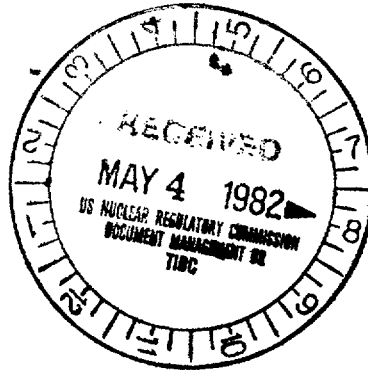


DISTRIBUTION
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 IE-2
 ACRS-10
 OPA
 RDiggs
 LSchneider
 DBrinkman
 TBarnhart-4
 CParrish
 MGrotenhuis
 DFieno
 CBerlinger
 ASLAB
 Gray File

APR 22 1982

Docket Nos. 50-250
 and 50-251

Dr. Robert E. Uhrig, Vice President
 Advanced Systems and Technology
 Florida Power and Light Company
 Post Office Box 529100
 Miami, Florida 33152



Dear Dr. Uhrig:

The Commission has issued the enclosed Amendment No. 86 to Facility Operating License No. DPR-31 and Amendment No. 79 to Facility Operating License No. DPR-41 for the Turkey Point Plant Unit Nos. 3 and 4, respectively. The amendments consist of changes to the Technical Specifications in response to your application transmitted by letter dated April 21, 1982, as supplemented April 22, 1982.

These amendments correct the Hot Channel Factor Normalization Operating Envelope.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

ORIGINAL SIGNED

Marshall Grotenhuis, Project Manager
 Operating Reactors Branch #1
 Division of Licensing

Enclosures:

1. Amendment No. 86 to DPR-31
2. Amendment No. 79 to DPR-41
3. Safety Evaluation
4. Notice of Issuance

cc w/enclosures:
 See next page

8205110249 820422
 PDR ADOCK 05000250
 P PDR

*Previous concurrence see next page

OFFICE	ORB#1:DL	ORB#1:DL*	CPB*	CPB*	ORB#1:DL	ARB#1:DL	OELD
SURNAME	CParrish	MGrotenhuis	DFieno	CBerlinger	SVasha	TNvack	
DATE	04/22/82	04/ /82:ds	04/ /82	04/ /82	04/22/82	04/22/82	04/22/82

*Amend
 PDR
 only*

DISTRIBUTION
 Docket Gray File
 NRC PDR
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 NSIC
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 ACRS-10
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Docket Nos. 50-250
 and 50-251

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 Advanced Systems and Technology
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cc w/enclosures:
 See next page

OFFICE	ORB#1:DL	ORB#1:DL	CPB	ORB#1:DL	AD/OR:DL	OELD	
SURNAME	CParrish	MGrotenhuis	DFieno	SVarga	TNovak		E. BERLINGER
DATE	04/ /82	04/22/82:ds	04/22/82	04/22/82	04/ /82	04/ /82	4/22/82

Robert E. Uhrig
Florida Power and Light Company

cc: Mr. Robert Lowenstein, Esquire
Lowenstein, Newman, Reis and Axelrad
1025 Connecticut Avenue, N.W.
Suite 1214
Washington, D. C. 20036

Environmental and Urban Affairs Library
Florida International University
Miami, Florida 33199

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

Mr. Henry Yaeger, Plant Manager
Turkey Point Plant
Florida Power and Light Company
P. O. Box 013100
Miami, Florida 33101

Honorable Dewey Knight
County Manager of Metropolitan
Dade County
Miami, Florida 33130

Bureau of Intergovernmental Relations
560 Apalachee Parkway
Tallahassee, Florida 32304

Resident Inspector
Turkey Point Nuclear Generating Station
U. S. Nuclear Regulatory Commission
Post Office Box 1207
Homestead, Florida 33030

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

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

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
101 Marietta Street - Suite 3100
Atlanta, Georgia 30303



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

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-250

TURKEY POINT PLANT UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 86
License No. DPR-31

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Florida Power and Light Company (the licensee) dated April 21, 1982, as supplemented April 22, 1982, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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PDR ADDCK 05000250
P PDR

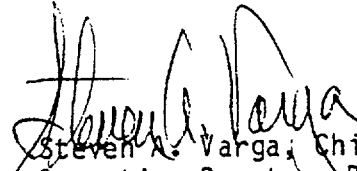
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-31 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 86, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 22, 1982



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

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-251

TURKEY POINT PLANT UNIT NO. 4

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 79
License No. DPR-41

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Florida Power and Light Company (the licensee) dated April 21, 1982, as supplemented April 22, 1982, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

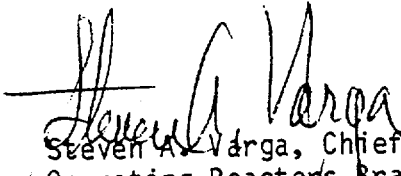
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-41 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 79, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Steven A. Varga, Chief
/ Operating Reactors Branch #1
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 22, 1982

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 86 TO FACILITY OPERATING LICENSE NO. DPR-31

AMENDMENT NO. 79 TO FACILITY OPERATING LICENSE NO. DPR-41

DOCKET NOS. 50-250 AND 50-251

Revise Appendix A as follows:

Remove Page

Figure 3.2-3

Insert Page

Figure 3.2-3

HOT CHANNEL FACTOR
NORMALIZED OPERATING ENVELOPE

(for $\leq 28\%$ steam generator tube plugging and $F_q = 2.125$)

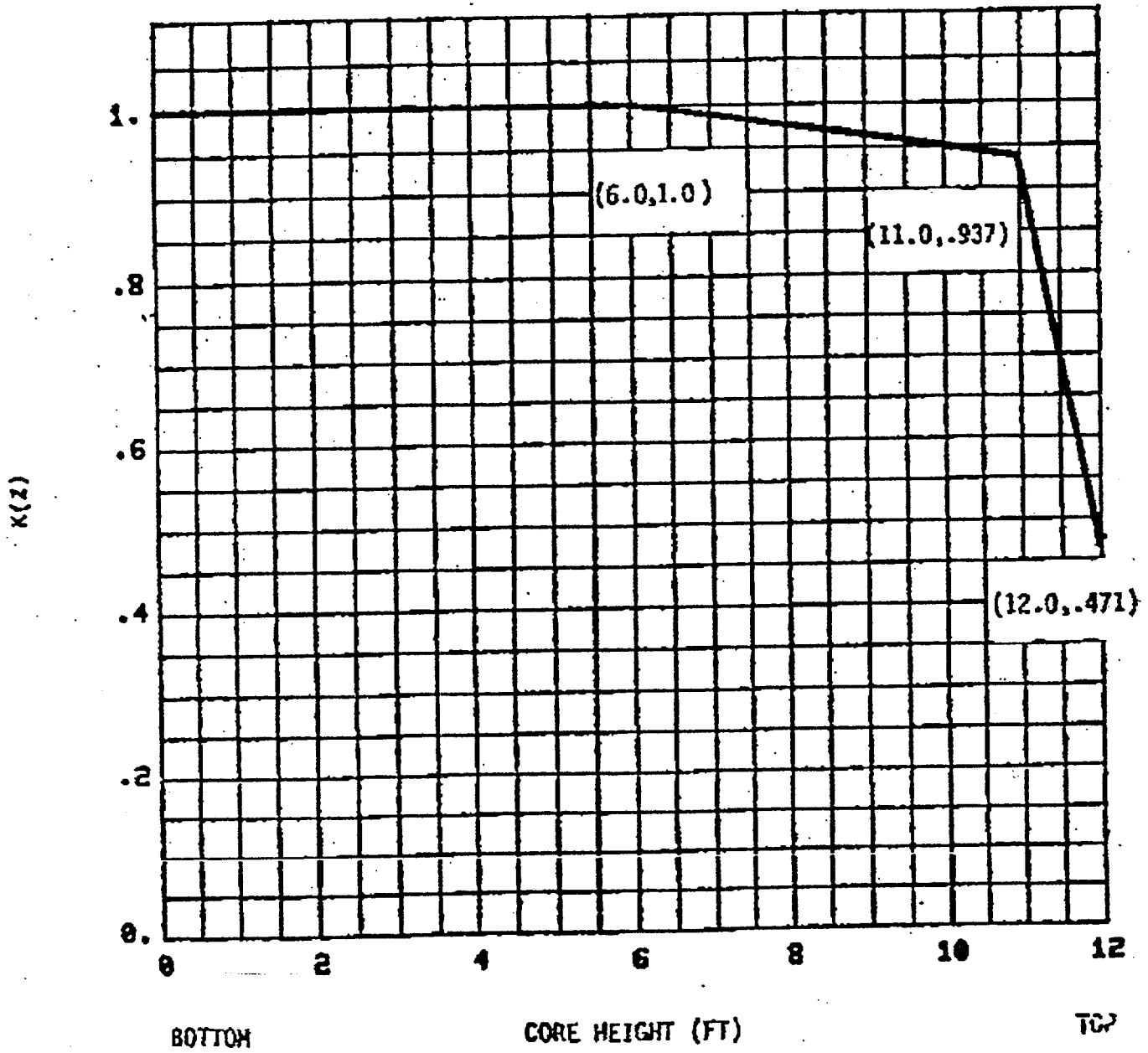


FIG. 3.2-3

4/21/82

Amendment Nos. 86 & 79



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 86 TO FACILITY OPERATING LICENSE NO. DPR-31
AND AMENDMENT NO. 79 TO FACILITY OPERATING LICENSE NO. DPR-41

FLORIDA POWER AND LIGHT COMPANY
TURKEY POINT PLANT UNIT NOS. 3 AND 4
DOCKET NOS. 50-250 AND 50-251

Introduction

By phone call dated April 21, 1982, confirmed by a letter of the same date, as supplemented April 22, 1982, Florida Power and Light Company (the licensee) requested expedited action to amend the Technical Specifications for the Turkey Point Plant Unit Nos. 3 and 4. The amendments would replace an erroneous Hot Channel Factor Curve.

Background

On June 23, 1981, Amendment Nos. 68 and 60 were issued for the Turkey Point Plant Unit Nos. 3 and 4. These amendments incorporated the results of a revised ECCS analysis for a steam generator plugging level of 28%. Among other things the Hot Channel Factor curve $[K(z)]$ was changed to request operation with 28% of the steam generator tubes plugged.

After Unit 3 began operation with the new steam generators it operated under the current $K(z)$ curve (i.e. for 28% steam generator tubes plugged) since the ECCS evaluation for the new steam generators had not been submitted to the NRC for review and approval. Upon completing the necessary surveillance measures it was determined that the $K(z)$ curve was in error.

Evaluation

We have reviewed the applications and had a conference call with the licensee and the Westinghouse Corporation staff. A supplemental application dated April 22, 1982 was submitted.

Based on investigation by Westinghouse and the licensee of Figure 3.2-3 of the Turkey Point 3 and 4 Technical Specifications, it has been determined that the currently docketed figure is incorrect. Based on Westinghouse investigations it appears that the intercept of the second and third line segments in the region of 11 feet in core height has been incorrectly calculated for an $FQ(Z)$ of 2.125. The current intercept coordinates of 11.2 feet, 0.849 reflect an incorrect calculation based on the use of FQ value of 2.125. Westinghouse has determined that the correct coordinates for the intercept should be 11.0 feet, 0.937. The licensee proposes that Figure 3.2-3 be modified to reflect the following break points:

0 feet	1.0
6.0 feet	1.0
11.0 feet	0.937
12.0 feet	0.471

Based on the conference call and the supplemental application the staff finds that error was properly corrected and the new $K(z)$ curve is acceptable. Previous operations under the old $K(z)$ curve which was in error did not violate any Technical Specifications because the incorrect $K(z)$ curve was conservative relative to the corrected curve.

Environmental Consideration

We have determined that the amendments do not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendments do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the amendments do not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: April 22, 1982

Principal Contributors:

M. Grotenhuis
D. Fieno

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NOS. 50-250 AND 50-251FLORIDA POWER AND LIGHT COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSES

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 86 to Facility Operating License No. DPR-31, and Amendment No. 79 to Facility Operating License No. DPR-41 issued to Florida Power and Light Company (the licensee), which revised Technical Specifications for operation of Turkey Point Plant, Unit Nos. 3 and 4 (the facilities) located in Dade County, Florida. The amendments are effective as of the date of issuance.

The amendments correct the Hot Channel Factor Normalization Operating Envelope.

The application for the amendments complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CRR Chapter I, which are set forth in the license amendments. Prior public notice of these amendments was not required since the amendments do not involve a significant hazards consideration.

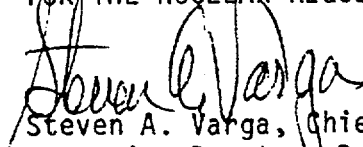
The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of these amendments.

- 2 -

For further details with respect to this action, see (1) the application for amendments dated April 21, 1982, as supplemented April 22, 1982, (2) Amendment Nos. 86 and 79 to License Nos. DPR-31 and DPR-41, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the Environmental and Urban Affairs Library, Florida International University, Miami, Florida 33199. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 22nd day of April, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION


Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing