



Farzie Shelton, chE; REM

Environmental Affairs Manager of Licensing & Permitting

RECEIVED

NOV 22 1999

BUREAU OF AIR REGULATION

November 18, 1999

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. 6 – E.U. ID No. 003, and Unit No. 7 – E.U. ID No. 004**

Dear Scott:

Pursuant to our telephone discussion of November 16, 1999 in reference to our application for administrative changes to the above referenced permits, you requested 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

501 East Lemon Street • Lakeland, FL 33801-5050 • (941) 499-6603 • Fax (941) 603-6335 • Message System 499-6592



Farzie Shelton, chE; REM

Environmental Affairs Manager of Licensing & Permitting

October 21, 1999

RECEIVED

OCT 26 1999

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. 6 – E.U. ID No. 003, and Unit No. 7 – E.U. ID No. 004**

Dear Scott:

We are writing to request the Department to change the numeric heat input values, as indicated in the Title V permit, for the above referenced units. As you are aware, the Department has inserted a permitting note in these permits to reflect that the maximum heat input is for the purposes of annual stack testing and does not preclude the maximum capability of the unit. As we anticipate operating these units at their maximum potential capabilities, in our meeting of September 1999 in Tallahassee, you suggested that we write and request these changes for nominal maximum heat input. You also indicated that our request should accompany a statement signed and sealed by a Professional Engineer (PE) registered in the State of Florida reflecting that the requested heat input is not due to modification of the unit.

Therefore, enclosed please find memorandum from Mr. Tim Bachand indicating the capability of these units. Additionally, you will find a statement signed and sealed by Mr. Timothy Bates certifying that no modification has been performed on these units.

With this submittal, we hope we have met the requirement of the Department and 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.

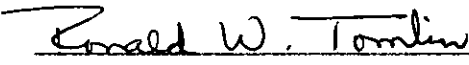
Sincerely

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:
<p><i>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.</i></p>
<div style="display: flex; justify-content: space-between;"><div> Signature</div><div><u>11-18-99</u> Date</div></div>

* Attach letter of authorization if not currently on file.



POWER PRODUCTION
McINTOSH POWER PLANT
3030 E. LAKE PARKER DR.
LAKELAND, FLORIDA 33805-9513

ph: (863) 834-6600
fax: (863) 603-6335

MEMO
TCB-1099-06

TO: FARZIE SHELTON
ENVIRONMENTAL MANAGER

FROM: TIM BATES
POWER PRODUCTION MANAGER

SUBJECT: U-6 AND U-7 HEAT INPUT

DATE: OCTOBER 21, 1999

This memo is to certify that, to the best of my knowledge, we have not modified or de-bottlenecked Larsen U-6 or Larsen U-7 to increase their heat input capacity. The units have undergone normal maintenance through the years.

If you have any questions, please contact me.

TIMOTHY C. BATES, P.E.
POWER PRODUCTION MANAGER

TCB/lh

xc: Tim Bachand



POWER PRODUCTION
McINTOSH POWER PLANT
3030 E. LAKE PARKER DR.
LAKELAND, FLORIDA 33805-9513

ph: (863) 834-6600
FAX: (863) 603-6335

E & W MEMORANDUM

To: Farzie Shelton
From: Tim Bachand
Date: October 21, 1999
Subject: Heat Input for Larsen Units 6 & 7

I recommend the following values be used for the modification of the Title V permit for Larsen Plant. The maximum heat input for Unit 6 on oil should be 372.4 mmBTU and for gas it should be 386.5 mmBTU. For Unit 7 the maximum heat input on oil should be 728.0 mmBTU and for gas it should be 763.0 mmBTU.

These numbers take into account the following:

1. Original turbine design steam flow plus 15% for turbine efficiency loss.
2. Original heat balance design with two feedwater heaters out of service.
3. Decrease in Boiler efficiency by 3%.

Please let me know if you require additional information.

Timothy L. Bachand
Manager of Technical Services

Distribution:
Tim Bates
File TLB1099

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

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

4a. Article Number

Z 094 212 717

4b. Service Type

☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

12-30-95

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X *Bonnie Brum*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994 102595-98-B-0229 Domestic Return Receipt

Z 094 212 717

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to

Mr. Ronald W. Tomlin

Street & Number

501 E. Lemon Street

Post Office, State, & ZIP Code

Lakeland, Florida 33801-5079

Postage	\$
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 12/28/99

FINAL Permit No.:1050003-C04-AV

Project No.:1050003-004-AV

PS Form 3800, April 1995

Barbara / 1-File

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF ADMINISTRATIVELY CORRECTED TITLE V OPERATION PERMIT

In the Matter of a Request for Administrative Correction:

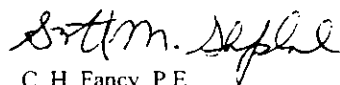
Mr. Ronald W. Tomlin
Assistant Managing Director
Lakeland Electric & Water Utilities
501 East Lemon Street
Lakeland, Florida 33801-5079

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

Enclosed is an ADMINISTRATIVELY CORRECTED page to the initial Title V operation permit, 1050003-004-AV for the operation of the Charles Larsen Memorial Power Plant, Polk County. This correction is issued pursuant to Rule 62-210.360, Florida Administrative Code and Chapter 403, Florida Statutes (F.S.). This change is made at the applicant's request dated June 22, 1999, to add a permitting note on capacity. 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.

for 
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 June 24, 1999 to the person(s) listed or as otherwise noted:

Mr. Ronald W. Tomlin, Lakeland Electric & Water Utilities*
Mr. Bill Thomas, P.E., FDEP SWD
Ms. Carla E. Pierce, USEPA, Region 4 (INTERNET E-mail Memorandum)
Ms. Gracy R. Danois, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

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.

 6-24-99
(Clerk) (Date)

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

Condition A.1. is hereby changed FROM:

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 (HHV)	Natural Gas
	305.9 (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.]

TO:

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 (HHV)	Natural Gas
	305.9 (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.

{Permitting note: The heat input limitations have been placed in the permit to identify the capacity of each emissions unit for the purposes of confirming that emissions testing is conducted within 90 to 100 percent of the unit's rated capacity (or to limit future operation to 110 percent of the test load), to establish appropriate emission limits and to aid in determining future rule applicability.}

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

**Farzie Shelton, chE; REM**

Environmental Affairs Manager of Licensing & Permitting

June 22, 1999

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. 6 - E.U. ID No. 003

Dear Scott:

I am writing to request an Administrative Permit Correction for the above referenced unit. The requested change is in relation to the maximum heat input as referenced in the permit. As you are aware this unit is an old steam-generating unit and as such not much data in relation to its capability is in hand. We have performed an annual stack test on this unit and have noticed that we can operate this unit 90 MMBtu/hr above the permit condition of 305.9 (HHV) while utilizing No. 6 fuel oil and respectively on Natural gas. As you are aware the same situation occurred with Unit No. 7 (E.U. ID No. 004) at this facility for which, upon our request, the Department included a "permitting note" in the Title V permit to accommodate the increase in the heat input. Therefore, with this letter I am requesting the insertion of same "permitting note" for the above referenced unit.

I will be forwarding this letter to you via E-mail and would appreciate if you would confirm that our request would be granted and the present operation of this unit is within the compliance boundaries of our Title V Permit.

Your cooperation in this matter is greatly appreciated.

Sincerely

Farzie Shelton

City of Lakeland • Department of Electric

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

**Mr. Ronald W. Tomlin
Assistant Managing Director
Lakeland Electric & Water Utilities
501 East Lemon Street
Lakeland, FL 33801-5079**

4a. Article Number

P 174 053 161

4b. Service Type

- | | |
|---|---|
| <input type="checkbox"/> Registered | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Insured |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD |

7. Date of Delivery

6-18-99

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)

X *Rona M. Walker*

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 174 053 161

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 & Water Utilities
501 East Lemon Street
Lakeland, FL 33801-5079**

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

06-24-99

59k

PS Form 3800 April 1995