

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

IN RE: SITE CERTIFICATION	)	
LAUDERDALE REPOWERING PROJECT	)	
FLORIDA POWER & LIGHT CO.	)	CERTIFICATION NO. PA 89-26C
	)	OGC NO. 91-0207

FINAL ORDER MODIFYING
CONDITIONS OF CERTIFICATION

On January 10, 1991, the Governor and Cabinet, acting as the Siting Board, issued a final order approving certification for Florida Power & Light Company's (FPL) Lauderdale Repowering Project. The certification order approved the construction and operation of a natural gas/oil fired combined cycle facility and associated facilities to be located in Broward County, Florida. On November 11, 1992, and August 2, 1993, the Department issued final orders modifying the certification to authorize certain changes to the operation and facilities on the Lauderdale site.

On May 3, 1994, FPL filed a request for modification of the conditions of certification pursuant to section 403.516(1)(b), F.S. FPL requests that the conditions be modified to approve revised thermal limits and water monitoring requirements based on improved computer modelling and actual operating parameters. FPL submitted proposed changes to several conditions of certification to address the proposed modifications.

Copies of FPL's request were distributed to all parties to the certification proceeding, and also made available for public review. On July 15, 1994, a Notice of Proposed Modification of Power Plant Certification regarding the proposed modifications was published in the Florida Administrative Weekly. As of July 8, 1994, all of the parties to the original proceeding had received copies of the intent to modify. The notice specified that a hearing would be held if a party to the original certification hearing objects within 45 days from receipt of the proposed modification or if a person whose substantial interests will be affected by the proposed modification objects in writing within 30 days after issuance of the public notice. No written objection to the proposed modifications was received by the Department.

Accordingly, in the absence of any timely objection,
IT IS ORDERED:

The proposed changes to the Lauderdale Repowering Project, described in the May 3, 1994, request for modification, are APPROVED. Pursuant to section 403.516(1)(b), Florida Statutes, the Department hereby MODIFIES the conditions of certification for the Lauderdale Repowering Project as follows:

III.A.3. Thermal Limit -

3. Thermal Limit - ~~The temperature increase at the POD above the temperature at the cooling water intake shall not exceed 4.0°F (monthly average) in summer (June, July, August and September) or 4.7°F (monthly average) during the remaining months~~

~~of the year. Prior to commencement of commercial operation of the repowered units, Permittee shall modify the cooling pond berms in accordance with the Supplemental Cooling Canal/Pond System Thermal Modeling document dated September 6, 1990. Once modified, any alterations to the design or configuration of cooling canal/pond berms shall require a modification of this certification pursuant to 403.516, F.S. FPL shall install, maintain and operate continuously recording thermographs at the intake, the condenser outlet and POD to monitor compliance with thermal limits. Twelve months after start of commercial operation, FPL may request discontinuance of thermal monitoring at the POD. Upon a demonstration by FPL of compliance with the thermal limits of this condition for 12 continuous months, the DER may approve in writing to the Permittee the discontinuance of thermal monitoring at the POD. Records of thermal monitoring data shall be retained for at least 15 months.~~

(a) The temperature at the POD shall not exceed 99⁰F (monthly average, reported as a whole number) in the summer months (June, July, August, and September) or 96⁰F (monthly average, reported as a whole number) during the remaining months of the year.

(b) Prior to commencement of commercial operation of the repowered units, Permittee shall modify the cooling pond berms in accordance with the Supplemental Cooling Canal/Pond System Thermal Modeling document dated September 6, 1990. Once modified,

any alterations to the design or configuration of cooling canal/pond berms shall require a modification of this certification pursuant to 403.516, F.S.

(c) FPL shall install, maintain and operate continuously recording thermographs at the intake, the condenser outlet and POD to monitor compliance with thermal limits. Simultaneously with its application, in 1995, for renewal of the Lauderdale Power Plant NPDES permit, FPL may request, and DEP may authorize, discontinuance of thermal monitoring at the POD. A demonstration of compliance with the thermal limits of this condition for twelve continuous months shall be necessary for DEP to approve discontinuance of thermal monitoring.

(d) Records of thermal monitoring data shall be retained for at least 15 months.

Any party to this Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department of Environmental Protection in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; 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 days from the date that the Final Order is filed with the Department of Environmental Protection.

DONE AND ENTERED this 14th day of September, 1994 in
Tallahassee, Florida.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to §120.52
Florida Statutes, with the designated
Department Clerk, receipt of which
is hereby acknowledged.
Date 9/14/94 Clerk [Signature]

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

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CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing was sent by U.S.

Mail to the following this 14th day of September, 1994.

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