

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,

AMC. H. Fancy, P.E.

Chief

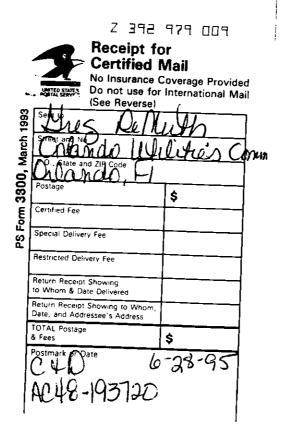
Bureau of Air Regulation

CHF/pa

cc: Martin Costello

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ORLANDO UTILITIES COMMISSION

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

Certified Mail No. 2-083-094-150 Return Receipt Requested RECEIVED

June 13, 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 <u>amendment</u> 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

Administration Fax: (407) 236-9616

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Purchasing Fax: (407) 423-9199



APR | 2 | 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:

	Base Load Heat Input (million Btu/hr, LHV)		
Ambient Temperature	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

