



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

March 5, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Thomas W. Richards, P.E.  
Director of Operations  
H. D. King Power Plant  
311 North Indian River Drive  
Ft. Pierce, Florida 34950

Dear Mr. Richards:

Re: Amendment of Permit  
Permit No. AC 56-141460A

Enclosed is a re-issued/amended air construction permit for Units 6, 7, 8, and 9 at the H. D. King Power Plant. This action will correct the sulfur dioxide emission limits when natural gas fuel is burned at this facility and will allow alternate means to determine compliance with the sulfur dioxide and particulate matter emission limits.

You are required to publish the enclosed Notice of Intent to Issue Permit Amendment in a newspaper having circulation in St. Lucie County. Actual amendment of the permit is contingent on all comments and requests for an administrative hearing being resolved.

Submit any written comments you wish to have considered concerning the Department's proposed action to Mr. A. A. Linero, Administrator, New Source Review Section, of the Bureau of Air Regulation. If you have any questions regarding this matter, please call Willard Hanks at (904) 488-1344.

Sincerely,

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

CHF/wh/h

Enclosure

cc: Isidore Goldman, SED

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFIED MAIL

In the Matter of an  
Application for Permit Amendment

DEP File No. AC 56-141460A  
County: St. Lucie

Ft. Pierce Utility Authority  
H. D. King Power Plant  
311 North Indian River Drive  
Ft. Pierce, Florida 34950

INTENT TO ISSUE

The Department of Environmental Protection gives notice of its intent to issue a permit amendment for a modification (copy attached) to the applicant's facility as detailed in the request specified, above, for the reasons stated in the request.

The applicant, the Ft. Pierce Utility Authority, H. D. King Power Plant, 311 North Indian River Drive, Ft. Pierce, Florida 34950, applied on February 26, 1996, to the Department of Environmental Protection for an amendment of their previously issued air construction permit for the H. D. King Power Plant. This facility is located at 311 North Indian River Drive in Ft. Pierce, St. Lucie County, Florida 34950. The permit amendment will correct the sulfur dioxide emission limits for natural gas fuel and allow an alternate means to determine compliance with the sulfur dioxide and particulate matter emission limits for Units 6, 7, 8, and 9.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-212 and 62-4, Florida Administrative Code (F.A.C.). The project is not exempt from permitting procedures. The Department has determined that a permit amendment is required for the proposed change.

Pursuant to Section 403.815, F.S., and Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit Amendment. The notice shall be published one time only within 30 days in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in

the denial of the permit amendment.

The Department will issue the permit amendment with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 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 at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of their receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The Petition shall contain the following information;

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department 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 facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and,
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this intent. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this intent in the Office of General Counsel at the above address of the

Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION




C. H. Fancy, P.E., Chief  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399  
904-488-1344

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that all copies of this INTENT TO ISSUE PERMIT AMENDMENT all copies were mailed by certified mail before the close of business on 3-7-96 to the listed persons.

Clerk Stamp

**FILING AND ACKNOWLEDGMENT**  
FILED, on this date, pursuant to §120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

 3-7-96  
Clerk Date

Copies furnished to:

Isidore Goldman, SED

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- 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:  
 Thomas W. Richards, PE  
 H.D. King Power Plant  
 311 N. Indian River Av.  
 Ft. Pierce, FL 34950

4a. Article Number  
 Z 127 633 182

- 4b. Service Type
- Registered
  - Insured
  - Certified
  - COD
  - Express Mail
  - Return Receipt for Merchandise

7. Date of Delivery

MAR 11

5. Signature (Addressee)

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

6. Signature (Agent)

*[Handwritten Signature]*

Thank you for using Return Receipt Service

Z 127 633 182



**Receipt for Certified Mail**

No Insurance Coverage Provided  
 Do not use for International Mail  
 (See Reverse)

PS Form 3800, March 1993

Send to <i>Thomas Richards</i>	
Street and No. <i>H.D. King PP</i>	
P.O., State and Zip Code <i>Ft. Pierce FL</i>	
Postage <i>\$</i>	<i>FL</i>
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	<i>3-7-96</i>
<i>AC56-141460A</i>	

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF INTENT TO ISSUE PERMIT AMENDMENT  
AC 56-141460A

The Department of Environmental Protection (Department) gives notice of its intent to issue an amended permit to the H. D. King Power Plant which is operated by the Ft. Pierce Utilities Authority, P. O. Box 3191, Ft. Pierce, Florida 33448. The H. D. King Power Plant is located at 311 North Indian River Drive, Ft. Pierce, St. Lucie County, Florida 34950. The amendment will correct the hourly sulfur dioxide emission limits to reflect the minimal sulfur content of natural gas. The annual sulfur dioxide emissions are unchanged. The amendment will also allow determination of compliance with the sulfur dioxide emission limits by fuel analysis and particulate matter emission limits by visible emissions tests when natural gas is being used as a fuel. No other emission limit or test procedure is being changed by this amendment. This amendment does not require a Best Available Control Technology Determination. No change in sulfur dioxide and particulate matter ground level concentrations are expected as a result of this amendment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes (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 at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The Petition shall contain the following information; (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department 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 facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and, (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

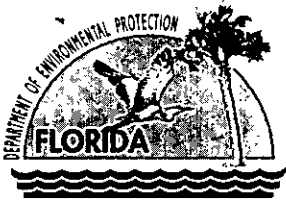
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, Florida Administrative Code.

The application/request 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

Department of Environmental Protection  
Southeast District  
400 N. Congress Avenue  
West Palm Beach, Florida 33401

Any person may send written comments on the proposed action to the Administrator, New Source Review Section, at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

**PERMITTEE:**

Ft. Pierce Utilities Authority  
H. D. King Power Plant  
311 North Indian River Drive  
Ft. Pierce, Florida 34950

**Permit Number:** AC 56-141460A  
**Expiration Date:** July 1, 1996  
**County:** St. Lucie  
**Project:** 31.6 MW Combined Cycle  
Gas Turbine

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code, (F.A.C.) Chapter 62-4, 62-210 through 297. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the re-issuance of permit No. AC 56-141460, subject to all previous conditions, amendments, and modifications, except for the changes in the Specific Conditions of this permit to Units Nos. 6, 7, 8, and 9. Permit No. AC 56-141460 expired June 1, 1990.

The H. D. King Power Plant is located at 311 North Indian River Drive, Ft. Pierce, St. Lucie County, Florida 34950. The UTM coordinates of the plant are Zone 17, 566.8 km E and 3,036.3 km N.

The project shall be constructed/operated in accordance with the attached request, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

**Attachments are listed below:**

1. Original construction permit AC 56-141460 issued March 28, 1988.
2. Amendment dated October 31, 1988.
3. Amendment dated August 31, 1989.
4. Amendment dated April 18, 1990.
5. Amendment dated November 9, 1990.
6. Amendment dated June 28, 1991.
7. Amendment/Settlement Agreement, DOAH Case No. 91-6989
7. Request for amendment dated February 21, 1996.

**DRAFT**



PERMITTEE:  
Ft. Pierce Utility Authority

Permit No. AC 56-141460A  
Expiration Date: 01-July-1996

**SPECIFIC CONDITIONS:**

1. This permit supersedes permit No. AC 56-141460 issued March 28, 1988.
2. The provisions of permit No. AC 56-141460 are incorporated into this air construction permit except for the following changes:
3. The sulfur dioxide emission standards is Specific Condition No. 2A of permit No. AC 56-141460 are changed:

FROM

Parameter	Unit 6 lbs/hr	Unit 7 lbs/hr	Unit 8 lbs/hr
SO <sub>2</sub>	12.38	0.1199	0.1917

TO

Parameter	Unit 6 lbs/hr	Unit 7 lbs/hr	Unit 8 lbs/hr
SO <sub>2</sub>	2.5	2.5	2.5

4. Compliance testing requirements for the sulfur dioxide emission limits for units 6, 7, 8, and 9 of permit No. AC 56-141460 are changed:

FROM

Compliance with the sulfur dioxide emission limits will be determined by Reference Method 20 or by calculation based on fuel analysis (ASTM D1552) for sulfur content.

TO

Compliance with the sulfur dioxide emission limits will be determined by Reference Method 20 or by calculation based on fuel analysis (ASTM 1552, D1072, D3031, D4084, or D3246) for sulfur content of the oil and natural gas. Certified analysis by the appropriate test method from the fuel supplier is acceptable to the Department.

**DRAFT**

**PERMITTEE:**  
**Ft. Pierce Utility Authority**

**Permit No. AC 141460A**  
**Expiration Date: July 1, 1996**

New Specific Condition for Permit No. AC 56-141460A:

Particulate matter tests on these units are waived when burning natural gas provided that the visible emissions do not exceed 5 percent opacity.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

Howard L. Rhodes, Director  
Division of Air Resources  
Management

**DRAFT**