

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

IN RE: FLORIDA POWER CORPORATION)
POWER PLANT CERTIFICATION)
MODIFICATION REQUEST)
NO. PA 77-09C)
CITRUS COUNTY, FLORIDA)
_____ /

DEP 96-0385
OGC NO. 95-2526

FINAL ORDER MODIFYING CONDITIONS OF CERTIFICATION

The Department of Environmental Protection, after notice and opportunity for hearing, modifies the Conditions of Certification for the Florida Power Corporation (FPC) power plant near Crystal River pursuant to the Florida Electrical Power Plant Siting Act Section 403.516(l), Florida Statutes, (F.S.) and General Condition 12, Modification of Conditions, which delegates authority to modify conditions to the Department.

In September 1995, a request for modification was filed to allow termination of the salt drift study, a change in sulfur oxide stack testing, use of natural gas at Unit 4, and a change in discharge temperature. Upon review of all submitted material, Department recommends that the request be approved.

Copies of the Department's proposed action were distributed to all parties to the certification proceeding and made available for public review. On October 13, 1995, a Notice of Proposed Modification of Power Plant Certification was published in the Florida Administrative Weekly. As of October 13, 1995, all of the parties to the original Proceeding had received copies, sent by certified mail, 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 notice of 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 timely 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 conditions of certification for the FPC power plant are **APPROVED**. The Department hereby approves the modification, and pursuant to Section 403.516 (1) (6), F. S., the Department hereby **MODIFIES** the conditions of certification for the FPC facility as follows:

I. Air

The construction and operation of Units No. 4 and 5 at the Crystal River steam electric power plant site shall be in accordance with the applicable provisions of Chapters 62-210, 62-214, 62-256, 62-296, and 62-702, 17-2, 17-5, and 17-7, Florida Administrative Code. In addition to the foregoing, the permittee shall comply with the following specific conditions of certification:

B.7. ~~Salt drift deposition, accumulation, vegetative effects and effects on equipment shall be monitored and reported to the department in a manner approved by the department prior to the operation of the first cooling tower.~~

C.5. Stack Tests for particulates and SO₂ shall be performed annually in accordance with Florida Administrative Code Rule 62-297, and 40 CFR Part 60 Appendix A, and F Conditions C-2, 3, and 4 above.

H. Natural Gas

Natural Gas may be used as a startup and low-load flame stabilization fuel in Unit 4 and Unit 5.

II A. 3. Thermal Mixing Zone

The zone of thermal mixing for cooling tower blowdown shall not extend beyond the western end of the north bank of the existing discharge canal. During discharge, the blowdown from the cooling towers for Units No. 4 & 5 shall be withdrawn at the point of lowest temperature of the recirculating cooling water prior to the addition of makeup water. The temperature at the point of discharge into the discharge canal and into the Gulf of Mexico shall comply with the temperature limitations specified in NPDES Permits No. FL0036366 and FL0000159 respectively. ~~The temperature at the point of discharge into the discharge canal shall not be greater than 96° F, maximum two (2) hour average. The temperature at the end of the discharge canal shall not exceed the temperature limitations of Paragraph 17-3.05(3)(D) when only units 4 & 5 are operating and one or more of the recirculating water pumps from the existing~~

units are operating.

II.A.6. Cooling Tower Blowdown

The cooling tower blowdown shall contain no detectable amounts of materials added for corrosion inhibition, unless prior approval for use of such material has been granted by the department upon demonstration that the discharge is not toxic to aquatic life, does not contain priority pollutants and will not result in pollutant concentrations in excess of water quality standards including but not limited to zinc and chromium.

NOTICE OF RIGHTS

Any party to this Order has a right to seek judicial review of this Order pursuant to Section 120.68, Florida Statutes, by the Filing of a Notice of Appeal pursuant to Rule 9.10, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, 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 this Order is filed with the clerk of the Department.

DONE AND ORDERED this 5th day of July, 1996, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52
Florida Statutes, with the designated
Department Clerk, receipt of which
is hereby acknowledged.

Rebecca B. [Signature] 6/10/96
Clerk Date

[Signature]
for VIRGINIA B. WETHERELL, SECRETARY
Secretary
Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, FL 32399-3000
(904) 488-4805

CERTIFICATE OF SERVICE

I CERTIFY that a true copy of the foregoing was mailed to:
on this 15th day of July 1996.

Department of Community
Affairs
2740 Centerview Drive
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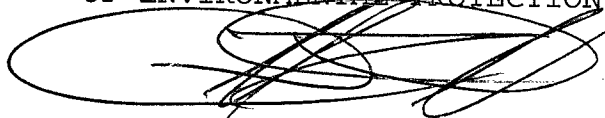
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STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



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