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TO:
MR V STELLO

FROM: FLORIDA POWER & LIGHT CO.
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LTR RE THEIR 4-27-76 SUBMITTAL.... PROPOSED
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ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: **ST. LUCIE # 1**

**2 Pp
1 ENCL**

SAFETY

FOR ACTION/INFORMATION

ENVIRO **6-18-76 RB**

ASSIGNED AD:	
BRANCH CHIEF:	(6) Kniel
PROJECT MANAGER:	
LIC. ASST.:	(17) J. LEE

ASSIGNED AD:	
BRANCH CHIEF:	
PROJECT MANAGER:	
LIC. ASST.:	

INTERNAL DISTRIBUTION

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

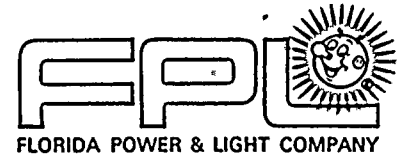
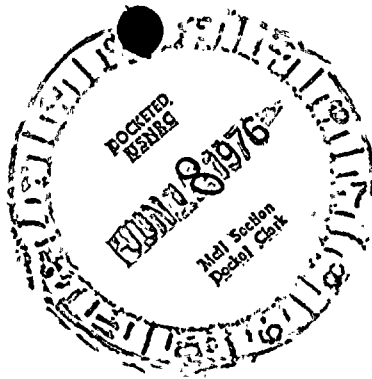
EXTERNAL DISTRIBUTION

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ASLB	CONSULTANTS	
ACRS (6 HOLDING) SENT		

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June 15, 1976

L-76-223

Director 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: **Regulatory Docket File**

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



On April 27, 1976, Florida Power and Light Company submitted a proposed interim Technical Specification amendment based on a reduced reactor coolant flow rate of 354,000 gpm. The proposed change was intended to permit continuation of the St. Lucie Unit 1 power ascension program.

As described in our letter L-76-218 of June 14, 1976, Combustion Engineering (C-E) has found coding errors in their STRIKIN II (ECCS) Code. As a result, C-E has performed a preliminary calculation using a corrected version of the STRIKIN II Code to establish a conservative estimate of the maximum allowable linear heat generation rate (LHGR). The calculation incorporated all low flow parameters and resulted in a maximum allowable LHGR of 13.7 kw/ft at 100% rated power. A penalty of 1 kw/ft was subsequently assumed which reduces this limit to 12.7 kw/ft. Because this calculation incorporated all the low flow parameters, three of the interim Technical Specifications proposed in our April 27 letter are no longer necessary and are hereby withdrawn. The pages listed below should remain the same as those in our current Technical Specifications.

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Proposed interim specification 4.2.1.4.b.7, which added a flow adjustment factor to the calculation of LHGR, is no longer necessary. The affects of low flow are now included in the preliminary LHGR limit.

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Director of Nuclear Reactor Regulation
Attention: Mr. Victor Stello, Director
Page Two
June 15, 1976

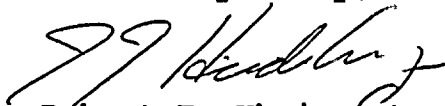
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The revision to Figure 3.2-2 to accommodate reduced flow is no longer required because the entire curve is reduced by Technical Specification 4.2.1.3.c. The above mentioned LHGR of 12.7 kw/ft is administratively imposed on Figure 3.2-1.

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The affects of reduced flow are now included in the preliminary LHGR limit, therefore, it is no longer necessary to include a discussion of an interim flow factor in the Bases.

Yours very truly,


Robert E. Uhrig *RU*
Vice President

REU/MAS/cpc

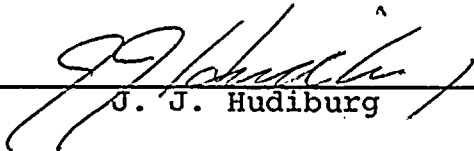
cc: Mr. Norman C. Moseley
Jack R. Newman, Esq.

STATE OF FLORIDA)
) ss.
COUNTY OF DADE)

J. J. Hudiburg, being first duly sworn, deposes and says:

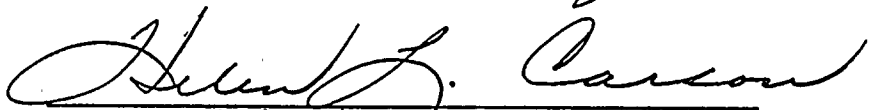
That he is an Executive Vice President of Florida Power & Light Company, the Licensee herein;

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.

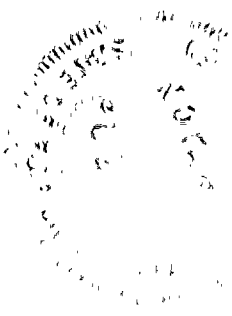


J. J. Hudiburg

Subscribed and sworn to before me
this 15th day of June, 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
My commission expires: _____ BONDED THRU GENERAL INS. UNDERWRITERS



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MAY 15 1952
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.