

September 19, 1995

Mr. J. H. Goldberg  
President - Nuclear Division  
Florida Power and Light Company  
P.O. Box 14000  
Juno Beach, Florida 33408-0420

Dear Mr. Goldberg:

SUBJECT: ENVIRONMENTAL ASSESSMENT OF EXEMPTION REQUEST FROM 10 CFR PART 50,  
APPENDIX J - TURKEY POINT UNIT 4 (TAC NO. M93234)

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for exemption dated August 8, 1995, and revised by letter dated September 6, 1995. The proposed exemption would provide a one-time interval extension for the Type A test (containment integrated leak rate test) from the March 1996 refueling outage to the October 1997 refueling outage.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

(Original Signed By)

Richard P. Croteau, Project Manager  
Project Directorate II-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket No. 50-251

Enclosure: Environmental Assessment

cc w/enclosure:  
See next page

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Florida Power and Light Company

Turkey Point Plant  
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UNITED STATES NUCLEAR REGULATORY COMMISSIONFLORIDA POWER AND LIGHT COMPANYTURKEY POINT UNIT 4DOCKET NO. 50-251ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from Facility Operating License No. DPR-41, issued to Florida Power and Light Company (the licensee), for operation of Turkey Point Unit 4 located in Dade County, Florida.

ENVIRONMENTAL ASSESSMENTIdentification of the Proposed Action:

This Environmental Assessment has been prepared to address potential environmental issues related to the licensee's application of August 8, 1995, and revised by letter dated September 6, 1995. The proposed action would exempt the licensee from the requirements of 10 CFR Part 50, Appendix J, Paragraph III.D.1.(a), to the extent that a one-time interval extension for the Type A test (containment integrated leak rate test) by one refueling outage from the March 1996 refueling outage to the October 1997 refueling outage would be granted.

The Need for the Proposed Action:

The proposed action is needed to permit the licensee to defer the Type A test from the March 1996 refueling outage to the October 1997 refueling outage. The exemption would permit a more flexible schedule for containment leak rate testing than provided for under the current regulations and result in significant cost savings.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed action and concludes that the proposed one-time exemption would not increase the probability or consequences of accidents previously analyzed and the proposed one-time exemption would not affect facility radiation levels or facility radiological effluents. The licensee will continue to be required to conduct the Type B and C local leak rate tests which historically have been shown to be the principal means of detecting containment leakage paths with the Type A tests confirming the Type B and C test results. It is also noted that the licensee, as a condition of the proposed exemption, will perform the visual containment inspection although it is only required by Appendix J to be conducted in conjunction with Type A tests. The NRC staff considers that these inspections, though limited in scope, provide an important added level of confidence in the continued integrity of the containment boundary. The change will not increase the probability or consequences of accidents, no changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential nonradiological impacts, the proposed action does involve features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has no other environmental impact. Accordingly, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed action.

Alternatives to the Proposed Action:

Since the Commission has concluded there is no measurable environmental impact associated with the proposed action, any alternatives with equal or greater environmental impact need not be evaluated. As an alternative to the proposed action, the NRC staff considered denial of the proposed action. Denial of the application would result in no change in current environmental impacts.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in the Final Environmental Statement dated July 1972 for Turkey Point Unit 4.

Agencies and Persons Consulted:

In accordance with its stated policy, on May 16, 1995 the NRC staff consulted with the Florida State official, Dr. Lyle Jerrett of the State Office of Radiation Control, regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

Based upon the environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee's letters dated August 8, 1995, and September 6, 1995, which are available for public inspection at the Commission's Public Document Room, The Gelman Building, 2120 L Street, NW., Washington, DC, and at the local public

document room located at the Florida International University, University Park, Miami, Florida 33199.

Dated at Rockville, Maryland, this 19th day of September 1995.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "DB Matthews".

David B. Matthews, Director  
Project Directorate II-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation