



March 17, 1998

Mr. C.H. Fancy, P.E.
Chief Bureau of Air Regulation
Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RECEIVED

MAR 18 1998

BUREAU OF
AIR REGULATION

Dear Mr. Fancy:

**Re: Draft Permit Amendment No. AC53-19043, PSD-FL-166B
File No. 1050003-005-AC
Charles Iarsen Memorial Power Plant - Unit No. 8**

We are in receipt of your letter dated February 23, 1998 and attached Draft Air Construction Permit And Amendment, and Public Notice of Intent to Issue Permit and Amendment for the above referenced facility.

Pursuant to Section 403.815, Florida Statutes and DEP Rule 62-103.150, F.A.C., on March 9, 1998 we published the "Notice of Intent to Issue Permit And Amendment". Therefore, enclosed please find Affidavit of Publication confirming publication of the Department's notice.

If you should have any questions, please do not hesitate to contact me at (941) 499-6603.

Sincerely,

Farzie Shelton; Manager
Environmental Licensing & Permitting

cc: M. Costello, BAR

Enclosure

AFFIDAVIT OF PUBLICATION

THE LEDGER Lakeland, Polk County, Florida

Case No

STATE OF FLORIDA)
COUNTY OF POLK)

Before the undersigned authority personally appeared Nelson Kirkland, who on oath says that he is Classified Advertising Manager of The Ledger, a daily newspaper published at Lakeland in Polk County, Florida; that the attached copy of advertisement, being a

Public Notice Of Intent

in the matter of

AC53-190437/PSD-FL-166B

in the

Court, was published in said newspaper in the issues of

March 9;

1998.

Affiant further says that said The Ledger is a newspaper published at Lakeland, in said Polk County, Florida, and that the said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered as second class matter at the post office in Lakeland, in said Polk County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Signed

Nelson Kirkland

Classified Advertising Manager

By Nelson Kirkland who is personally known to me

Sworn to and subscribed before me this 13TH

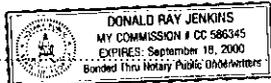
day of MARCH A.D. 1998

(Seal)

Donald Ray Jenkins

Notary Public

My Commission Expires



Order#699715
Lakeland Electric

Attach Notice Here

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT AND AMENDMENT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit and Amendment No. AC53-190437/PSD-FL-166B
Charles Larsen Memorial Power Plant
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit and amendment to Lakeland Electric and Water for the Charles Larsen Memorial Power Plant Unit 8 Combined Cycle Gas turbine located on the south side of Lake Payne on US Highway 92 in Lakeland, Polk County, Florida. A New Air Quality Control Technology (NAQACT) permit was not required pursuant to Rule 20.001(2)(a), F.A.C. and 30 C.F.R. 63.71. Prevention of Significant Deterioration (PSD) The applicant's current address are Lakeland Electric and Water 501 East Lemon Street, City, Florida 33801-5050.

The action to issue and modify the construction permit for Unit 8 which expires in 1993. The attached construction permit and amendment to the permit (revision of several provisions for mercury and SO₂ for this combined cycle gas turbine) which is authorized to use natural gas and the sulfur dioxide (SO₂) emissions are minimized by firing clean-burn natural gas. The permit also includes a list of changes to the permit which would require the applicant to notify the Department of any changes to the permit. The permit also includes a list of changes to the permit which would require the applicant to notify the Department of any changes to the permit. The permit also includes a list of changes to the permit which would require the applicant to notify the Department of any changes to the permit.

The Department will issue the FINAL Permit and Amendment in accordance with the conditions of the DRAFT Permit and Amendment. If the applicant receives a response received in accordance with the procedures set forth in a different decision or significant change of terms or conditions.

The Department will accept written comments and requests for public meetings concerning the proposed DRAFT Permit and Amendment for a period of 30 (thirty) days from the date of publication of the Notice of Intent. Written comments for public meetings should be directed to the Department's Bureau of Air Regulation, 2600 West Stone Road, West Station #505, Tallahassee, Florida 32309-2901. Any written comments must be filed with the public protection officer. Written comments received after the 30 day period will be given no further consideration. The Department will issue a Revised DRAFT Permit and Amendment upon receipt of a satisfactory written public response.

The Department will issue FINAL Permit and Amendment with the conditions of the DRAFT Permit and Amendment. A hearing for an administrative hearing is held pursuant to Sections 120.569 and 120.571 F.S. or a party requests mediation as an alternative remedy under Section 120.572 before the deadline for filing a petition. Check and mediation will not adversely affect the right to a hearing. Mediation will be held only if a party requests mediation. The procedure for mediation is set forth in the rules of mediation followed by the procedure for the hearing mediation.

A person whose substantial interests are affected by the Department's proposed permit decision may petition for an administrative hearing or mediation with Sections 120.569 and 120.571 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3001 Government Boulevard, Tallahassee, Florida 32309-3800, no later than 10:00 a.m. on the 30th day of the month of receipt of the notice of intent, whichever occurs first. A person's petition must be filed by the applicant of the proposed permit or amendment of the permit. The petition of any person to file a petition for a hearing or mediation or mediation must be filed with the Department of Environmental Protection (the Department) within the time period set forth in the rules of mediation or mediation. The Department will issue a final decision on the petition to file a petition for a hearing or mediation or mediation. The Department will issue a final decision on the petition to file a petition for a hearing or mediation or mediation. The Department will issue a final decision on the petition to file a petition for a hearing or mediation or mediation.

A petition must contain the following information: (a) The name, address and telephone number of the petitioner; (b) The name of the permit and amendment; (c) The name of the county in which the permit is proposed; (d) A statement of how and when each petitioner received notice of the Department's action or proposed action; (e) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (f) A statement of the nature of the petitioner's interest in the permit and amendment; (g) A statement of the nature of the petitioner's interest in the permit and amendment; (h) A statement of the nature of the petitioner's interest in the permit and amendment; (i) A statement of the nature of the petitioner's interest in the permit and amendment; (j) A statement of the nature of the petitioner's interest in the permit and amendment; (k) A statement of the nature of the petitioner's interest in the permit and amendment; (l) A statement of the nature of the petitioner's interest in the permit and amendment; (m) A statement of the nature of the petitioner's interest in the permit and amendment; (n) A statement of the nature of the petitioner's interest in the permit and amendment; (o) A statement of the nature of the petitioner's interest in the permit and amendment; (p) A statement of the nature of the petitioner's interest in the permit and amendment; (q) A statement of the nature of the petitioner's interest in the permit and amendment; (r) A statement of the nature of the petitioner's interest in the permit and amendment; (s) A statement of the nature of the petitioner's interest in the permit and amendment; (t) A statement of the nature of the petitioner's interest in the permit and amendment; (u) A statement of the nature of the petitioner's interest in the permit and amendment; (v) A statement of the nature of the petitioner's interest in the permit and amendment; (w) A statement of the nature of the petitioner's interest in the permit and amendment; (x) A statement of the nature of the petitioner's interest in the permit and amendment; (y) A statement of the nature of the petitioner's interest in the permit and amendment; (z) A statement of the nature of the petitioner's interest in the permit and amendment.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition does not prevent the Department from proceeding with the permit and amendment. The Department will issue a final decision on the petition to file a petition for a hearing or mediation or mediation. The Department will issue a final decision on the petition to file a petition for a hearing or mediation or mediation. The Department will issue a final decision on the petition to file a petition for a hearing or mediation or mediation.

A complete set of rules available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, and on-line at: Department of Environmental Protection, Bureau of Air Regulation, 3001 Government Boulevard, Tallahassee, Florida 32309-3800. Telephone: 904/488-1311, Fax: 904/227-6979. Department of Environmental Protection, SA District Office, 3924 Coconut Palm Drive, Tampa, Florida 33619. Telephone: 813/744-6100, Fax: 813/744-6084.

The complete project file includes the Draft Permit and Amendment, the application and the information submitted by the applicant. The complete project file is available for public inspection at 403 111, F.S. Administrative Code, Title 1, Chapter 1, Section 1.001, New Business Review, Section of 111, South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1384 for additional information.

B302-3.7.1998

B302

THE TAMPA TRIBUNE
Published Daily
Tampa, Hillsborough County, Florida

State of Florida)
 County of Hillsborough | ss.

Before the undersigned authority personally appeared J. Rosenthal, who on oath says that she is Classified Billing Manager of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a

LEGAL NOTICE

in the matter of _____

PUBLIC NOTICE OF INTENT

was published in said newspaper in the issues of _____

MARCH 9, 1998

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, this advertisement for publication in the said newspaper.

J. Rosenthal

 11

Sworn to and subscribed before me, this _____ day
 of _____ MARCH, A.D. 19 98

Personally Known _____ or Product Identification _____
 Type of Identification Produced _____

(SEAL)

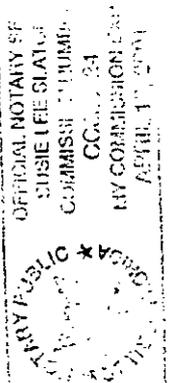
Jusel Lee Slator

**PUBLIC NOTICE OF INTENT
 TO ISSUE AIR
 CONSTRUCTION PERMIT
 AND AMENDMENT
 STATE OF FLORIDA
 DEPARTMENT OF
 ENVIRONMENTAL
 PROTECTION**

**DRAFT Permit and Amend-
 ment No. AC53-190437/
 PSD-FL-1668
 Charles Larsen Memorial
 Power Plant
 Polk County**

The Department of Environ-
 mental Protection (Depart-
 ment) gives notice of its inten-
 to issue an air construction
 permit and amendment to
 Lakeland Electric and Water
 for the Charles Larsen Memo-
 rial Power Plant Unit 8-Com-
 bined Cycle Gas Turbine lo-
 cated on the south side of
 Lake Parker on US Highway
 92 in Lakeland, Polk County, A
 Best Available Control Tech-
 nology (BACT) determinator
 was not required pursuant to
 Rule 62-212.400, F.A.C. and 41
 CFR 52.21, Prevention of Sig-
 nificant Deterioration (PSD)
 The applicant's name and ad-
 dress are: Lakeland Electric
 and Water, 501 East Lemor
 Street, Lakeland, Florida
 33801-5050

This action re-issues and mod-
 ifies the construction permit
 for Larsen Unit 8 which ex-
 pired in 1993. The attached
 amendment grants the follow-
 ing changes to the permit: de-
 letion of permit requirement
 for mercury and lead for this
 combustion turbine which is
 only authorized to fire natura
 gas and low sulfur fuel oil
 clarification the Beryllium
 emissions are inlet tempera-
 ture, clarification of the type
 of changes at the facility that
 would require the company to
 notify the Department and ap-
 ply for a modification, and re-
 moval of the ton per year
 (tpy) limits for CO and H2SO4
 This amendment also adds the
 short term limit for CC
 (25ppm) that was establish-
 ed in the BACT but inadvertently
 left out of the original PSD
 permit. Also an annual test is
 specified in the amended per-
 mit as required in Rule 62-
 297.310 F.A.C. since Unit 8 is
 major for CO.



The Department will issue the FINAL Permit and Amendment, in accordance with the conditions of the DRAFT Permit and Amendment unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions. The Department will accept written comments and requests for public meetings concerning the proposed DRAFT Permit and Amendment issuance action for a period of 30(thirty) days from the date of publication of this Notice. Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mall Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit and Amendment, the Department shall issue a Revised DRAFT Permit and Amendment and require, if applicable, another Public Notice. The Department will issue FINAL Permit and Amendment with the conditions of the DRAFT Permit and Amendment unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. or a party requests mediation as an alternative remedy under Section 120.573 before the deadline for filing a petition.

Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediations. A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approv-

al of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code. A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this

notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above. A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at: Department of Environmental Protection, Bureau of Air Regulation, 111 S. Magnolia Drive, Suite 4, Tallahassee, Florida, 32301, Telephone: 850-488-1344, Fax: 850/922-6979. Department of Environmental Protection, SW District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619 Telephone: 813/744-6100, Fax: 813-744-6084. The complete project file includes the Draft Permit and Amendment, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111.F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information. LK2321 3/9/98

①

To: PSD-166 file
 From: Martin Costello
 Re: History of Unit 8

Larson US
 12/90 Application
 3/91 Intent

4/21/93 mod. request

5/25/93 EPA response to Request for Alternate
 ISO correction - City told EPA they were
 injecting too much water causing high maint.

6/27/95 Request for custom fuel monitoring schedule

8/10/95 Corrections to above request

8/21/95 AC Intent - Amendment
 9/22/95 A.O. Amended - changed ^{SO} of SAM TPY

10/6/95 Extension of time to file for hearing
 for proposed Amendment of PSD permit

10/13/95 Comments on Intent & request to waive 30 day
 public comment period / request for hearing period
 2 wrong Table 1 in Intent package
 3 Don't like the - NO 25/hr TPY

Increase of monitoring data

10/31/95 Letter to Lakeland, Agreed to waive #1
 (over)

(2)

ISO only for initial
per ISO limit

10/19/95 Letter to SWD, revisions to AO amendment

11/16/95 SW District letter requesting reasonable assurance that CT could comply w/ limits in winter

11/10/96 PN for PSD Amendment
- included language for no increase in lb/hr / TPT NO_x of submission of CEM Data

12/4/95 Extension of time to request hearing on AO Amendment

12/18/95 Final PSD Amendment
→ No requirement for NO_x CEMS Data

3/14/97 Amendment Request (received 3/20)

- Hg, Pb, Be, Limits
- Fuel oil lb/hr → ^{weight} CURVE
- Method 5B for PM
- SAM & CO limits Waiver
- Compliance by CEM w/ 24 hr rolling Ave.
- Modification - SC #7 remove

4/18/97 Sufficiency Letter - asked LakeLand to propose equivalent NO_x std. for the 30 day rolling ave.

4/23/97 Response Letter - dropped MS B request
received

7/21 Meeting w/ Pat, Al, Angela Morrison, Farzie.

7/22/97 - request to delete tpy limit for
(received 7/29/97) Voc (Revise Table 1)

- draft Notice of Intent & AN
language change - speak about a "revised
Draft" want to delete this
language.

9/11/97 - CEWS data with 2 quarter 97
(received 9/15) daily & 30 day rolling Ave - includes
SUS/IMAC - "All valid data"

10/7/97 Dept Letter - RFI on 30 day rolling Average
on unit 8.

1/21/98 Lakeland response letter
(received 1/26)