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 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co.      05000335  
 AUTH. NAME      AUTHOR AFFILIATION  
 URRIG, R.E.      Florida Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 CLARK, R.A.      Operating Reactors Branch 3

SUBJECT: Forwards responses to addl info requested in 830421 safety evaluation on environ qualification of safety-related electrical equipment.

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 TITLE: OR/Licensing Submittal: Equipment Qualification

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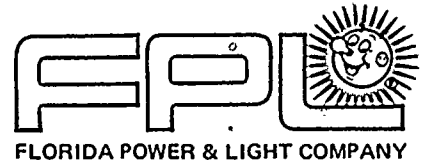
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May 25, 1983  
L-83-326

Office of Nuclear Reactor Regulation  
Attention: Mr. Robert A. Clark, Chief  
Operating Reactors Branch #3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Clark:

Re: St. Lucie Unit 1  
Docket No. 50-335  
Environmental Qualification of  
Safety Related Electrical Equipment

Your letter of April 21, 1983 contained the NRC Safety Evaluation on Environmental Qualification of Safety Related Electric Equipment and the attached Franklin Research Center Technical Evaluation Report for St. Lucie Unit 1. That letter requested that Florida Power & Light provide additional information on equipment qualification. The attachment to this letter contains our response to your request.

We trust that this information will aid the NRC staff in their review.

Very truly yours,

A handwritten signature in cursive script that reads "Robert E. Uhrig".

Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/PKG/cab

Attachment

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

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ST. LUCIE UNIT NO. 1  
DOCKET NO. 50-335  
ELECTRICAL EQUIPMENT QUALIFICATION  
10CFR50.49

1. NRC REQUEST

Submit JCO's for Category II.B items, not previously provided.

FPL RESPONSE

Nine new items were placed in Category II.B requiring JCO's. FPL's letter of May 5, 1983 (L-83-285) fully responded to this request by providing appropriate information for the nine Fisher and Porter transmitters.

2. NRC REQUEST

Provide plans for qualification or replacement of equipment in NRC Categories I.B, II.A, II.B, and IV.

FPL RESPONSE

As required by 10CFR50.49, this information was provided on May 20, 1983 (see FPL letter L-83-314).

3. NRC REQUEST

Ensure that a JCO exists for all equipment which may not be qualified.

FPL RESPONSE

Appendix D of the Technical Evaluation Report provides a technical review of FPL JCO's submitted in the 90-day response to an earlier staff Safety Evaluation Report. A review of the Technical Evaluation Report identified only three new items that needed to be addressed. These three items (77, 180, 181) have either been qualified or replaced with fully qualified equipment. As such, there is no need to submit additional JCO's.

4. NRC REQUEST

Reaffirm previously submitted JCO's.

FPL RESPONSE

The Franklin Research Center Technical Evaluation Report found that "The Licensee's response to the Safety Evaluation Report addressed and provided resolution of deficiencies identified in the Safety Evaluation Report and provided adequate rationale as a basis for justification for interim operation". FPL concurs with these findings, and as discussed in 3. above, no JCO's are required as a result of newly identified equipment.

5. NRC REQUEST

Discuss methods used to identify equipment covered by 10CFR50.49.

FPL RESPONSE

The methods used to identify equipment covered by 10CFR50.49(b)(1) and (2) was provided in our "Response to IEB 79-01B SER", September 30, 1981. As equipment is installed in accordance with the TMI Action Plan and Regulatory Guide 1.97 Rev. 2, it will be added to the master list of equipment requiring qualification, per 10CFR50.49(b)(3).

6. NRC REQUEST

Identify pages in the Technical Evaluation Report requiring proprietary protection.

FPL RESPONSE

FPL is in the process of obtaining the necessary affidavits confirming that proprietary information is contained on the Technical Evaluation Report pages. This information will be provided to the NRC when available.