

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8110050207 DOC. DATE: 81/09/28 NOTARIZED: NO DOCKET #
 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
 AUTH. NAME: AUTHOR AFFILIATION
 UHRIG, R.E. Florida Power & Light Co.
 RECIP. NAME: RECIPIENT AFFILIATION
 EISENHUT, D.G. Division of Licensing

SUBJECT: Application to amend App. A of License DPR-67 to add limitations to address Mode 5 operation w/RCS partially drained.

DISTRIBUTION CODE: A0015 COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3+3
 TITLE: General Distribution for after Issuance of Operating License

NOTES: *w/check \$4000.00*

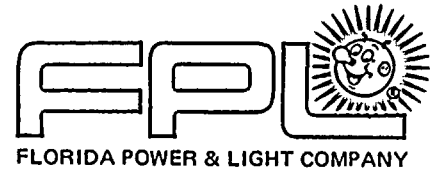
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EXTERNAL:	ACRS 09	16	16	LPDR 03	1	1
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	NTIS	1	1			

App 2

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September 28, 1981
L-81-425

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: St. Lucie Unit 1
Docket No. 50-335
Proposed License Amendment
Shutdown Margin (Mode 5)



In accordance with 10 CFR 50.30, Florida Power & Light Company submits herewith three signed originals and forty copies of a request to amend Appendix A of Facility Operating License DPR-67.

On May 14, 1980, Florida Power & Light Company was informed by its NSSS vendor that operation in Mode 5 (Cold Shutdown) with a partially drained Reactor Coolant System (RCS) had not been analyzed for the boron dilution event. The effect of a reduced RCS water volume was a shorter predicted time to criticality, and therefore less time for operator action to terminate the transient, assuming a shutdown margin of $1\% \Delta k/k$ at the beginning of the event. The event description and corrective actions were described in Reportable Occurrence 335-80-27 dated May 21, 1980.

In accordance with recommendations from the NSSS vendor, plant operating procedures have been revised to:

1. increase the shutdown margin to $\geq 2.0\% \Delta k/k$ thereby ensuring at least 20 minutes for operator action before criticality, and
2. preclude operation with more than two charging pumps when the RCS is partially drained in Mode 5.

Revision of Technical Specification 3.1.1.2 to incorporate the conservative limitations described above will complete the corrective action required to close out Reportable Occurrence 335-80-27.

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

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Office of Nuclear Reactor Regulation
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Additional limitations are added to Specification 3.1.1.2 to address Mode 5 (Cold Shutdown) operation with the Reactor Coolant System partially drained.

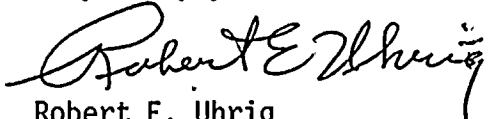
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Information is added to support the Mode 5 change described in Specification 3.1.1.2.

This has been determined to a Class III Amendment in accordance with 10 CFR 170.22. A check for the amount of \$4,000 is enclosed.

The proposed Amendment has been approved by the St. Lucie Facility Review Group and the Florida Power & Light Company Nuclear Review Board.

Very truly yours,



Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/PLP/ras

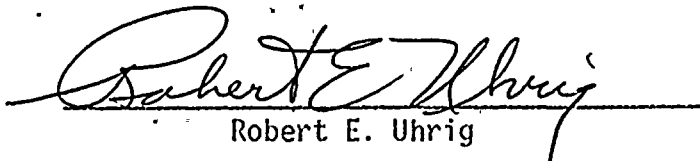
cc: Mr. J. P. O'Reilly, Director, Region II
Harold F. Reis, Esquire

STATE OF FLORIDA)
)
COUNTY OF DADE) ss.

Robert E. Uhrig, being first duly sworn, deposes and says:

That he is Vice President of Florida Power & Light Company, the Licensee herein;

That he has executed the foregoing document; that the statements made in this said document are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute the document on behalf of said Licensee.


Robert E. Uhrig

Subscribed and sworn to before me this

28 day of September, 19 81

Cheryl J. Fredrick
NOTARY PUBLIC, in and for the County of Dade,
State of Florida

My commission expires: Notary Public, State of Florida at Large
My Commission Expires October 30, 1983
Bonded thru Maynard Bonding Agency

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