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 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME AUTHOR AFFILIATION
 UHRIG, R.E. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Amend to Licenses DPR-31 & DRP-41 amending Tech Specs to reflect results of ECCS analysis re power distribution limits for steam generator tube plugging level of 22%.

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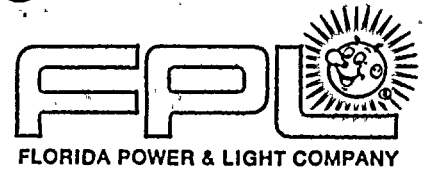
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February 13, 1980
L-51-80

Director of Nuclear Reactor Regulation
Attention: Mr. Darrell G. Eisenhut, Acting Director
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Eisenhut:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Proposed Amendment to Facility
Operating Licenses DPR-31 and DPR-41

In accordance with 10 CFR 50.30, Florida Power & Light Company submits herewith three (3) signed originals and forty (40) copies of a request to amend Appendix A of Facility Operating Licenses DPR-31 and DPR-41.

Our NSSS vendor (Westinghouse) has completed a revised ECCS analysis for Turkey Point Units 3 and 4. February, 1978 Appendix K evaluation models were used for the worst DECLG break ($C_D=0.4$), assuming a steam generator plugging level of 22%, a 3% reduction in thermal design flow, and removal of a 65°F fuel temperature conservatism. The limiting break was reanalyzed at an F_q of 1.99 with a resulting peak clad temperature of 2160°F. The results of the analysis are presented in Attachment 1.

Justification of the 65°F fuel temperature modification was reviewed by the NRC technical staff and the revised procedure was found to be acceptable for use in Appendix K licensing calculations.

The proposed amendment is described below and shown on the accompanying Technical Specification pages bearing the date of this letter in the lower right hand corner.

Pages 3.2-3 and 3.2-4

Specification 3.2.6.a(2) is revised to reflect the results of a recent ECCS analysis on the power distribution limits for a steam generator tube plugging level of 22%.

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Figure 3.2-3

Deleted. This figure is no longer applicable.

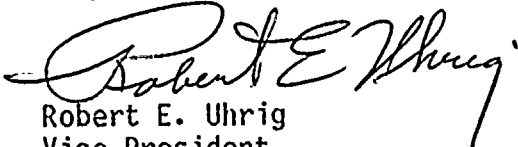
Figure 3.2-3a

The normalized hot channel factor operating envelope for a steam generator tube plugging level of 22% is revised to reflect the results of a recent ECCS analysis.

An ECCS analysis for 25% steam generator tube plugging is under review and will be submitted shortly. Specification 3.2.6.a(1) and Figure 3.2-3b have been annotated to indicate that they will be revised based on the results of the 25% analysis.

The proposed amendment has been reviewed and approved by the Turkey Point Plant Nuclear Safety Committee and the Florida Power & Light Company Nuclear Review Board.

Very truly yours,


Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/MAS/cph

Attachment

cc: Mr. J. P. O'Reilly, Region II
Harold Reis, Esquire

