



G. A. Rodriguez
MANAGER OF
ENVIRONMENTAL AFFAIRS

January 26, 1994

Mr. David Zell
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

D.E.P.

JAN 31 1994
SOUTHWEST DISTRICT
TAMPA

RE: Air Permits No. A053-158429 and A053-158430

Dear Mr. Zell:

Please find enclosed the City of Lakeland Department of Electric & Water Utilities operating permit renewal applications for the Gas Turbine and two diesel units at the C. D. McIntosh Power Plant.

If you have any questions concerning this submittal, please contact me at 813/499-6589.

Sincerely,


G. A. "Bill" Rodriguez

GAR/sij
enclosure

xc: Farzie Shelton w/enclosure
Ronald W. Tomlin w/o enclosure

MEMORANDUM

TO: File

THRU: W. C. Thomas, P.E. *TK*

THRU: J. Harry Kerns, P.E.

FROM: George W. Richardson *GR*

DATE: February 13, 1989

SUBJECT: City of Lakeland
Peaking Unit Nos. 1, 2 & 3
C. D. McIntosh, Jr., Power Plant
A053-158429 & A053-158431

These permits are for the three peaking units at the C. D. McIntosh, Jr., Power Plant located at 3030 East Lake Parker Drive, Lakeland, Polk County.

These sources are used during peak demand when the larger units cannot produce enough electricity or is not in operation.

Peaking unit No. 1 can be fired with No. 2 fuel oil or natural gas. Peaking units Nos. 2 & 3 are fired only with No. 2 fuel oil. The maximum sulfur content of the No. 2 fuel oil is 0.5%.

These sources are in compliance and I recommend the two permits be issued as conditioned.

PERMIT APPLICATION STATUS SHEET

COMPANY: City of Lakeland

PROCESSOR: G. Richardson

PERMIT NO. A053-158431

DATE RECEIVED: 12/15/88

P.E. SEAL & SIGN: Y / N

CHECK Y / N

	DATE TASK COMPLETED	INITIALS
DATE REC'D BY SECTION:	<u>12/21/88</u>	<u>MQ</u>
LOGGING BY SEC'Y	<u>1/3/89</u>	<u>MQ</u>
Permitting Eng'r submit finished permit package & recommendations to supervisor.	<u>2/13/89</u>	<u>Coor</u>
Permit Package to Dist. Engr.	<u>2/13/89</u>	<u>LK</u>
Permit Package to Dist. Mgr.	<u>2/14/89</u>	<u>WQ</u>
Permit Package Mailed out:	<u>FEB 17 1989</u>	<u>MQ</u>

DATA FOLLOW-UP

Issue Date Updated on PATS:	<u>FEB 17 1989</u>	<u>MQ</u>
Updated on WANG:	<u>FEB 17 1989</u>	<u>MQ</u>

CERTIFICATION

Application No. A053-158431

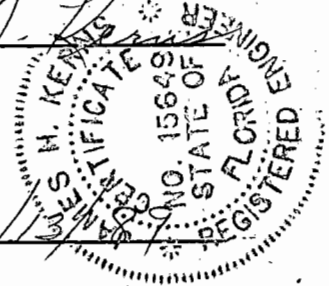
I HEREBY CERTIFY that the engineering features described in the above referenced application (provide/~~do not provide~~^{AK}) reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 17. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

(Signed)

James D. [Signature]

(Date)

(Seal)



APPLICATION TRACKING SYSTEM

FEB 16 1989

12/21/88

APPL NO:158431

APPL RECVD:12/15/88 TYPE CODE:A0 SUBCODE:2B

LAST UPDATE:12/19/88

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO: APPLICATION COMPLETE: / /

DER PROCESSOR: ~~THOMAS~~ Richardson JK

APPL STATUS:AC DATE:12/15/88 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

RELIEF: (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING DISTRICT:40 COUNTY:53
(Y/N) DNR REVIEW REQD? LAT/LONG:28.04.30/81.55.45
(Y/N) N PUBLIC NOTICE REQD? BASIN-SEGMENT:
(Y/N) N GOV BODY LOCAL APPROVAL REQD? COE #:
(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY) ALT#:

PROJECT SOURCE NAME:PEAKING UNIT #1, FUEL OIL FIRED

STREET:3030 E. LAKE PARKER DRIVE CITY:LAKELAND

STATE:FL ZIP: PHONE:

APPLICATION NAME:LAKELAND, CITY OF

STREET:3030 E LAKE PARKER DR CITY:LAKELAND

STATE:FL ZIP:33805 PHONE:813-665-1556

AGENT NAME:

STREET: CITY:

STATE: ZIP: PHONE:

FEE #1 DATE PAID:12/15/88 AMOUNT PAID:00750 RECEIPT NUMBER:00130505

Table with columns for event type (B-H, J-N), date, and status. Includes events like 'DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE' and 'DATE APPLICATION WAS COMPLETE'. A handwritten date '12/15/88' is present next to event I.

COMMENTS:

BEST AVAILABLE COPY

04/03/84

AIR PERMIT INVENTORY SYST
SOUTHWEST DISTRICT POLK COUNTY

40/53/0004/04
PAGE 1

PLANT 0004 CITY OF LAKE LAND MCINTOSH UNIT #1
3030 LAKE PARKER DR.
LAKE LAND
RON FOSTER
3030 LAKE PARKER DRIVE
LAKE LAND FL. 33805

UTILITY FILE STATUS NEW ADD
POWER PLANT
FL. 33805
AQCR=052 SIC=4911
LAT=28:09:37N LON=82:45:24W
UTM ZONE 17 409.2KM E. 3106.2KM N.

POINT 04 CONST PATS# OPER PATS# A053-74756
ISS= / / EXP= / / ISS=03/09/84 EXP=02/20/89

PLANT #3 PEAKING UNIT #1
SOURCE= IPP=01 COMM.PNTS. -
STACK HT= 36FT DIAM= 9.2FT TEMP= 965F FLOW= 5095CFM PLUME= GFT
BOILER CAP= 0MBTU/HR FUEL FOR SPACE HEAT= .0%
OPERATING PROCESS RATES YOR=84 RAW MATERIAL= 0 OTHER
PRODUCT 0 OTHER FUEL 2312 GL/BRN
NORMAL COND. DEC-FEB=25% MAR-MAY=25% JUN-AUG=25% SEP-NOV=25%
PERMIT SCHEDULE 04HRS/DAY 2DAYS/WK 52WKS/YR
AOR FOR 03/15/83 04HRS/DAY 2DAYS/WK 52WKS/YR

COMPLIANCE NEDS=1 GRC=4 UPDATE / SCHED. / UPDATED / /
PERMIT=1 YOR=83 INSPECTED 10/06/83 NEXT DUE 10/06/84

SCCS

2-01-001-01 YOR=84 SOURCE=C RATE= 962 MAX= 2.312 KGL/BRN
FUEL CONT SO2= .20% ASH= 0.0% 320MBTU FYOR=84 CONFID=2
PEAKING UNIT #1 #2 FUEL OIL

POLLUTANTS MONITORED

VE 11204 NORM= 300.20 EST/METH= 1/5 MAX.ALW= 30020 TNS/YR.
CTLS.PRI= 0 SEC= 0 EFF= 0.0% NEXT DUE 10/06/84 TEST/FREQ=1
TESTED 10/06/83 AGENCY=3 RES=610 COMPLIANCE=1
EMITTED= 300.05 ALLOWED= 300.20LBS/HR OP-RATE= 25 CTH/ER