



Farzie Shelton, chE; REM

Environmental Affairs Manager of Licensing & Permitting

RECEIVED

MAR 16 2000

March 14, 2000

BUREAU OF AIR REGULATION

Mr. Scott M. Sheplak, P.E.
Administrator, Title V Section
Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

**Re: Administrative Permit Correction – Title V Permit No.: 1050003-004-AV
Larsen Power Plant Unit No. 8 – E.U. ID No. 008 – Inclusion of Simple Cycle Operation**

Dear Scott:

Pursuant to our meeting of March 10, 2000 in reference to our application for administrative changes to the above referenced permit, we are writing to request the Department to include simple cycle operation in Unit No. 8 Title V permit. As per our discussion and agreement, we believe the inclusion of simple cycle operation can be done by an "Administrative Permit Correction", as this unit has always been capable to operate in both mode of combined and simple cycle. Indeed the initial compliance test was performed while operating in simple cycle and each mode of operation has its own stack. Accordingly, the monitoring devices for stack emissions have been installed prior to diversion of gasses to any particular stack. As you will note from the enclosed memo signed by Mr. Timothy C. Bates "Power Production Manager", this unit has been capable of both modes of operation as of its construction/installation. Additionally, we are enclosing our Responsible Official's formal certification of this matter. Therefore, enclosed please find this certification signed by Mr. Ronald W. Tomlin our Assistant Managing Director and Responsible Official for our Title V permits.

We look forward to receive our updated Title V permit. As always, we appreciate all the help you have offered us in our permitting endeavors and look forward to hear from you soon.

However, if you should have any questions, please do not hesitate to contact me.

Sincerely,

Farzie Shelton

Enclosure

City of Lakeland • Department of Electric

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official:

Ronald W. Tomlin, Assistant Managing Director

2. Owner/Authorized Representative or Responsible Official Mailing Address:

Organization/Firm: **Lakeland Electric**

Street Address: **501 East Lemon Street**

City: **Lakeland**

State: **FL**

Zip Code: **33801-5079**

3. Owner/Authorized Representative or Responsible Official Telephone Numbers:

Telephone: **(863) 834-8474**

Fax: **(863) 834-6373**

4. Owner/Authorized Representative or Responsible Official Statement:

I, the undersigned, am the owner or authorized representative(check here [], if so) or the responsible official (check here [], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.*

Ronald W. Tomlin

Signature

March 14, 2000

Date

* Attach letter of authorization if not currently on file.

MEMO
TCB-0300-04

TO: FARZIE SHELTON
FROM: TIM BATES *TCB*
SUBJECT: OPERATION OF UNIT 8
DATE: MARCH 13, 2000

Since the beginning of commercial operation for Unit 8, we have always had to operate it in a simple cycle mode for start-up and have been capable of operating the unit in simple cycle to meet the utility's peak demands. This unit was designed to operate in a simple cycle mode, as needed, and we foresee always needing to operate the unit in this manner.

TIMOTHY C. BATES
POWER PRODUCTION MANAGER

TCB/lh

xc: Ron Tomlin

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Ronald W. Tomlin
Assistant Managing Director
Lakeland Electric and Water Utilities
501 E. Lemon St.
Lakeland, FL 33801-5079

2. Article Number (Copy from service label)

3 210 660 429

PS Form 3811, July 1999

Domestic Return Receipt

102595-99-M-1789

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

M. Still

B. Date of Delivery

4-5-00

C. Signature

X M. Still

☐ Agent☐ Addressee

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

Z 210 660 429

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Mr. Ronald W. Tomlin
Assistant Managing Director
Lakeland Electric and Water Utilities
501 E. Lemon St.
Lakeland, FL 33801-5079

PS Form 3800, April 1995

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	
04-03-00 Sgh	

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF ADMINISTRATIVELY CORRECTED TITLE V OPERATION PERMIT

In the Matter of a Request for Administrative Correction:


Mr. Ronald W. Tomlin
Assistant Managing Director
Lakeland Electric and Water Utilities
501 E. Lemon St.
Lakeland, FL 33801-5079

FINAL Permit No.: 1050003-004-AV
Project No.: 1050003-004-AV
Larsen Power Plant

Enclosed is the ADMINISTRATIVELY CORRECTED page to the initial Title V operation permit, 1050003-004-AV for the operation of the Larsen Power Plant located at 2002 East Highway 92, Lakeland, Polk County. This correction is issued pursuant to Rule 62-210.360, Florida Administrative Code and Chapter 403, Florida Statutes (F.S.). This corrective action does not alter the effective dates of the existing permit.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., 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 Legal Office; 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 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.


C. H. Fancy, P.E.,
Chief
Bureau of Air Regulation

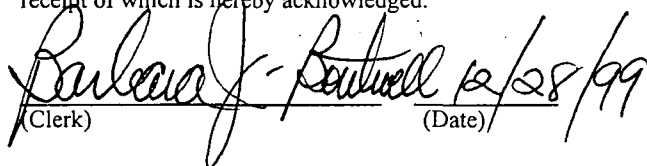
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF ADMINISTRATIVELY CORRECTED PERMIT (including the corrected page) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 12/28/99 to the persons listed or as otherwise noted:

Ronald Tomlin, Lakeland*
Kennard Kosky, P.E., KBN Engineering and Applied Sciences, Inc.
Farzie Shelton
Bill Thomas, P.E., FDEP, SWD
Gregg Worley, USEPA, Region 4

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


(Clerk) 12/28/99 (Date)

12/28/99 cc: Ed Sec
Reading File

ADMINISTRATIVE PERMIT CORRECTION
FINAL Permit No.: 1050003-004-AV
Larsen Power Plant

Subsection A. on Page 6 of 40 is hereby changed:

E.U. ID

No. Brief Description

-003 Fossil Fuel Fired Steam Generator #6

Fossil fuel fired steam generator #6 is a nominal 25 megawatt (electric) steam generator designated as Charles Larsen Memorial Power Plant Unit #6. This emission unit is fired on No. 6 fuel oil at a maximum heat input of ~~305.9~~ 372.4 MMBtu per hour, or natural gas at a maximum heat input of ~~286.5~~ 386.5 MMBtu per hour. Unit #6 began commercial service in 1959.

Specific Condition A.1. on Page 6 of 40 is hereby changed:

A.1. Permitted Capacity. The maximum operation heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
6	286.5 <u>386.5</u> (HHV)	Natural Gas
	305.9 <u>372.4</u> (HHV)	No. 6 Fuel Oil

Compliance with the heat input limits shall be determined based on the higher heating value (HHV) of the fuels used and fuel flow meter data.

[Rules 62-4.160(2), 62-210.200(PTE) and 62-296.405, F.A.C.]

Subsection B. on Page 12 of 40 is hereby changed:

E.U. ID

No. Brief Description

-004 Fossil Fuel Fired Steam Generator #7

Fossil fuel fired steam generator #7 is a nominal 50 megawatt (electric) steam generator designated as Charles Larsen Memorial Power Plant Unit #7. This emission unit is fired on No. 6 fuel oil at a maximum heat input of ~~597.6~~ 728.0 MMBtu per hour, or natural gas at a maximum heat input of ~~615.6~~ 763.0 MMBtu per hour. Unit #7 began commercial service in 1966.

Specific Condition B.1. on Page 12 of 40 is hereby changed:

B.1. Permitted Capacity. The maximum operation heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
7	615.6 <u>763.0</u> (HHV)	Natural Gas
	597.6 <u>728.0</u> (HHV)	No. 6 Fuel Oil

Compliance with the heat input limits shall be determined based on the higher heating value (HHV) of the fuels used and fuel flow meter data.

[Rules 62-4.160(2), 62-210.200(PTE) and 62-296.405, F.A.C.]