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 AUTH. NAME: UHRIG, R.E. AUTHOR AFFILIATION: FLORIDA POWER & LIGHT CO.
 RECIP. NAME: STELLO, V. RECIPIENT AFFILIATION: *DIV. OF OPERATING REACTORS

DOCKET #
05000335

SUBJECT: Request to amend app A of Facility Operating License
 DPR-67. Revises setpoint for reactor trip on high containment
 pressure to current applicable value of less than 3.3 psig.
 W/Safety Evaluation, Certificate of Svc & amend fee.
W/CHECK FOR \$1,200.00.

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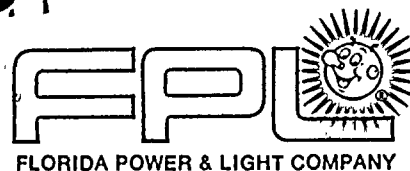
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January 8, 1979
L-79-5

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 No. 1
Docket No. 50-335
Proposed Amendment to
Facility Operating License DPR-67

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

The proposed amendment is being submitted to revise the setpoint for the reactor trip on high containment pressure to the current applicable value of < 3.3 psig. This proposal will complete the corrective action reported in Licensee Event Report 335-78-16, dated June 9, 1978. The proposed amendment is shown on the attached Technical Specification page bearing the date of this letter in the lower right hand corner.

Page 2-4

The proposed revision to Table 2.2-1, Reactor Protective Instrumentation Trip Setpoint Limits, changes the Trip Setpoint and Allowable Values of Containment Pressure-High to ≤ 3.3 psig.

A written Safety Evaluation is attached. FPL has determined that this is a Class II amendment in accordance with 10 CFR 170.22. A check in the amount of \$1,200 is enclosed.

The proposed amendment has been reviewed by the St. Lucie Plant Facility Review Group and the Florida Power & Light Company Nuclear Review Board. They have determined that the proposed change does not involve an unreviewed safety question.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Robert E. Uhrig', is written over the typed name.

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/WAK/cpc
Enclosures
cc: Mr. James P. O'Reilly, Region II
Harold F. Reis, Esquire

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App'l
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w/check
\$1,200.00
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TABLE 2.2-1

REACTOR PROTECTIVE INSTRUMENTATION TRIP SETPOINT LIMITS

<u>FUNCTIONAL UNIT</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUES</u>
1. Manual Reactor Trip	Not Applicable	Not Applicable
2. Power Level - High (1) Four Reactor Coolant Pumps Operating	$\leq 9.61\%$ above THERMAL POWER, with a minimum setpoint of 15% of RATED THERMAL POWER, and a maximum of $\leq 107.0\%$ of RATED THERMAL POWER.	$\leq 9.61\%$ above THERMAL POWER, and a minimum setpoint of 15% of RATED THERMAL POWER and a maximum of $\leq 107.0\%$ of RATED THERMAL POWER.
3. Reactor Coolant Flow - Low (1) Four Reactor Coolant Pumps Operating	$> 95\%$ of design reactor coolant flow with 4 pumps operating*	$> 95\%$ of design reactor coolant flow with 4 pumps operating*
4. Pressurizer Pressure - High	≤ 2400 psia	≤ 2400 psia
5. Containment Pressure - High	≤ 3.3 psig	≤ 3.3 psig
6. Steam Generator Pressure - Low (2)	≥ 485 psig	≥ 485 psig
7. Steam Generator Water Level -Low	$\geq 37.0\%$ Water Level - each steam generator	$\geq 37.0\%$ Water Level - each steam generator
8. Local Power Density - High (3)	Trip setpoint adjusted to not exceed the limit lines of Figures 2.2-1 and 2.2-2	Trip set point adjusted to not exceed the limit lines of Figures 2.2-1 and 2.2-2.

*Design reactor coolant flow with 4 pumps operating is 370,000 gpm.

1/8/79



Re: St. Lucie Unit 1
Docket No. 50-335
Reactor Trip Setpoint
Containment Pressure-High

SAFETY EVALUATION

I. INTRODUCTION

Shortly after Cycle 1 shutdown, the NSSS vendor noted (in a letter regarding core Cycle 2 Specifications) that the reactor protective instrumentation trip setpoint for "containment pressure - high" (T.S. Table 2.2-1) appeared to be in error. During the refueling outage, records were reviewed and it was found that the vendor had recommended a setpoint change shortly before St. Lucie Unit 1 was licensed. The setpoint change was incorporated into the Final Safety Analysis Report, but was inadvertently omitted from the Technical Specifications. The setpoint in Table 2.2-1 is ≤ 3.9 psig, and the actual Cycle 1 operating setpoint was "conservatively" set at ≤ 3.5 psig. The vendor was requested to provide further information, and, as a precaution before Cycle 2 reactor startup after refueling, the actual operating setpoint was reduced to ≤ 3.3 psig (as recommended by the vendor). On May 26, 1978, the vendor confirmed that the required setpoint is ≤ 3.3 psig.

II. EVALUATION

The NSSS vendor has confirmed that the correct reactor protective instrumentation trip setpoint for "containment pressure - high" is ≤ 3.3 psig. The value of the setpoint was generated in accordance with the vendor's setpoint methodology document (CEN (P) D-199), and is discussed in Section 15.1.3 of the Final Safety Analysis Report.

The proposed amendment will revise the reactor protective instrumentation trip setpoint for "containment pressure - high" to the current applicable value of ≤ 3.3 psig.

III. CONCLUSIONS

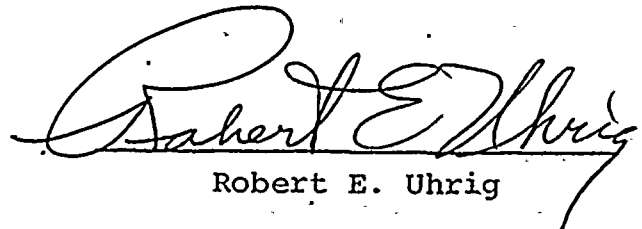
We have concluded, based on the considerations discussed above, that: (1) because the proposed amendments do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the amendments do not involve 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 these amendments will not be inimical to the common defense and security or to the health and safety of the public.

STATE OF FLORIDA)
)
COUNTY OF DADE) ss.

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 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

8th day of January, 1979

Betty Brittain
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 MARCH 27, 1982
BONDED THRU MAYNARD BONDING AGENCY



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COMPANY: FL PWR & LIGHT
SUBJECT:

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Forwards proposed amend to Append A of Facil Oper Lic#DPR-67 to support extension of safety injection tanks' sample room during Apr 1979 refueling.

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