

November 20, 1998

Mr. T. F. Plunkett  
President - Nuclear Division  
Florida Power and Light Company  
P. O. Box 14000  
Juno Beach, Florida 33408-0420

SUBJECT: ENVIRONMENTAL ASSESSMENT OF REQUEST FOR EXEMPTION FROM  
CERTAIN REQUIREMENTS OF 10 CFR PART 50, APPENDIX R, FIRE  
PROTECTION PROGRAM FOR NUCLEAR POWER FACILITIES - TURKEY  
POINT UNITS 3 AND 4 (TAC NOS. M99324 AND M99325)

Dear Mr. Plunkett:

Enclosed is a copy of the "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your request dated July 31, 1997, as supplemented by submittals dated July 2, and October 27, 1998, regarding a proposed exemption from the requirements of 10 CFR Part 50, Appendix R.

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

Sincerely,

/s/

Kahtan N. Jabbour, Senior Project Manager  
Project Directorate II-3  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-250 and 50-251

Enclosure: Environmental Assessment

cc w/enclosure: See next page

**DISTRIBUTION:** LPlisco, RII  
~~Docket File~~ BClayton  
PUBLIC KJabbour  
Turkey Pt. rlf TEssig  
JZwolinski OGC  
FHebdon ACRS

DF01

DOCUMENT NAME: G:\TURKEY\TP99324.ENV

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" =  
Copy with attachment/enclosure "N" = No copy \* See previous concurrence

OFFICE	PDII-3/PM	<input checked="" type="checkbox"/>	PDII-3/LA	<input type="checkbox"/>	PGEBC(A)*	<input type="checkbox"/>	OGC*	PDII-3/D
NAME	KJabbour:cw	KNS	BClayton	BAW	TEssig			FHebdon
DATE	11/19/98		11/19/98		11/5/98		11/16/98	11/30/98

OFFICIAL RECORD COPY

9811300013 981120  
PDR ADOCK 05000250  
F PDR



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

WASHINGTON, D.C. 20555-0001

November 20, 1998

Mr. T. F. Plunkett  
President - Nuclear Division  
Florida Power and Light Company  
P. O. Box 14000  
Juno Beach, Florida 33408-0420

**SUBJECT: ENVIRONMENTAL ASSESSMENT OF REQUEST FOR EXEMPTION FROM  
CERTAIN REQUIREMENTS OF 10 CFR PART 50, APPENDIX R, FIRE  
PROTECTION PROGRAM FOR NUCLEAR POWER FACILITIES - TURKEY  
POINT UNITS 3 AND 4 (TAC NOS. M99324 AND M99325)**

Dear Mr. Plunkett:

Enclosed is a copy of the "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your request dated July 31, 1997, as supplemented by submittals dated July 2, and October 27, 1998, regarding a proposed exemption from the requirements of 10 CFR Part 50, Appendix R.

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

Sincerely,

A handwritten signature in cursive script, reading "Kahtan N. Jabbour", is positioned above the typed name.

Kahtan N. Jabbour, Senior Project Manager  
Project Directorate II-3  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-250 and 50-251

Enclosure: Environmental Assessment

cc w/enclosure: See next page

Mr. T. F. Plunkett  
Florida Power and Light Company

cc:

M. S. Ross, Attorney  
Florida Power & Light Company  
P.O. Box 14000  
Juno Beach, FL 33408-0420

Mr. Robert J. Hovey, Site  
Vice President  
Turkey Point Nuclear Plant  
Florida Power and Light Company  
9760 SW. 344th Street  
Florida City, FL 33035

County Manager  
Metropolitan Dade County  
111 NW 1 Street, 29th Floor  
Miami, Florida 33128

Senior Resident Inspector  
Turkey Point Nuclear Generating  
Station  
U.S. Nuclear Regulatory Commission  
P.O. Box 1448  
Homestead, Florida 33090

Mr. William A. Passetti, Chief  
Department of Health  
Bureau of Radiation Control  
2020 Capital Circle, SE, Bin #C21  
Tallahassee, Florida 32399-1741

Mr. Joe Myers, Director  
Division of Emergency Preparedness  
Department of Community Affairs  
2740 Centerview Drive  
Tallahassee, Florida 32399-2100

## TURKEY POINT PLANT

Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission  
61 Forsyth Street, SW., Suite 23T85  
Atlanta, GA 30303-3415

Attorney General  
Department of Legal Affairs  
The Capitol  
Tallahassee, Florida 32304

Plant Manager  
Turkey Point Nuclear Plant  
Florida Power and Light Company  
9760 SW. 344th Street  
Florida City, FL 33035

Mr. Gary E. Hollinger  
Licensing Manager  
Turkey Point Nuclear Plant  
9760 SW. 344th Street  
Florida City, FL 33035

Mr. Leonard D. Wert  
U.S. Nuclear Regulatory Commission  
61 Forsyth Street, SW., Suite 23T85  
Atlanta, GA 30303-3415

Mr. John Gianfrancesco  
Manager, Administrative Support and  
Special Projects  
Florida Power & Light Company  
P. O. Box 14000  
Juno Beach, Florida 33408-0420

Mr. Rajiv S. Kundalkar  
Vice President - Nuclear Engineering  
Florida Power & Light Company  
P. O. Box 14000  
Juno Beach, Florida 33408-0420

UNITED STATES NUCLEAR REGULATORY COMMISSIONFLORIDA POWER AND LIGHT COMPANYTURKEY POINT UNITS 3 AND 4DOCKET NOS. 50-250 AND 50-251ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission or NRC) is considering issuance of an exemption from certain requirements of its regulations to Florida Power and Light Company (the licensee), holder of Facility Operating Licenses Nos. DPR-31 and DPR-41 for operation of Turkey Point Units 3 and 4, respectively.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed action is in accordance with the licensee's application dated July 31, 1997, as supplemented by submittals dated July 2, and October 27, 1998, for exemption from certain requirements of Appendix R, "Fire Protection Program for Nuclear Power Facilities Operating Prior to January 1, 1979," for Turkey Point Units 3 and 4. Specifically, the licensee requested an exemption from the requirements of Appendix R, Subsection III.G.2.a, for raceway fire barriers in the Open Turbine Building.

The Need for the Proposed Action:

The Thermo-Lag fire barriers installed at Turkey Point Units 3 and 4 have a rating that does not meet the requirements specified in Subsection III.G.2.a. The proposed exemption is needed because compliance with the regulation would result in significant additional costs.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed action and concludes that the underlying purpose of the regulation, to provide reasonable assurance that at least one means of achieving and maintaining safe shutdown conditions will remain available during and after any postulated fire in the plant, will be met. Accordingly, the proposed action will not result in an increase in the probability or consequences of accidents previously analyzed or result in a change in occupational or public dose. Therefore, there are no significant radiological impacts associated with the proposed action.

In addition, the proposed action will not result in a change in nonradiological plant effluents and will have no other nonradiological environmental impact.

Accordingly, the Commission concludes that there are no significant environmental impacts associated with this action.

Alternative to the Proposed Action:

As an alternative to the proposed action, the staff considered denial of the proposed action (no-action alternative). Denial of the application would result in no change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in the Final Environmental Statements related to operation of Turkey Point Units 3 and 4, dated July 1972.

Agencies and Persons Consulted:

In accordance with its stated policy, on November 4, 1998, the NRC staff consulted with the Florida State official, Mr. William Passetti of the Bureau of Radiation Control, regarding the

environmental impact of the proposed action. The State official had no comments.

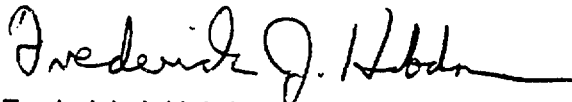
FINDING OF NO SIGNIFICANT IMPACT

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 request dated July 31, 1997, as supplemented by submittals dated July 2, and October 27, 1998, 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.

Dated at Rockville, Maryland, this 20th day of November 1998.

FOR THE NUCLEAR REGULATORY COMMISSION



Frederick J. Hebdon, Director  
Project Directorate II-3  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation