

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO:  
Mr. Victor StelloFROM:  
Florida Power & Light Company  
Miami, Florida  
Mr. Robert E. UhrigDATE OF DOCUMENT  
6/15/76DATE RECEIVED  
6/16/76☒ LETTER  
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PROP

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## DESCRIPTION

Ltr. w/attached notorized document dated 6/15/76 re their 4/27/76 ltr. & their 6/14/76 ltr..... concerning proposed amdt. to facility operating license for DPR-67.

## ENCLOSURE

Plant Name:

(3-P)

St. Lucie #1

ACKNOWLEDGED

DO NOT REMOVE

FOR ACTION/INFORMATION 6/17/76

RJL

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST.:

ZIEMANN (6)

DIGGS

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST.:

## INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	ENVIRO TECH
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ERNST
<input checked="" type="checkbox"/> -I-&-E (2)	SCHROEDER	BEHARROYA	PALLARD
<input checked="" type="checkbox"/> OELD		LAINAS	SPANGLER
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<input checked="" type="checkbox"/> MIPC	MCCARY		SITE TECH
<input checked="" type="checkbox"/> CASE	KNIGHT	OPERATING REACTORS	GAMMILL
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	RUTBERG	ANALYSIS	
		DENTON & MULLER	

## EXTERNAL DISTRIBUTION

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<input checked="" type="checkbox"/> ASLB	CONSULTANTS	
<input checked="" type="checkbox"/> ACNS/6 HOLDINGS/SENT	DIGGS	

CONTROL NUMBER

6111

Trial	Control	MCI	AD
1	95	85	75
2	95	85	75
3	95	80	70
4	95	78	68
5	95	75	65

Figure 1. Schematic representation of the experimental design.

Figure 1 is a schematic representation of the experimental setup. It shows a subject seated at a table, looking at a video screen. A video camera is positioned above the screen. A horizontal bar is placed between the subject and the screen. The screen displays a target (a small circle) and a starting point (a larger circle). The subject's hand is positioned at the starting point. The distance between the starting point and the target is labeled 'D'. The distance between the starting point and the video camera is labeled 'L'. The distance between the video camera and the video screen is labeled 'L\_s'. The distance between the video screen and the target is labeled 'D\_s'. The distance between the starting point and the target is labeled 'D'.

2 1 3

307

4. 3

[illegible]

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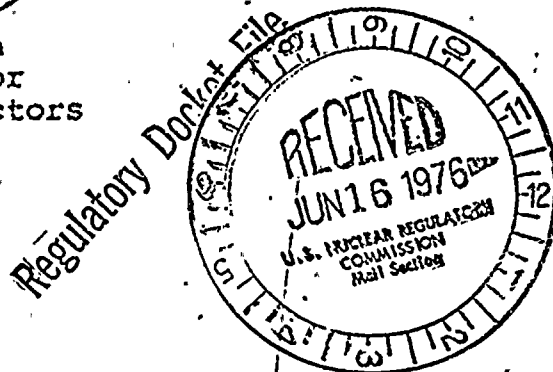
June 15, 1976

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:

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.

6111



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

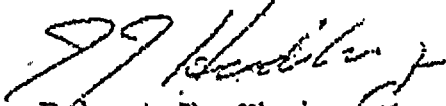
Page 3/4 2-4

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  
Vice President

RED/MAS/cpc

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

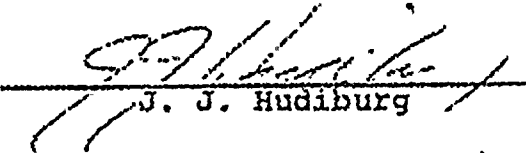
STATE OF FLORIDA )  
COUNTY OF DADE )

ss.

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 15<sup>th</sup> 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. 10 1979  
BONDED THRU GENERAL INS. UNDERWRITERS

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