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ACCESSION # 851029037/ DOC. DATE: 02/10/76 NOTARIZED: YES DOCKET # 05000335

FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co.
 AUTH. NAME: WILLIAMS, J.W. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: THOMPSON, H.L. RECIPIENT AFFILIATION: Division of Licensing

SUBJECT: Application for amend to License DPR-67, changing Tech Specs to support installation of safety-grade automatic feedwater sys during upcoming refueling outage. Fee paid.

DISTRIBUTION CODE: A046D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3+1b
 TITLE: OR Submittal: TMI Action Plan Rgmt NUREG-0737 & NUREG-0660

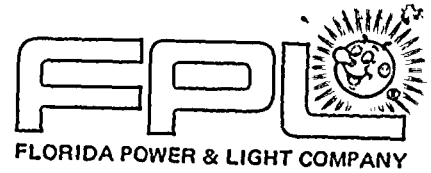
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EXTERNAL:	24X		1	1	LPDR 03		1	1
	NRC PDR 02		1	1	NSIC 05		1	1

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L-85-400

Office of Nuclear Reactor Regulation
Attention: Mr. Hugh L. Thompson, Jr., Director
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Thompson:

Re: St. Lucie Unit No. 1
Docket No. 50-335
Proposed License Amendment
Safety Grade Automatic Auxiliary Feedwater Actuation System

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-67.

This amendment request contains those technical specifications needed to support the installation of the safety grade automatic auxiliary feedwater actuation system (AFAS), which is being installed during the upcoming refueling outage to satisfy NUREG-0737 section II.E.1.2.

The proposed changes are shown on the accompanying Technical Specification pages. A discussion of each change is included in the attached safety evaluation/no significant hazards considerations determination.

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

In accordance with 10 CFR 50.91(b)(1), a copy of the proposed amendment is being forwarded to the state designee for the State of Florida.

In accordance with 10 CFR 170.21, a check is attached as remittance for the license amendment application fee.

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P PDR

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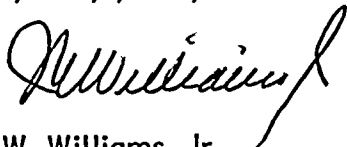
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Office of Nuclear Reactor Regulation
Mr. Hugh L. Thompson, Jr., Director

NRC letter of May 13, 1982, requested that we provide a reanalysis of the core reactivity response to a main steamline break because the 3-minute time delay was not included in the AFAS design. However, as indicated in Section I.1 of the attached safety evaluation, the 3-minute time delay has been included in the AFAS design and therefore, the previous analysis is applicable.

NRC letter dated December 13, 1982, requested that we provide a summary of the testing and trouble-shooting experience from the St. Lucie Unit 2 system. The St. Lucie Unit 2 AFAS underwent preoperational testing during the startup phase. The only significant deficiency identified during preoperational testing was setpoint drift associated with faulty setpoint potentiometers. This problem was investigated by Combustion Engineering, and the faulty components were replaced as necessary on both St. Lucie Unit 1 and Unit 2 AFAS cabinets. Also, during routine surveillance testing at power, inadvertent actuations were experienced which were attributed to intermittent interposing relay contact closure. Modifications were made to provide status indication of the interposing relay contact position to prevent further inadvertent actuations. The interposing relays have all been replaced with an upgraded relay design on St. Lucie Unit 1, and are scheduled for replacement on St. Lucie Unit 2 during the Spring 1986 refueling outage.

Should you have any questions regarding this submittal, please feel free to contact us.

Very truly yours,



J. W. Williams, Jr.
Group Vice President
Nuclear Energy

JWW/RJS/cab

Attachments

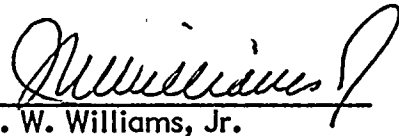
cc: Lyle E. Jerrett, Ph.D, Director
Radiological Health Services
Department of Health & Rehabilitative Services
1323 Winewood Boulevard
Tallahassee, Florida 32301

STATE OF FLORIDA)
)
COUNTY OF DADE) ss.

J. W. Williams, Jr. being first duly sworn, deposes and says:

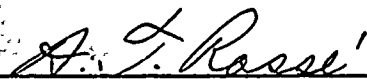
That he is a Group Vice President of Florida Power & Light Company, the Licensee herein;

That he has executed the foregoing document; that the statements made in this 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.



J. W. Williams, Jr.

Subscribed and sworn to before me this
22 day of October, 1985.



NOTARY PUBLIC, in and for the County
of Dade, State of Florida

My Commission expires: _____
NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXP. DEC 27, 1987
BONDED THRU GENERAL INS. UND.

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MAY 10 1943
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.