



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

June 27, 1995

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Gregory A. DeMuth, Director
Environmental Division
Orlando Utilities Commission
P. O. Box 3193
Orlando, Florida 32802

RE: Combustion Turbines C & D
AC48-193720

Dear Mr. DeMuth:

The Bureau of Air Regulation received your June 13 request to amend the above referenced permit. Before we can begin processing your request, we will need a \$250 processing fee pursuant to Rule 62-4.050(4)(q)5., F.A.C. If you have any questions, please call Patty Adams at (904)488-1344.

Sincerely,

Patricia G. Adams

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

CHF/pa

cc: Martin Costello

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:
 Mr. Greg DeMuth, Director
 Orlando Utilities Commis.
 P.O. Box 9193
 Orlando, FL 32802

4a. Article Number
 Z 392 979 009

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

5. Signature (Addressee)
 [Signature]

6. Signature (Agent)
 [Signature]

7. Date of Delivery
 JUL 1995

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

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

in your RETURN ADDRESS completed on the reverse side? Thank you for using Return Receipt Service.

6-23-95
 8-24-95

Z 392 979 009



Receipt for Certified Mail
 No Insurance Coverage Provided
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 (See Reverse)

PS Form 3800, March 1993

Sender	Greg DeMuth
Street and No.	Orlando Utilities Commis
P.O., State and ZIP Code	Orlando, FL
Postage	\$
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	C4D 6-23-95
	AC48-193720



6/21/95
~~all~~
pls handle
Clair

ORLANDO UTILITIES COMMISSION

500 SOUTH ORANGE AVENUE • P. O. BOX 3193 • ORLANDO, FLORIDA 32802 • 407/423-9100

Certified Mail No. Z-083-094-150
Return Receipt Requested

June 13, 1995

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JUN 19 1995

Bureau of
Air Regulation

Mr. Clair Fancy, Chief
Bureau of Air Regulations
Florida Department of
Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Combustion Turbines C & D
Permit No. AC05-193720

Dear Mr. Fancy:

This letter is to request an amendment to the issued construction permit No. AC05-193720 for combustion turbines C and D located at the Orlando Utilities Commission (OUC) Indian River Plant in Brevard County.

As discussed with you and your staff, it is our understanding that this amendment will allow temperature versus heat input curves to be made a part of the construction permit. This amendment would in turn allow the Department to issue a proviso in the operation permit, which is currently being negotiated, that would reflect acceptance by the Department of compliance tests at the ambient temperature conditions during the noticed tests allowing OUC to operate the units in compliance at all ambient temperature conditions encountered during the following year:

Enclosed are copies of these curves provided by Westinghouse's engineers. We appreciate the Department's understanding and cooperation in resolving this technical issue which will allow us to operate the units in compliance on the coldest day of the year and at the same time assuring the Department the units will meet permit requirements.

Very truly yours,

Gregory A. DeMuth, Director
Environmental Division

GAD:rc

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RECEIVED
APR 12 1995

Westinghouse
Electric Corporation

Power Generation
Business Unit

Power Generation
Projects Division

The Quadrangle
4400 Alafaya Trail
Orlando Florida 32826-2399

CM/OPTMS/95-027

April 11, 1995

Mr. Bob Hicks
Environmental Division
Orlando Utilities Commission
500 South Orange Avenue
P. O. Box 3193
Orlando, Florida 32802

FAX: (407) 236-9616

Re: **Heat Input Curve for OUC Indian River, Units C and D, Base Load Operation**

Dear Mr. Hicks:

Per your request to Mr. Joseph Macak, attached is the base load heat input (million Btu/hr, LHV) curve vs. ambient temperature applicable to OUC Indian River Units C and D, while operating on natural gas and distillate oil fuels. The curve reflects expected heat input with 60% relative humidity and is not to be construed as a commercial offering. Be advised that these values will vary slightly based on changes in meteorology and fuel quality. The plot points for typical fuel are as follows:

Ambient Temperature	Base Load Heat Input (million Btu/hr, LHV)	
	Natural Gas	Distillate Oil
0	1354	1312
20	1354	1312
30	1349	1279
59	1251	1185
90	1148	1087
104	1097	1040

Should you have any further questions, please contact Ms. Lisa Beeson at (407) 281-5519.

Sincerely,

Thomas B. Czapleski
Manager, Operating Plant Technical and Materials Support

JJM:TBC
att.

OUC Indian River Units C and D
Base Load Heat Input (million Btu/hr, LHV) vs. Ambient Temperature

