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 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME AUTHOR AFFILIATION
 UHRIG, R.E. Florida Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
 EISENHUT, D.G. Division of Licensing

SUBJECT: Application to amend App A to Tech Specs for Licenses DPR-31
 & DPR-41, removing boron injection tank requirements &
 allowing for eventual removal of tank from sys.

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 TITLE: Thermal Shock to Reactor Vessel

NOTES: W/CHECK \$4,400

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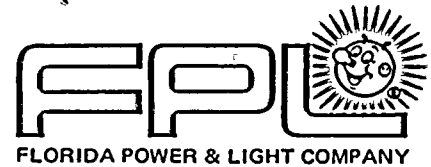
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The image shows a document page, likely a ledger or form, characterized by a grid-like structure. The page is heavily degraded with numerous black specks and artifacts, making the text illegible. The layout appears to have multiple columns and rows, with some faint markings visible along the top and bottom edges.

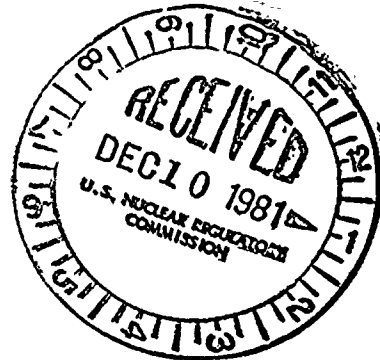


November 30, 1981
L-81-502

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

Dear Mr. Eisenhut:

Re: Turkey Point Units 3 & 4
Docket No. 50-250, 50-251
Proposed License Amendment
Removal of Boron Injection Tank



In accordance with 10 CFR 50.90, Florida Power & Light Company submits herewith three signed originals and forty copies of a request to amend Appendix A of Facility Operating License DPR-31 and DPR-41.

This amendment is submitted to allow removal of the requirement for the Boron Injection Tank (BIT) from the Technical Specifications, and to allow for the BIT's eventual removal from the system. This change will become effective following the installation of the Model 44F steam generators and startup of the Unit from the steam generator repair outage.

To facilitate the change, and to allow continued use of a common Technical Specification for both units, the portions of the Technical Specifications affected are unchanged, but are marked with an asterisk. The asterisk denotes the basis for deleting the BIT requirement by referencing to Bases 3.4.1.a.2.

The analytical basis for the removal of the BIT is presented in the attachments. None of the FSAR transients except for the main steamline break (MSLB) are effected by removing the BIT from service. Attachment II presents the core reactivity transients for the MSLB. Attachment III presents the containment pressure response to the MSLB. Both analyses assume the Model 44F steam generator with an integral flow restrictor. Although both analyses used a boron concentration of 2000 ppm in the RWST, Attachment IV verifies that the results are also valid at 1950 ppm, our current Technical Specification value, and also at zero ppm. Attachment V verifies that removal of the BIT's volume of heated water from the Pressurized Thermal Shock Analyses will not affect the results of those analyses.

The following pages are to be changed:

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PDR ADDCK 05000250
P PDR

A049
53/40
w/Check
\$4400

Pages 3.4-1 & 3.4-2

References to the BIT are marked with an asterisk and a footnote referencing to the Bases added.

Page 4.5-2

The requirement for BIT isolation valve tests are marked with an asterisk and a footnote referencing to the Bases added.

Table 4.1-2

Required tests for the BIT have been marked with an asterisk, and Fluoride (F) has been added to the table for consistency with Limiting Condition of Operations.

Bases Pages B3.4-1 and B3.4-2

The requirement for utilization of the BIT as part of the Safety Injection and Residual Heat Rejection Systems is modified by an asterisk.

Bases Page B3.6-1

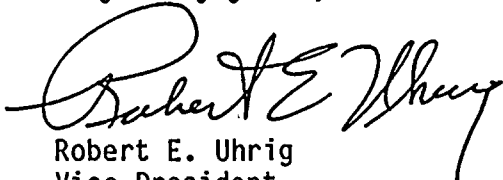
The BIT is removed as a Limiting Condition of Operation for the Chemical and Volume Control System.

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

Enclosed please find a check for \$4,400 in accordance with 10 CFR 170.22. It has been determined that this represents a Class I and III amendment.

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/JEM/ras

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

