 1, 2, 3, 4, 6, 8, 9.

LOCATED AT: South College Street, Lake Worth, Palm Beach County

UTM: 17,592.8 Km E; 2,943.6 Km N

IN ACCORDANCE WITH THE APPLICATION DATED July 3, 1973 (original) and August 2, 1976 (extension request)

ANY CONDITIONS OR PROVISOS WHICH ARE ATTACHED HERETO ARE INCORPORATED INTO AND MADE A PART OF THIS PERMIT AS THOUGH FULLY SET FORTH HEREIN. FAILURE TO COMPLY WITH SAID CONDITIONS OR PROVISOS SHALL CONSTITUTE A VIOLATION OF THIS PERMIT AND SHALL SUBJECT THE APPLICANT TO SUCH CIVIL AND CRIMINAL PENALTIES AS PROVIDED BY LAW.

THIS PERMIT SHALL BE EFFECTIVE FROM THE DATE OF ISSUE UNTIL September 1, 1977

OR UNTIL REVOKED OR SURRENDERED AND SHALL BE SUBJECT TO ALL LAWS OF THE STATE AND THE RULES AND REGULATIONS OF THE DEPARTMENT.

M. K. Reiland
Palm Beach County Health Dept.
Environmental Sciences & Engineering

Joseph W. Landers, Jr.
JOSEPH W. LANDERS, JR.
SECRETARY

[Signature]
DISTRICT MANAGER

SEP 14 1976

* This permit is reissued pursuant to request for time extension dated August 2, 1976 and supercedes permit # AC 50-2168A issued June 13, 1975.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

CONSTRUCTION PERMIT PROVISOS

AIR POLLUTION SOURCES

Permit No. AC 50-2168A

Date: 9/10/76

- (X) 1. Construction of this installation shall be completed by July 1, 1977. Application for Permit to Operate to be submitted by August 1, 1977.
- (X) 2. This construction permit expires on September 1, 1977 following an initial period of operation for appropriate testing to determine compliance with the Rules of the Florida Department of Environmental Regulation Commission.
- (X) 3. All applicable rules of the Department including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction.
- (X) 4. The applicant shall continue the retention of the engineer of record for the inspection of the construction of this project. Upon completion the engineer shall inspect for conformity to construction permit applications and associated documents. A report of such inspection shall be submitted by the engineer to the Department of Environmental Regulation for consideration toward the issuance of an operation permit.
- () 5. This _____ shall be tested* for _____ within _____ days after it is placed in operation. These test results are required prior to our issuance of an operation permit and shall be submitted in duplicate to the Florida Department of Environmental Regulation _____

* Fuel Analysis May be Submitted for Required Sulfur Dioxide Emission Test.

- (X) 6. The operation of this installation shall be observed for visible emissions in accordance with Method 9-Visible Determination of the Opacity of Emissions from Stationary Sources (36FR24895; Federal Register, December 23, 1971). The observation results are required prior to our issuance of an operation permit, and shall be submitted ~~in duplicate~~ to the Department of Environmental Regulation District Office, 3301 Gun Club Rd., W. Palm Beach, and Palm Beach County Health Department, P. O. Box 29, W. Palm Beach, Fl 33402
- () 7. Satisfactory ladders, platforms, and other safety devices shall be provided/available as well as necessary ports to facilitate the carrying out of an adequate sampling program.
- (X) 8. There shall be no discharges of liquid effluents or contaminated runoff from the plant site.
- (X) 9. All fugitive dust generated at this site shall be adequately controlled.

SEP 14 1976

Dep. of Env. Regulation
West Palm Beach



STATE OF FLORIDA
DEPARTMENT OF POLLUTION CONTROL

2552 EXECUTIVE CENTER CIRCLE, EAST
MONTGOMERY BUILDING, TALLAHASSEE, FLORIDA 32301

VINCENT D. PATTON
EXECUTIVE DIRECTOR

Please reply to
State of Florida, Southeast Region
Department of Pollution Control
200 Southeast 6th Street, Suite 500
Fort Lauderdale, Florida 33301
Telephone (305) 524-8593

DAVID H. LEVIN
CHAIRMAN

Palm Beach County - AP
Lake Worth Utilities Auth

October 16, 1973

Mr. C. C. Blaisdell, Jr. , Director
Lake Worth Utilities Authority
114 College St.
Lake Worth, Fla.

Dear Mr. Blaisdell:

Pursuant to your recent application, please find enclosed a permit (No. AC50-2168) dated 9-28-73 to construct/~~operate~~ the subject pollution source.

This permit will expire on 3-1-75 , and will be subject to the conditions, requirements and restrictions checked or indicated otherwise in the attached sheet Construction/~~Operation~~ "Permit Conditions."

This permit is issued under the authority of Florida Statutes 403.061 (16). The time limits imposed herein are a condition to this permit and are enforceable under Florida Statute 403.161. 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 seek a review of the conditions and requirements contained in this permit.

Your continued cooperation in this matter is appreciated and in future communication please refer to your permit number.

Sincerely,

C. Medeiros, P.E.
for Regional Engineer

cc: Project Engineer Evert A. Young, 1721 Donna Rd., West Palm Beach
Local Program Palm Beach County Health Department 33401

JOHN R. MIDDLEMAS
BOARD MEMBER

GEORGE RUPPEL
BOARD MEMBER

JAMES F. REDFORD, JR.
BOARD MEMBER

A. D. VINCENT
BOARD MEMBER

Misc 183

STATE OF FLORIDA
DEPARTMENT OF AIR AND WATER
POLLUTION CONTROL

CONSTRUCTION PERMIT

FOR Lake Worth Utilities Authority
114 College St.
Lake Worth, Fla.

PERMIT NO. AC50-2168

DATE 9-28-73

PURSUANT TO THE PROVISION OF SECTION 403.061 (16) OF CHAPTER 403, FLORIDA STATUTES AND CHAPTER 17-4, FLORIDA ADMINISTRATIVE CODE, THIS PERMIT IS ISSUED TO Mr. C. C. Blaisdell, Jr., Utilities Director

FOR THE CONSTRUCTION OF THE FOLLOWING:
gas turbine peaking unit to replace five (5) diesel units
with stack height of minimum of 79' MSL

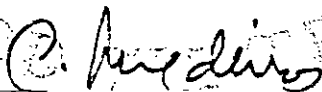
LOCATED AT: South College St., Lake Worth, Fla. Palm Beach
County. UTM'S: 7592800E, 2943675N

IN ACCORDANCE WITH THE APPLICATION DATED 7-3-73

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 3-1-75

AND SHALL BE SUBJECT TO ALL APPLICABLE LAWS OF THE STATE AND THE RULES AND REGULATIONS OF THE DEPARTMENT.



C. Medeiros
for Regional Engineer

DAVID H. SCOTT, CHIEF
BUREAU OF PERMITTING

VINCENT D. PATTON
EXECUTIVE DIRECTOR

STATE OF FLORIDA

DEPARTMENT OF POLLUTION CONTROL

CONSTRUCTION PERMIT PROVISOS

AIR POLLUTION SOURCES

Permit No. AC13-2168

Date: 9-28-73

- [X] 1. Construction of this installation shall be completed by 2-1-75
- [X] 2. This construction permit expires on 3-1-75 following an initial period of operation for appropriate testing to determine compliance with the Rules of the Florida Pollution Control Board.
- [X] 3. All applicable rules of the Department including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction.
- [X] 4. The applicant shall continue the retention of the engineer of record for the inspection of the construction of this project. Upon completion the engineer shall inspect for conformity to construction permit applications and associated documents. A report of such inspection shall be submitted by the engineer to the Department of Pollution Control for consideration toward the issuance of an operation permit.
- [] 5. This _____ shall be tested for _____ within _____ days after it is placed in operation. These test results are required prior to our issuance of an operation permit and shall be submitted in duplicate to the DPC _____ Florida Regional Office _____
- [X] 6. The operation of this installation shall be observed for visible emissions in accordance with Method 9 - Visible Determination of the Opacity of Emissions from Stationary Sources (Federal Register, December 23, 1971). The observation results are required prior to our issuance of an operation permit, and shall be submitted in duplicate to the DPC Southeast Florida Regional Office, 200 SE 6 ST. Suite 500, Ft. Lauderdale, FL 33301
- [] 7. Stack sampling for total particulate or other contaminant emissions shall be conducted if found by the DPC _____ Florida Regional Office to be necessary as a basis for the issuance of an operation permit.
- [] 8. Satisfactory ladders, platforms, and other safety devices shall be provided/available as well as necessary ports to facilitate the carrying out of an adequate sampling program.

(TURN OVER)

- [] 9. The following items are required prior to our issuance of an operation permit in addition to the engineer of record's report of inspection:
- (a) An emission report for total particulates and sulfur oxides based upon actual operations.
 - (b) A tabular summary of actual records of frequencies and durations of soot blowing as well as boiler blowdown characteristics and disposal practices.

These items are required prior to our issuance of an operation permit and shall be submitted in duplicate to the DPC _____
Florida Regional Office, _____

- [] 10. There shall be no discharges of liquid effluents or contaminated runoff from the plant site.
- [] 11. All fugitive dust generated at this site shall be adequately controlled.