

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of

ALABAMA POWER COMPANY

(Joseph M. Farley Nuclear Plant
Unit Nos. 1 and 2)

) Docket Nos. 50-348
) and 50-364
)
)
)
)
)
)

EXEMPTION

I.

The Alabama Power Company (the licensee) is the holder of Facility Operating License Nos. NPF-2 and NPF-8 which authorize operation of the Joseph M. Farley Nuclear Power Plant Unit Nos. 1 and 2. These licenses provide, among other things, that they are subject to all rules, regulations and orders of the Commission now or hereafter in effect.

The facilities comprise two pressurized water reactors (PWR) at the licensee's site located near the City of Dothan, Alabama.

II.

Section 50.48(c)(4) of 10 CFR Part 50 requires a licensee to complete, if necessary, the alternative shutdown capability at a nuclear power plant according to the schedule detailed in the rule. The schedule in the rule calls for installation to be complete before startup after the earliest of the following events commencing 180 days or more after NRC approval of the design of the alternative shutdown capability:

- (1) the first refueling outage;
- (2) a planned outage lasting 60 days or more; or
- (3) an unplanned outage lasting 120 days or more.

By letter dated August 26, 1983, the NRC staff transmitted a Safety Evaluation related to Fire Protection to the licensee for the facilities informing the licensee that their proposed design for fire protection of safe shutdown capability was in compliance with Items III.G.3 and III.L of Appendix R with one exception. To complete compliance, the licensee was required to commit to resolution of this exception. The licensee responded by letter dated September 28, 1983 and made such a commitment.

On the basis of 10 CFR 50.48(c)(4), the licensee is required to complete installation of alternative shutdown capability before startup after the earliest of three kinds of outages commencing six months or more after issuance of the NRC Fire Protection Safety Evaluation which was dated August 26, 1983. The refueling outage of April 1985 is the earliest such outage for Unit 1 and the outage of January 1985 is the earliest such outage for Unit 2. Section 10 CFR 50.48(c)(4) requires completion of the alternative shutdown capability before startup from these refueling outages.

In a submittal dated June 18, 1982, supplemented by letters dated July 1 and November 3, 1982, September 28, 1983, and May 15, July 27, and August 6, 1984, the licensee requested an exemption from the schedular requirements of 10 CFR 50.48(c)(4) which would extend the deadlines for installation of certain portions of the alternate shutdown systems for Units 1 and 2 from the end of the 1985 refueling outages to the end of the 1986 refueling outages. The proposed exemption is needed since the licensee has indicated that the installation and verification of the alternative shutdown system cannot be

completed on the schedule stated in 10 CFR 50.48(c)(4) for the following reasons:

- (1) Final design and procurement activities were initiated upon receipt of NRC approval of the alternate shutdown system design on August 26, 1983.
- (2) Procurement lead times for some needed equipment (e.g., signal converter cards) is about 48 weeks.
- (3) Installation work inside containment requiring plant shutdown would take about four weeks, barring field problems, out of the five weeks outage schedule. Thus, two outages are needed for system completion and verification.

By letter dated July 27, 1984, the licensee described the compensatory measures taken to provide an acceptable level of alternative shutdown capability until the final portions of the alternate shutdown system are installed. For a control room or cable spreading room fire, certain systems changes would be delayed by the schedular extension. Thus, the licensee has described interim shutdown measures which will be implemented to provide a means of maintaining Hot Standby and eventually Cold Shutdown following a fire in the control room or cable spreading room. These measures will be utilized until the modifications to comply with 10 CFR 50 Appendix R, Section III.G.3 are completed. These interim measures and plant procedures will outline the necessary repairs and manual operations, and will include the identification and location of material necessary for temporary interconnections or jumpers to provide 125 VDC power, if needed. In most cases, operation of valves manually and racking out certain circuit breakers are the only temporary measures needed.

Based on the above, the staff has concluded that the licensee has provided acceptable interim post-fire shutdown capabilities for a fire in the control room or cable spreading room to support the requested schedular exemption. Therefore, the staff has concluded that schedular exemption should be granted.

III.

Accordingly, the Commission has determined that, pursuant to 10 CFR 50.12(a), an exemption as requested by the licensee's letter of June 18, 1982, supplemented July 1 and November 3, 1982, September 28, 1983, and May 15, July 27, and August 6, 1984, is authorized by law and will not endanger life or property or the common defense and security and is otherwise in the public interest. The Commission hereby grants an exemption from the requirements of 10 CFR 50.48(c)(4) to extend the deadline for completion of alternative shutdown capability at the Joseph M. Farley Nuclear Plant Units 1 and 2 until the end of the 1986 refueling outages for each Unit..

Pursuant to 10 CFR 51.32, the Commission has determined that the issuance of the exemption will have no significant impact on the environment (49 FR 38210).

This Exemption is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland
this 4th day of October 1984



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

August 24, 1984

Docket Nos. 50-250
and 50-251

Mr. J. W. Williams, Jr., Vice President
Nuclear Energy Department
Florida Power and Light Company
Post Office Box 14000
Juno Beach, Florida 33408

Dear Mr. Williams:

The Commission has issued the enclosed Amendment No. 105 to Facility Operating License No. DPR-31 and Amendment No. 99 to Facility Operating License No. DPR-41 for the Turkey Point Plant Units Nos. 3 and 4, respectively. The amendments consist of changes to the Technical Specifications in response to your application transmitted by letter dated September 12, 1983, as modified on October 26, 1983.

These amendments delete the non-radiological Environmental Technical Specifications in Appendix B which address the groundwater monitoring program and environmental protection limits.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's next regular monthly Federal Register notice.

Sincerely,

A handwritten signature in dark ink, appearing to read "Daniel G. McDonald, Jr.".

Daniel G. McDonald, Jr., Project Manager
Operating Reactors Branch #1
Division of Licensing

Enclosures:

1. Amendment No. 105 to DPR-31
2. Amendment No. 99 to DPR-41
3. Safety Evaluation

cc: w/enclosures
See next page

610905-0005

J. W. Williams, Jr.
Florida Power and Light Company

cc: Harold F. Reis, Esquire
Lowenstein, Newman, Reis and Axelrad
1025 Connecticut Avenue, N.W.
Suite 1214
Washington, DC 20036

Bureau of Intergovernmental Relations
660 Apalachee Parkway
Tallahassee, Florida 33130

Norman A. Coll, Esquire
Steel, Hector and Davis
1400 Southeast First National
Bank Building
Miami, Florida 33131

Mr. Ken N. Harris, Vice President
Turkey Point Nuclear Plant
Florida Power and Light Company
P.O. Box 013100
Miami, Florida 33101

Mr. M. R. Stierheim
County Manager of Metropolitan
Dade County
Miami, Florida 33130

Resident Inspector
Turkey Point Nuclear Generating Station
U.S. Nuclear Regulatory Commission
Post Office Box 57-1185
Miami, Florida 33257-1185

Regional Radiation Representative
EPA Region IV
345 Courtland Street, N.W.
Atlanta, GA 30308

Mr. Jack Shreve
Office of the Public Counsel
Room 4, Holland Building
Tallahassee, Florida 32304

Turkey Point Plants
Units 3 and 4

Administrator
Department of Environmental
Regulation
Power Plant Siting Section
State of Florida
2600 Blair Stone Road
Tallahassee, Florida 32301

James P. O'Reilly
Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street
Atlanta, GA 30303

Martin H. Hodder, Esquire
1131 N.E. 86th Street
Miami, Florida 33138

Joette Lorion
7269 SW 54 Avenue
Miami, Florida 33143

Mr. Chris J. Baker, Plant Manager
Turkey Point Nuclear Plant
Florida Power and Light Company
P.O. Box 013100
Miami, Florida 33101