

April 4, 1978  
L-78-119

**REGULATORY DOCKET FILE COPY**

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

US NRC  
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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 (FPL) submits herewith three (3) signed originals and forty (40) copies of a request to amend Appendix A of Facility Operating License DPR-67.

In Supplement 2 to the St. Lucie Unit 1 Safety Evaluation Report, the NRC Staff required FPL to provide a suitable means of humidity control in the event of a single failure in the shield building ventilation system (SBVS). This requirement was formally imposed as Condition I.2 of Operating License DPR-67. To satisfy Condition I.2, the installation of SBVS auxiliary heaters has been scheduled for the first refueling outage (Spring 1978). A corresponding Surveillance Requirement is being proposed for addition to Technical Specification 4.6.6.1.a.

The proposed amendment is described below and shown on the accompanying Technical Specification page bearing the date of this letter in the lower right hand corner.

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Surveillance Requirement 4.6.6.1.a is revised to include testing of SBVS auxiliary heaters.

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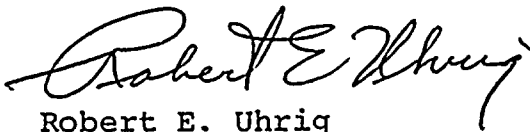
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Since the proposed technical specification is being submitted in conjunction with the installation of these heaters as required by the Commission in its Safety Evaluation Report for St. Lucie 1 and Condition of License I.2, FPL believes that this amendment falls in the category described by Footnote 2 of 10 CFR 170.22 and is therefore exempt from the facility license amendment fee schedule.

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

Very truly yours,



Robert E. Uhrig  
Vice President

REU/MAS/lc  
Attachment

cc: Mr. James P. O'Reilly, Region II  
Harold F. Reis, Esquire  
Mr. Peter B. Erickson

## CONTAINMENT SYSTEMS

### 3/4.6.6 SECONDARY CONTAINMENT

#### SHIELD BUILDING VENTILATION SYSTEM

##### LIMITING CONDITION FOR OPERATION

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3.6.6.1. Two independent shield building ventilation systems shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3 and 4.

##### ACTION:

With one shield building ventilation system inoperable, restore the inoperable system to OPERABLE status within 7 days or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

##### SURVEILLANCE REQUIREMENTS

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4.6.6.1 Each shield building ventilation system shall be demonstrated OPERABLE:

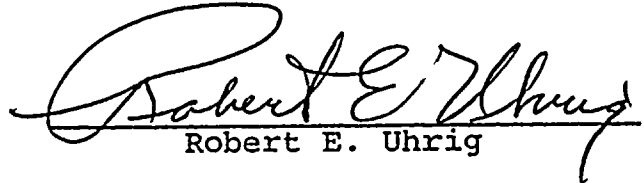
- a. At least once per 31 days on a STAGGERED TEST BASIS by initiating, from the control room, flow through the HEPA filter and charcoal adsorber train and verifying that the train operates for at least 15 minutes with the heaters on.
- b. At least once per 18 months or (1) after any structural maintenance on the HEPA filter or charcoal adsorber housings, or (2) following painting, fire or chemical release in any ventilation zone communicating with the system by:
  1. Verifying that the charcoal adsorbers remove  $\geq 99\%$  of a halogenated hydrocarbon refrigerant test gas when they are tested in-place in accordance with ANSI N510-1975 while operating the ventilation system at a flow rate of 6000 cfm  $\pm 10\%$ .
  2. Verifying that the HEPA filter banks remove  $\geq 99\%$  of the DOP when they are tested in-place in accordance with ANSI N510-1975 while operating the ventilation system at a flow rate of 6000 cfm  $\pm 10\%$ .

STATE OF FLORIDA     )  
                              )  
COUNTY OF DADE     )     ss.

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

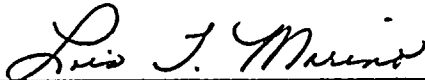
That he is a Vice President of Florida Power & Light Company, the Licensee herein;

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

4th day of April, 1978



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 AUGUST 24, 1981  
BONDED THRU MAYNARD BONDING AGENCY

*[Faint handwritten notes and scribbles]*

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