



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT
7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610

October 5, 1978
Polk County - AP
City of Lakeland

JOSEPH W. LANDERS, JR.
SECRETARY
P. David Puchaty
District Manager

REUBIN O'D. ASKEW
GOVERNOR

Mr. Mike Opalinski
City of Lakeland
Post Office Box 368
Lakeland, Florida 33802

Dear Mr. Opalinski:

Pursuant to Section 403.061(16), Florida Statutes, your application has been approved by the Department and, therefore, we are issuing to you the enclosed permit no. A053-12366 which will expire on Sept. 28, 1983.

This permit is not effective unless you accept it, including any and all of the conditions contained therein. If you do not choose to accept it, you must file an appropriate petition for a hearing pursuant to the provisions of Section 120.57, Florida Statutes.

A petition for a hearing must comply with the requirements of Florida Administrative Code, Section 28-5.15 and be filed (postmarked) with the Secretary of the Department of Environmental Regulation at Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301, with a copy to this office within fourteen (14) days from receipt of this letter. Petitions which are not filed in accordance with the above provisions may be subject to dismissal.

Any time limits imposed in the permit are a condition to this permit and are enforceable under Section 403.061, Florida Statutes. You are hereby placed on notice that the Department will review this permit to check for compliance and will initiate enforcement action for violations of the conditions and requirements of this permit.

Your continued cooperation in this matter is appreciated. Please refer to your assigned permit number in all future communications.

Sincerely,

P. David Puchaty
District Manager

cc: Record Center
Jack A. Libey, P.E.
Enclosures

RULES OF THE ADMINISTRATION COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and,
 - (g) Such other information which the petitioner contends is material.

NOTE: At a formal hearing all parties shall have an opportunity to present evidence and argument on all issues involved, to conduct cross-examination and submit rebuttal evidence, to submit proposed findings of fact and orders, to file exceptions to any order or hearing officer's recommended order, and to be represented by counsel.

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

NEDS 0004
Point ID 03

POLK COUNTY

OPERATION PERMIT

FOR City of Lakeland
Post Office Box 368
Lakeland, Florida 33802

PERMIT NO. A053-12366 DATE OF ISSUE October 5, 1978

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:
Mr. Mike Opalinski

FOR THE OPERATION OF THE FOLLOWING:
2.5 MW Peaking Unit with 28 MMBTU input. Identified as C.D. McIntosh, Jr. Diesel unit No. 2. This unit burns diesel fuel #2 oil. Subject to provisos 1, 2, 3, 5, 6.

LOCATED AT: North Lake Parker Drive, Lakeland
UTM: East 408.5 North 3105.8

IN ACCORDANCE WITH THE APPLICATION DATED August 7, 1978

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 28, 1983

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

J. H. Kerns
DISTRICT ENGINEER

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

Paul J. ...
DISTRICT MANAGER

WHB

State of Florida
Department of Environmental Regulation

OPERATION PERMIT CONDITIONS
FOR AIR POLLUTION SOURCES

Permit No.: A053-12366

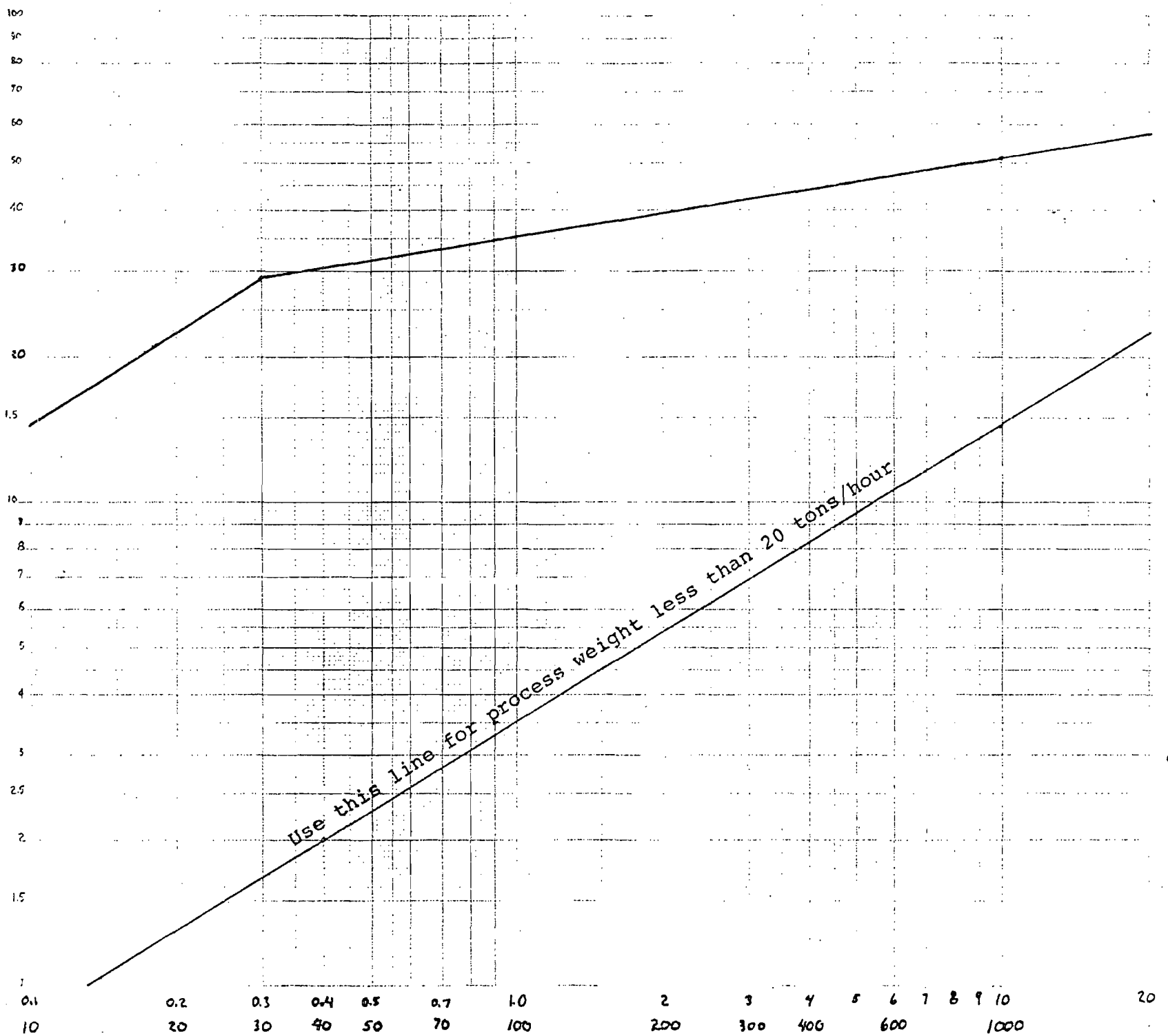
Date: October 5, 1978

An (X) indicates applicable conditions

- (X) 1. The permit holder must comply with Florida Statute, Chapter 403 and the applicable Chapters of the Department of Environmental Regulation in addition to the conditions of this permit (Chapter 403.161(1)(b), Florida Statutes).
- (X) 2. Test the emissions for the following pollutant(s) at intervals of 6 months from the date 7-10-78 and submit a copy of test data to the District Engineer of this agency within fifteen days of such testing (Chapter 17-2.07(1), Florida Administrative Code (F.A.C.)).
- | | | | |
|-----|---------------|-----|----------------------|
| () | Particulates | () | Sulfur Oxides |
| () | Fluorides | () | Nitrogen Oxides |
| (X) | Plume Density | () | Hydrocarbons |
| | | () | Total Reduced Sulfur |
- (X) 3. Testing of emissions must be accomplished at approximately the rates as stated in the application. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data (Chapter 403.161(1)(c), Florida Statutes).
- () 4. Submit for this source quarterly reports showing the type and monthly quantities of fuels used in the operation of this source. Also state the sulfur content of each fuel (Chapter 17-4.14, F.A.C.).
- (X) 5. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information as per Chapter 17-4.14, F.A.C.
- | | |
|-----|---|
| (A) | Annual amount of materials and/or fuels utilized. |
| (B) | Annual emissions (note calculation basis). |
| (C) | Any changes in the information contained in the permit application. |

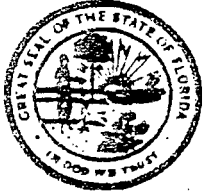
- (X) 6. In the event the permittee is temporarily unable to comply with any of the conditions of the permit, the permittee shall immediately notify the District Office of the D.E.R. as per Chapter 17-4.13, F.A.C. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement actions by the Department.
- () 7. According to the Process Weight Table within Chapter 17-2.04(2), F.A.C., the maximum allowable emission rate of particulate matter for a process rate of _____ tons/hour is _____ pounds/hour. At lesser process rates, the allowable emission rates can be determined from the graph.
- () 8. This permit is associated with a Development of Regional Impact (D.R.I.). It does not waive any other permits that may be required from this or any other state, federal, or local agency.

POUNDS OF PARTICULATES



PROCESS WEIGHT TONS/HOUR

PROCESS WEIGHT TABLE



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

CENTRAL SUBDISTRICT
P.O. BOX 9205
500 E. CENTRAL AVENUE
WINTER HAVEN, FLORIDA 33880

REUBEN O'D. ASKEW
GOVERNOR

JOSEPH W. LANDERS, JR.
SECRETARY

October 5, 1976

C. D. McIntosh, Jr., Director
Department of E & W Utilities
Post Office Box 368
Lakeland, Florida 33802

POLK COUNTY AP
CITY OF LAKEFLAND
DIESEL NO. 2

Dear Mr. McIntosh:

Pursuant to your recent application, please find enclosed a permit (No. A053-5073) dated 10-5-76 to ~~construct~~ operate the subject pollution source.

This permit will expire on 10-5-78 , and will be subject to the conditions, requirements and restrictions checked or indicated otherwise in the attached sheet ~~XXXXXXXXXX~~ "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 403.161. 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. 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.

Yours very truly,

J. H. Kerns, P.E.
District Engineer

JHK:bat

cc: Central Files -
Jack A. Libey, P.E.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

NEDS 0004
POINT ID 03

OPERATION PERMIT

FOR THE CITY OF LAKELAND
 POWER PLANT NO. 3, DIESEL NO. 2
 POST OFFICE BOX 368
 LAKELAND, FLORIDA 33802
 PERMIT NO. A053-5073 DATE OF ISSUE 10-5-76

PURSUANT TO THE PROVISIONS OF SECTIONS 403.061 (16) AND 403.707 OF CHAPTER 403, FLORIDA STATUTES AND CHAPTERS 17 AND 17A, FLORIDA ADMINISTRATIVE CODE, THIS PERMIT IS ISSUED TO: C. D. MCINTOSH, JR., DIRECTOR, DEPARTMENT OF E & W UTILITIES

FOR THE OPERATION OF THE FOLLOWING:
 POWER PLANT NO. 3, DIESEL PEAKING UNIT NO. 2 WITH A CAPACITY OF 28 MBTU PER HOUR AND BURNING A MAXIMUM OF 1,428.6 GALLONS PER HOUR OF NO. 2 FUEL OIL (0-18) SUBJECT TO ATTACHED CONDITIONS NOS. 1, 2, 3, 4, 5, 6, 8 and 10

LOCATED AT: NORTH LAKE PARKER DRIVE, LAKELAND
 UTM: EAST 408500 NORTH 3105800

IN ACCORDANCE WITH THE APPLICATION DATED JULY 27, 1976

ANY CONDITIONS OR PROVISOS WHICH ARE ATTACHED HERETO ARE INCORPORATED INTO AND MADE A PART OF THIS PERMIT AS THOUGH FULLY SET FORTH THEREIN. 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 OCTOBER 5, 1978 OR UNLESS REVOKED OR SURRENDERED, AND SHALL BE SUBJECT TO ALL LAWS OF THE STATE AND THE RULES AND REGULATIONS OF THE DEPARTMENT.

J. H. Lewis
 DISTRICT ENGINEER

Joseph W. Landers, Jr.
 JOSEPH W. LANDERS, JR.
 SECRETARY
B. B. Vail
 DISTRICT MANAGER

JLT

THIS PERMIT REPLACES PERMIT NO. A053-2658.

OPERATION PERMIT CONDITIONS

FOR AIR POLLUTION SOURCES

Permit No.: A053-5073

Date: 10-5-76

- (X) 1. Fugitive dusts, odors and other pollutants from all sources shall be effectively controlled or eliminated by suitable means. (Chapter 17-2.04 (3)(4)(5))
- (X) 2. The pollution control equipment shall be maintained and operated in such a manner that all emissions will be in compliance with applicable rules and regulations of the DER. A log of maintenance activities shall be kept and available for DER review. (Chapter 17-2.03 (7))
- (X) 3. Report any problems encountered in the operation of the source that may result in discharge of pollutants in amounts higher than permitted herein. Cease operation forthwith unless permission has been obtained from the regional office of the DER to operate the source for an interim period. (Chapter 17-4.13)
- (X) 4. This permit is issued on the basis of the data submitted in the application and the existing requirements of this agency as set forth in Chapter 17-2 (revised January 18, 1972) Florida Administrative Code. The owner shall obtain written permission from the DER before making changes in the operation of the source (i.e. higher production rate, different raw materials and fuels, etc.) that may increase the quantity of pollutants or change their composition. (Chapter 17-2.01)
- (X) 5. This permit is not transferable. Upon the sale or legal transfer of the source covered by this permit, the new owner must apply by letter for a transfer of this permit within thirty days. (Chapter 17-4.12)
- (X) 6. Test the emissions for the following pollutant(s) at intervals of 6 months from the date of this permit and submit two copies of test results to the District engineer of this agency within fifteen days of such testing. (Chapter 17-2.07 (1))
- | | |
|-------------------|---------------------|
| () Particulates | () Sulfur Oxides |
| () Fluorides | () Nitrogen Oxides |
| (X) Plume Density | () Hydrocarbons |
- () 7. Provide such sampling and testing facilities as may be necessary for the proper determination of the nature and quantity of air pollutants emitted from this source. (Chapter 17-2.07)
- () 8. Identify the pollution source and/or control equipment by its manufacturer, model number, serial number, capacity, and any other pertinent information. Submit this information on or before
- (X) 9. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information:
- a) Annual amount of materials and/or fuel utilized.
 - b) Annual emissions.
 - c) Any changes in the information contained in the permit application.
- (X) 10. Issuance of this permit does not indicate an endorsement or approval of any other required permits by this Department.



JOSEPH W. LANDERS JR.

SECRETARY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

POST OFFICE BOX 9205
500 EAST CENTRAL AVENUE
WINTER HAVEN, FLORIDA 33880

CITY OF LAKELAND
POLK CO. AP

Mr. C. D. McIntosh, Jr.
Director, Department of E & W Utilities
City of Lakeland
P.O. Box 368
Lakeland, Florida 33802

Dear Mr. McIntosh:

Pursuant to your recent application, please find enclosed a permit (No. A053-2658) dated 8/15/75 to ~~XXXXXXXXXX~~ operate the subject pollution source.

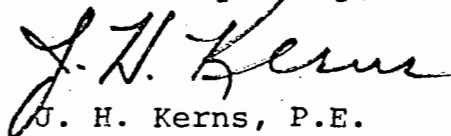
This permit will expire on 8/15/76, and will be subject to the conditions, requirements, and restrictions checked or indicated otherwise in the attached sheet ~~"Construction/~~Operation Permit Conditions."

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 403.161. 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. 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.

Yours very truly,


J. H. Kerns, P.E.

JHK/JLT/pm

cc: Files ✓
Engineer
Nickonovitz

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION OPERATION PERMIT

FOR CITY OF LAKELAND
P.O. BOX 368
LAKELAND, FLORIDA 33862

PERMIT NO. AD53-2658 DATE August 15, 1975

PURSUANT TO THE PROVISIONS OF SECTION 403.01(1)(b) OF CHAPTER 408 FLORIDA STATUTES AND CHAPTER 174 FLORIDA ADMINISTRATIVE CODE, THIS PERMIT IS ISSUED TO:

Mr. C. D. McIntosh, Jr., Director, Dept. of E & W Utilities

FOR THE OPERATION OF THE FOLLOWING:
Diesel Generating Unit No. 2, Power Plant No. 3

LOCATED AT North Lake Parker Drive, Lakeland, Florida

IN ACCORDANCE WITH THE APPLICATION DATED June 11, 1975

AND IN CONFORMANCE WITH THE STATEMENTS AND SUPPORTING DATA REFERRED TO 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 8/15/76 UNLESS REVOKED OR SURRENDERED AND SHALL BE SUBJECT TO ALL LAWS OF THE STATE AND THE RULES AND REGULATIONS OF THE DEPARTMENT.

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

J. H. Kerns
DISTRICT ENGINEER

OPERATION PERMIT CONDITIONS

FOR AIR POLLUTION SOURCES

Permit No.: AO53-2658

Date 8/15/75

- (X) 1. Fugitive dusts, odors and other pollutants from all sources shall be effectively controlled or eliminated by suitable means. (Chapter 17-2.04 (3)(4)(5))
- (X) 2. The pollution control equipment shall be maintained and operated in such a manner that all emissions will be in compliance with applicable rules and regulations of the DER. A log of maintenance activities shall be kept and available for DER review. (Chapter 17-2.03 (7))
- (X) 3. Report any problems encountered in the operation of the source that may result in discharge of pollutants in amounts higher than permitted herein. Cease operation forthwith unless permission has been obtained from the regional office of the DER to operate the source for an interim period. (Chapter 17-4.13)
- (X) 4. This permit is issued on the basis of the data submitted in the application and the existing requirements of this agency as set forth in Chapter 17-2 (revised January 18, 1972) Florida Administrative Code. The owner shall obtain written permission from the DER before making changes in the operation of the source (i.e. higher production rate, different raw materials and fuels, etc.) that may increase the quantity of pollutants or change their composition. (Chapter 17-2.01)
- (X) 5. This permit is not transferable. Upon the sale or legal transfer of the source covered by this permit, the new owner must apply by letter for a transfer of this permit within thirty days. (Chapter 17-4.12)
- (X) 6. Test the emissions for the following pollutant(s) at intervals of 1 year from the date of this permit and submit two copies of test results to the District engineer of this agency within fifteen days of such testing. (Chapter 17-2.07 (1))
- | | | | |
|-----|---------------|-----|-----------------|
| () | Particulates | () | Sulfur Oxides |
| () | Fluorides | () | Nitrogen Oxides |
| (X) | Plume Density | () | Hydrocarbons |
- (X) 7. Provide such sampling and testing facilities as may be necessary for the proper determination of the nature and quantity of air pollutants emitted from this source. (Chapter 17-2.07)
- () 8. Identify the pollution source and/or control equipment by its manufacturer, model number, serial number, capacity, and any other pertinent information. Submit this information on or before
- (X) 9. There shall be no discharge of liquid effluents or contaminated run-off from this site.



STATE OF FLORIDA
DEPARTMENT OF POLLUTION CONTROL

WEST CENTRAL REGION
Post Office Box 944
Winter Haven, Florida 33880

CITY OF LAKELAND
POLK CO. AP

This is for the gas turbine 20 mega watts there are also 2 diesel turbines at 2.5 mega watts each

Mr. C. D. McIntosh, Jr.
Department of Electric and Water Utilities
City of Lakeland
P.O. Box 368
Lakeland, Florida 33802

Dear Mr. McIntosh,

Pursuant to your recent application, please find enclosed a Permit (No. A053-2241) dated Sept. 10, 1973 to ~~XXXXXX~~ operate the subject pollution source.

This permit will expire on September 10, 1978 , and will be subject to the conditions, requirements and restrictions checked or indicated otherwise in the attached sheet ~~XXXXXX~~ ~~XXXXXX~~ "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,

W. E. Linne
W. E. Linne
Regional Administrator
West Central Region

file
WEL/pm

STATE OF FLORIDA
DEPARTMENT OF
POLLUTION CONTROL

OPERATION PERMIT

FOR City of Lakeland
P.O. Box 368
Lakeland, Florida 33802

PERMIT NO. A053-2241 DATE Sept. 10, 1973

PURSUANT TO THE PROVISIONS OF SECTION 403.061 (1)(6) OF CHAPTER 403 FLORIDA STATUTES AND CHAPTER 17-4 FLORIDA ADMINISTRATIVE CODE, THIS PERMIT IS ISSUED TO:

C. D. McIntosh, Jr., Director

FOR THE OPERATION OF THE FOLLOWING:

Gas Turbine Peaking Unit, Plant No. 3

LOCATED AT: N.E. Lake Parker Dr., Lakeland, Polk Co.

UTM 17-409.2E 3106.5N

Aug. 24, 1973

IN ACCORDANCE WITH THE APPLICATION DATED

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 9/10/78 OR UNTIL REVOKED OR SURRENDERED AND SHALL BE SUBJECT TO ALL LAWS OF THE STATE AND THE RULES AND REGULATIONS OF THE DEPARTMENT

W. E. Linne
REGIONAL ENGINEER

W. E. LINNE

OPERATION PERMIT CONDITIONS
FOR AIR POLLUTION SOURCES

(Excluding Incinerators and Fossil Fuel Steam Generators)

Permit No. A053-2241 Date: 9/10/73

- [X] 1. Fugitive dusts and other pollutants from all sources shall be effectively controlled or eliminated by suitable means. [Chapter 17-2.04(3)]
- [X] 2. The pollution control equipment shall be maintained and operated in such a manner that all emissions will be in compliance with applicable rules and regulations of the DPC. [Chapter 17-2.03(7)]
- [X] 3. The density of visible emissions for existing sources, until July 1, 1975, shall not exceed a Ringelmann Number Two or an equivalent 40% opacity. The density of visible emissions for all sources after July 1, 1975, shall not exceed a Ringelmann Number One or an equivalent 20% opacity. If the presence of uncombined water is the only reason for failure to meet these visible emissions standards, such a failure shall not be in violation of this rule. [Chapter 17-2.04(1)(a)(b)(d)]
- [X] 4. Report any problems encountered in the operation of the source that may result in discharge of pollutants in amounts higher than permitted herein. Cease operation forthwith unless permission has been obtained from the regional office of the DPC to operate the source for an interim period. [Chapter 17-4.13]
- [X] 5. This permit is issued on the basis of the data submitted in the application and the existing requirements of this agency as set forth in Chapter 17-2 (revised January 18, 1972) Florida Administrative Code. The owner shall obtain written permission from the DPC before making changes in the operation of the source (i.e. higher production rate, different raw materials and fuels, etc.) that may increase the quantity of pollutants or change their composition. [Chapter 17-2.01]
- [X] 6. This permit is not transferable. Upon the sale or legal transfer of the source covered by this permit, the new owner must apply by letter for a transfer of this permit within thirty days. [Chapter 17-4.12]
- [X] 7. Test the emissions for the following pollutant(s) at intervals of one year from the date of this permit and submit four copies of test results to the regional engineer of this agency within fifteen days of such testing. [Chapter 17-2.07(1)]
 - [] Particulates
 - [] Fluorides
 - [X] Plume Density
 - [] Sulfur Oxides
 - [] Nitrogen Oxides
 - [] Hydrocarbons
- [X] 8. Air pollutants which cause or contribute to an objectionable odor shall be effectively controlled or eliminated by suitable means. [Chapter 17-2.04(4)]
- [] 9. Provide such sampling and testing facilities as may be necessary for the proper determination of the nature and quantity of air pollutants emitted from this source. [Chapter 17-2.07]
- [] 10. Identify the pollution source and/or control equipment by its manufacturer, model number, serial number, capacity, and any other pertinent information. Submit this information on or before

Sequence number assigned by main office region code 05 Mo Yr 0973 number 3

Section 1

Source name 1 City of Lakeland street address NE Lk. Parker Dr. city Lakeland ZIP 33802 county code 53

(col 1-10 duplicate) Owner or Agent name 2 C. D. McIntosh, Jr. street address P.O. Box 368 city LaKEland Zip 33802

Section 2

(col 1-10 duplicate) Application Type code 3 0 AP Industry Type (SIC code) Location UTM East 07406200 North 3106500 Latitude deg 1 min 1 sec 1 Longitude deg 1 min 1 sec 1 Effluent description Plant No. 3 Peaking Unit; No. 2 Oil (0.2%);

Section 3

continued effluent description (if needed)

(col 1-10 duplicate) 4 Heavy Marine Oil Standby (0.83%)

Section 4

Liquid effluent disposal and analysis

Section 5

(col 1-10 duplicate) Type of receiving body - code 5 (surface fresh = 1, salt = 2, etc.) (central sewer system = 7)

Additional description of surface waters - code (drainage ditch = 1, river = 2, etc.)

station number assigned to influent effluent

Record raw influent and final effluent analysis on water quality report forms, use agency code APPLIC if analysis is from applicant.

effluent flow rate MGD 5 day BOD load lb/day

Liquid effluent additional remarks

Section 6

(col 1-10 duplicate) 6

AIR POLLUTION DISPOSAL AND ANALYSIS(col 1-10 duplicate) Number of discharges this application 711Number of discharges, this site 3 number currently not permitted 0Average total flow rate SCFM Total particulate, lb/day 3.1 sulfur oxides, lb/day 1056.3nitrogen oxides, lb/day 550 fluoride lb/day other pollutants, lb/day SIGNIFICANT DATES AND PERMIT NUMBERS

(col 1-10 duplicate) Use month-day-year, all dates

permit issued	<u>8091073</u>	Permit number	<u>A053-2241</u>
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CONSTRUCTION PERMITS AND TEMPORARY PERMITS

Project completion date	<u> </u>	Permit expires	<u>091078</u>
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OPERATING PERMITSTemporary or old construction permit number AC541

Implementation schedule:

- | | |
|------------------------------------|-----------------------------|
| A. Estimated filing of application | <u> </u> |
| B. Estimated start of construction | <u> </u> |
| C. Estimated date for compliance | <u> </u> |

W.C. Region



STATE OF FLORIDA
DEPARTMENT OF POLLUTION CONTROL
2562 EXECUTIVE CENTER CIRCLE, EAST
MONTGOMERY BUILDING, TALLAHASSEE, FLORIDA 32301

VINCENT D. PATTON
EXECUTIVE DIRECTOR

D. P. G. DAVID H. LEVI
CHAIRMAN

NOV 29 1972

November 20, 1972
Polk County - AP
City of Lakeland
Power Plant #3

WEST CENTRAL REGION

Mr. C. D. McIntosh, Jr., Director
Department of Electric & Water Utilities
City of Lakeland
World Citrus Center
Lakeland, Florida 33802

*Expires
6-30-73*

Dear Mr. McIntosh:

Pursuant to your recent application, please find enclosed a permit No. AC-514, dated 11/20/72 to construct a G. E. Model PG-5341 oil fired turbine generator.

This construction permit is issued subject to the attached provisos.

Your continued cooperation will be appreciated.

Sincerely,

Howard L. Rhodes

Howard L. Rhodes, P. E.
Chief, Bureau of Permitting

HLR/^{7H}hea

cc: West Central Regional Office
Mr. R. L. Chamberland, P. E.

- Reg. Eng. *STE*
- Asst. Reg. Eng. *STE*
- Ch. Chemist *JAY*
- Air Engineer *GBS*
- Water Eng.
- Permit Eng. *ALL 11/12*
- Biologist
- Poll. Spec.
- Water Chem.
- Air Chemist
- Amb. Air
- Plant Air
- Secretaries
- FLC*

STATE OF FLORIDA
DEPARTMENT OF AIR AND WATER
POLLUTION CONTROL

CONSTRUCTION PERMIT

FOR City of Lakeland, Plant #3
Dept. of Electric & Water Utilities
P. O. Box 368
Winter Haven, Florida

PERMIT NO. AC-514 DATE November 20, 1972

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. D. McIntosh, Jr., Director

FOR THE CONSTRUCTION OF THE FOLLOWING:
No. 2 Fuel Oil Fired Gas Turbine Generator G.E. Model PG-5341;
1500 Hrs./Year

LOCATED AT: Plant #3, East U. S. 92, Lakeland, Polk County,
Florida UTM 17-409.2 -- 3102.6

IN ACCORDANCE WITH THE APPLICATION received September 28, 1972
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 6-30-73
AND SHALL BE SUBJECT TO ALL APPLICABLE LAWS OF THE STATE AND THE RULES AND REGULATIONS OF THE DEPARTMENT.

Howard L. Rhodes
Howard L. Rhodes, Chief
~~XXXXXXXXXXXXXXXXXXXX~~
BUREAU OF PERMITTING

Vincent D. Patton
VINCENT D. PATTON
EXECUTIVE DIRECTOR

STATE OF FLORIDA

DEPARTMENT OF POLLUTION CONTROL

CONSTRUCTION PERMIT PROVISOS

AIR POLLUTION SOURCES

Permit No. AC-514

Date: 11/20/72

- [X] 1. Construction of this installation shall be completed by March 30, 1973.
- [X] 2. This construction permit expires on June 30, 1973 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 _____
- [] 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 _____ Florida Regional Office, _____
- [X] 7. Stack sampling for total particulate or other contaminant emissions shall be conducted if found by the DPC Northeast _____ Florida Regional Office to be necessary as a basis for the issuance of an operation permit.
- [X] 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,

[X] 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.

[X] 12. This construction permit is subject to approval by the Board of the Florida Department of Pollution Control.



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT
7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610

September 12, 1978
Polk County - AP
City of Lakeland

JOSEPH W. LANDERS, JR.
SECRETARY
P. David Puchaty
District Manager

REUBIN O'D. ASKEW
GOVERNOR

Mr. Mike Opalinski
City of Lakeland
Post Office Box 368
Lakeland, Florida 33802

RE: A053-6980

Dear Mr. Opalinski:

Pursuant to Section 403.061(16), Florida Statutes, your application has been approved by the Department and, therefore, we are issuing to you the enclosed permit no. A053-6980 which will expire on Sept. 7, 1983.

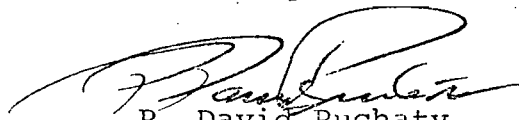
This permit is not effective unless you accept it, including any and all of the conditions contained therein. If you do not choose to accept it, you must file an appropriate petition for a hearing pursuant to the provisions of Section 120.57, Florida Statutes.

A petition for a hearing must comply with the requirements of Florida Administrative Code, Section 28-5.15 and be filed (postmarked) with the Secretary of the Department of Environmental Regulation at Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301, with a copy to this office within fourteen (14) days from receipt of this letter. Petitions which are not filed in accordance with the above provisions may be subject to dismissal.

Any time limits imposed in the permit are a condition to this permit and are enforceable under Section 403.061, Florida Statutes. You are hereby placed on notice that the Department will review this permit to check for compliance and will initiate enforcement action for violations of the conditions and requirements of this permit.

Your continued cooperation in this matter is appreciated. Please refer to your assigned permit number in all future communications.

Sincerely,


P. David Puchaty
District Manager

cc: Record Center
Jack A. Libey, P.E.
Enclosures

RULES OF THE ADMINISTRATION COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and,
 - (g) Such other information which the petitioner contends is material.

NOTE: At a formal hearing all parties shall have an opportunity to present evidence and argument on all issues involved, to conduct cross-examination and submit rebuttal evidence, to submit proposed findings of fact and orders, to file exceptions to any order or hearing officer's recommended order, and to be represented by counsel.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

NEDS 0004
Point ID 04

POLK COUNTY OPERATION PERMIT

FOR City of Lakeland
Post Office Box 368
Lakeland, Florida 33802

PERMIT NO. A053-6980 DATE OF ISSUE September 12, 1978

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:
Mr. Mike Opalinski

FOR THE OPERATION OF THE FOLLOWING:
A gas turbine peaking unit rated at 20 MW fired with #2 fuel oil that has 0.10 % sulfur. Subject to provisos 1, 2, 3, 5, 6.

LOCATED AT Northeast Lake Parker Drive, Lakeland, Polk County
UTM 17-409.2 E 3106.5 N

IN ACCORDANCE WITH THE APPLICATION DATED July 7, 1978

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 7, 1983

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

J. D. Kerns
DISTRICT ENGINEER

Joseph W. Landers, Jr.
JOSEPH W. LANDERS, JR.
SECRETARY
Robert J. ...
DISTRICT MANAGER

GWR

Replaces A053-2241

State of Florida
Department of Environmental Regulation

OPERATION PERMIT CONDITIONS
FOR AIR POLLUTION SOURCES

Permit No.: A053-6980

Date: September 12, 1978

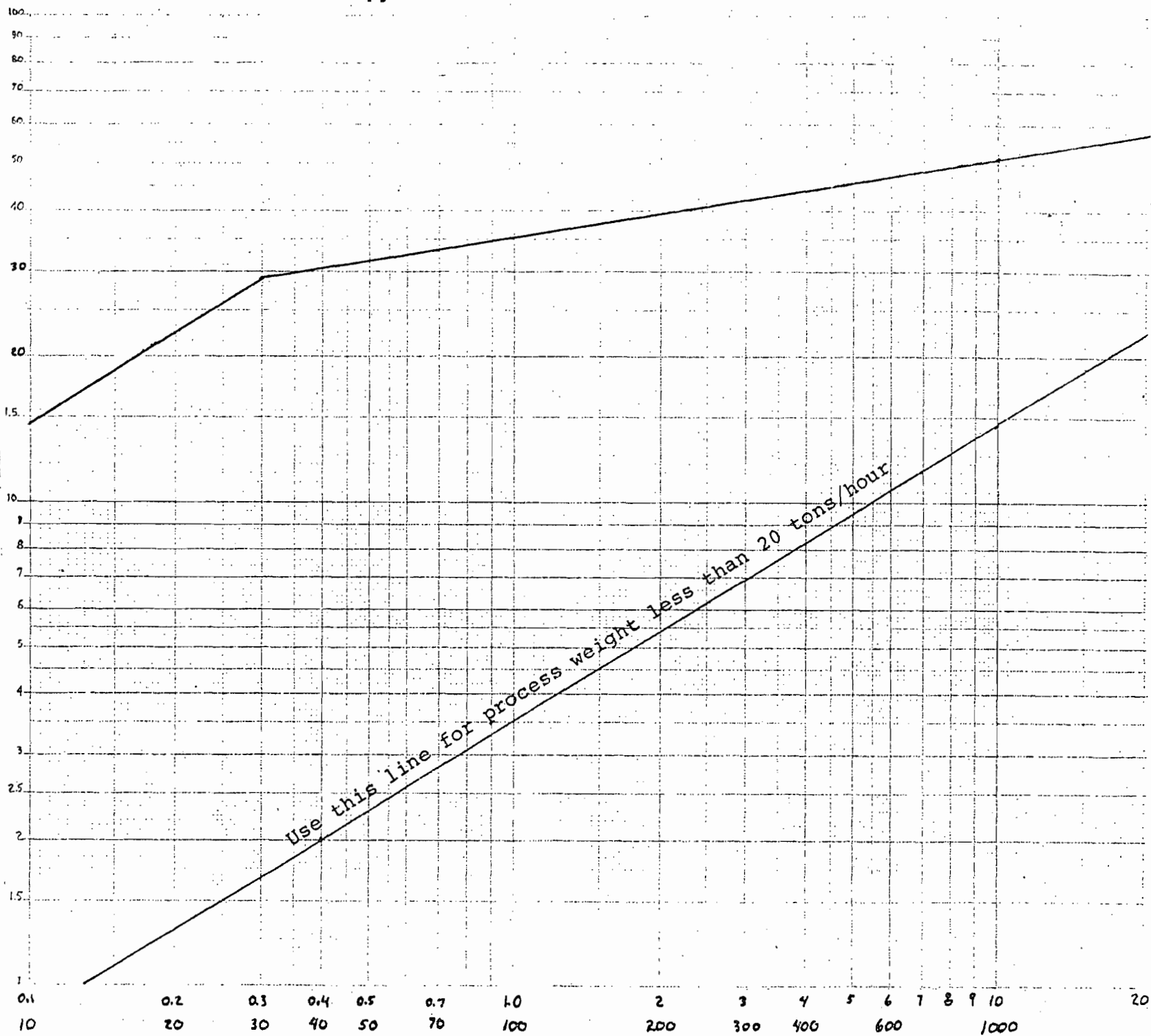
An (X) indicates applicable conditions

- (X) 1. The permit holder must comply with Florida Statute, Chapter 403 and the applicable Chapters of the Department of Environmental Regulation in addition to the conditions of this permit (Chapter 403.161(1)(b), Florida Statutes).
- (X) 2. Test the emissions for the following pollutant(s) at intervals of 12 months from the date 7-10-78 and submit a copy of test data to the District Engineer of this agency within fifteen days of such testing (Chapter 17-2.07(1), Florida Administrative Code (F.A.C.)).
- | | | | |
|-----|---------------|-----|----------------------|
| () | Particulates | () | Sulfur Oxides |
| () | Fluorides | () | Nitrogen Oxides |
| (x) | Plume Density | () | Hydrocarbons |
| | | () | Total Reduced Sulfur |
- (X) 3. Testing of emissions must be accomplished at approximately the rates as stated in the application. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data (Chapter 403.161(1)(c), Florida Statutes).
- () 4. Submit for this source quarterly reports showing the type and monthly quantities of fuels used in the operation of this source. Also state the sulfur content of each fuel (Chapter 17-4.14, F.A.C.).
- (X) 5. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information as per Chapter 17-4.14, F.A.C.
- (A) Annual amount of materials and/or fuels utilized.
 - (B) Annual emissions (note calculation basis).
 - (C) Any changes in the information contained in the permit application.

- (X) 6. In the event the permittee is temporarily unable to comply with any of the conditions of the permit, the permittee shall immediately notify the District Office of the D.E.R. as per Chapter 17-4.13, F.A.C. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement actions by the Department.
- () 7. According to the Process Weight Table within Chapter 17-2.04(2), F.A.C., the maximum allowable emission rate of particulate matter for a process rate of _____ tons/hour is _____ pounds/hour. At lesser process rates, the allowable emission rates can be determined from the graph.
- () 8. This permit is associated with a Development of Regional Impact (D.R.I.). It does not waive any other permits that may be required from this or any other state, federal, or local agency.

Best Available Copy

POUNDS OF PARTICULATES



PROCESS WEIGHT TABLE

PROCESS WEIGHT TONS/HOUR

DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

For Routing To District Offices And/Or To Other Than The Addressee	
To: _____	Loctn.: _____
To: _____	Loctn.: _____
To: _____	Loctn.: _____
From: _____	Date: _____

TO: P. David Puchaty
 THRU: Dan A. Williams *DW*
 FROM: George W. Richardson *GWR*
 DATE: September 7, 1978
 SUBJECT: City of Lakeland
 Operation Permit - A053-6980

This permit application from the City of Lakeland is for a 20 MW peaking unit located at Northeast Lake Parker Drive, Lakeland.

This unit will not operate until more power is needed, the average daily use is four hours a day when used. This unit will be fired with #2 fuel oil with 0.10% sulfur at the rate of 2089 GPH.

This unit was tested for visible emissions on 7-10-78 and had an average opacity of 0% with an allowable of 20%. I recommend this permit be issued.

GWR/ftb