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TO: Mr. V. Stello

FROM: FPL  
Miami, Fla. 33101  
R. E. Uhrig

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DESCRIPTION Ltr notarized 7-9-76 requests for change to OL/DPR-67/Tech Specs & trans the following:

ENCLOSURE Proposed Tech Speck Change Page 3/4 4 1-22 & Safety Evaluation ....

(40 cys encl rec'd)

PLANT NAME: St. Lucie Unit 1

**ACKNOWLEDGED**

**Do Not Remove**

SAFETY

FOR ACTION/INFORMATION

ENVIRO

DHL 7-16-76

ASSIGNED AD:

ASSIGNED AD:

BRANCH CHIEF: (6) Ziemann  
 PROJECT MANAGER: Silver  
 LIC. ASST.: Diggs

BRANCH CHIEF:  
 PROJECT MANAGER:  
 LIC. ASST.:

INTERNAL DISTRIBUTION

ON

REG-FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY & SYSTEMS
<input checked="" type="checkbox"/> NRC-PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
<input checked="" type="checkbox"/> I. & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
<input checked="" type="checkbox"/> OELD		LAINAS	
<input checked="" type="checkbox"/> GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH
MIPC	MACCARRY	KIRKWOOD	ERNST
CASE	KNIGHT		BALLARD
HANAUER	SIHWEIL	OPERATING REACTORS	SPANGLER
HARLESS	PAWLICKI	STELLO	
			SITE TECH
<input checked="" type="checkbox"/> PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
BOYD	ROSS	<input checked="" type="checkbox"/> EISENHUT	STEPP
P. COLLINS	NOVAK	<input checked="" type="checkbox"/> SHAO	HULMAN
HOUSTON	ROSZTOCZY	<input checked="" type="checkbox"/> BAER	
PETERSON	CHECK	<input checked="" type="checkbox"/> BUTLER	SITE ANALYSIS
MELTZ		<input checked="" type="checkbox"/> GRIMES	VOLLMER
HELTEMES	AT & I		BUNCH
SKOVHOLT	SALTZMAN		<input checked="" type="checkbox"/> J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Ft. Pierce, Fla. NAT LAB:  
 TIC: REG. VIE BROOKHAVEN NAT LAB  
 NSIC: LA PDR ULRIKSON(ORNL)  
ASLB: CONSULTANTS  
 ACRS/6CYS SENT To L.A.

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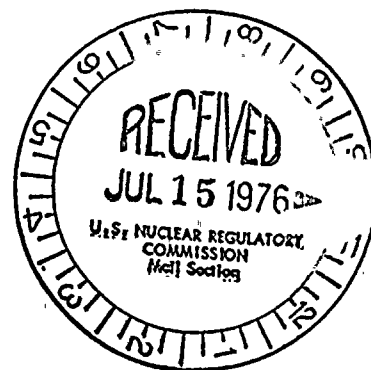
July 9, 1976

L-76-255  
Regulatory Docket File

Office of Nuclear Reactor Regulation  
Attention: Mr. Victor Stello, Director  
Division of Operating Reactors  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Stello:

Re: St. Lucie Unit 1  
Docket No. 50-335  
Proposed Amendment to  
Facility Operating License DPR-67



In accordance with 10 CFR 50.30, Florida Power and Light Company submits herewith three (3) signed originals and forty (40) copies of a request to amend Appendix A of Facility Operating License DPR-67.

This submittal proposes a revision to Technical Specification 4.1.3.1.3. The proposed change is as described below and as shown on the accompanying Technical Specification page bearing the date of this letter in the lower right hand corner.

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The CEA Block Circuit surveillance requirements are revised.

The proposed amendment has been reviewed and the conclusion reached that it does not involve a significant hazards consideration; therefore, prenoticing pursuant to 10 CFR 2.105 should not be required. A written safety evaluation is attached.

Very truly yours,

Robert E. Uhrig  
Vice President

REU/MAS/cpc

Attachment

cc: Mr. Norman C. Moseley  
Jack R. Newman, Esquire

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FULL LENGTH CEA POSITION (Continued)

Regulatory Docket File

LIMITING CONDITION FOR OPERATION (Continued)

- f. With more than one full length CEA inoperable or misaligned from any other CEA in its group by 15 inches (indicated position) or more, be in HOT STANDBY within 6 hours.

SURVEILLANCE REQUIREMENTS

4.1.3.1.1 The position of each full length CEA shall be determined to be within 7.5 inches (indicated position) of all other CEAs in its group at least once per 12 hours except during time intervals when the Deviation Circuit and/or CEA Block Circuit are inoperable, then verify the individual CEA positions at least once per 4 hours.

4.1.3.1.2 Each full length CEA not fully inserted shall be determined to be OPERABLE by movement of at least 7.5 inches in any one direction at least once per 31 days.

4.1.3.1.3 The CEA Block Circuit shall be demonstrated OPERABLE at least once per 31 days by a functional test which verifies that the circuit prevents any CEA from being misaligned from all other CEAs in its group by more than 7.5 inches (indicated position).

4.1.3.1.4 The CEA Block Circuit shall be demonstrated OPERABLE at each refueling interval by a functional test which verifies that the circuit maintains the CEA group overlap and sequencing requirements of Specification 3.1.3.6.

## SAFETY EVALUATION

### Introduction

This evaluation discusses a proposed revision to the CEA Block Circuit surveillance requirements of Technical Specification 4.1.3.1.3.

### Discussion

The current Specification requires a functional test at least once per 31 days to verify that the CEA Block Circuit maintains the CEA overlap and sequencing requirements of Specification 3.1.3.6. However, performance of CEA overlap and sequencing tests at power on a 31 day basis would generate undesirable axial flux changes and unnecessarily enhance xenon transients. Power level would have to be reduced to less than 20% rated power for the period of time necessary to borate and deborate thereby reducing plant availability. Optimum operating characteristics are attained by maintaining CEA groups withdrawn as much as possible. Therefore, it is proposed that the functional test required by Specification 4.1.3.1.3 be changed to one which verifies that the circuit prevents any CEA from being misaligned from all other CEAs in its group by more than 7.5 inches (indicated position).

A new Specification 4.1.3.1.4 has been added to retain the requirement for a functional test to verify CEA overlap and sequencing requirements, however, it is proposed that the test be performed at each refueling interval rather than once per 31 days. This would provide a separate surveillance of the CEA Block Circuit beyond the monthly verification described in Specification 4.1.3.1.3, but would do so without subjecting the reactor to non-optimum core profiles.

### Conclusion

Based on these considerations, (1) the proposed change does not increase the probability or consequences of accidents or malfunctions of equipment important to safety and does not reduce the margin of safety as defined in the basis for any technical specification, therefore, the change does 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 this amendment will not be inimical to the common defense and security or to the health and safety of the public.

STATE OF FLORIDA    )  
                          )    ss.  
COUNTY OF DADE    )

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


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

That he has executed the foregoing document; that the state-  
ments 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 9<sup>th</sup> day of July, 1976

  
\_\_\_\_\_  
Notary Public, in and for the County of Dade,  
State of Florida

NOTARY PUBLIC STATE OF FLORIDA AT LARGE  
MY COMMISSION EXPIRES NOV. 30 1979  
BONDED THRU GENERAL INS. UNDERWRITERS

My commission expires: \_\_\_\_\_

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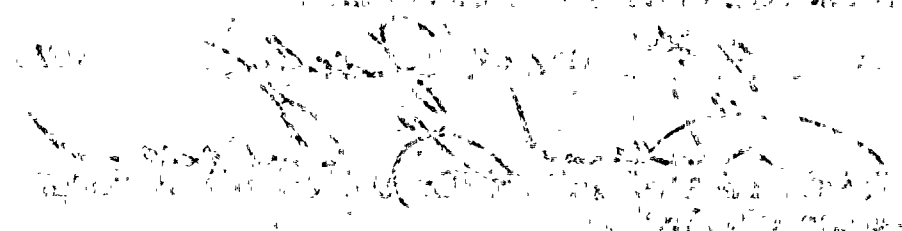
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