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FACIL:50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
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UHRIG,R.E. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
EISENHUT,D.G. Assistant Director for Licensing

SUBJECT: Requests amend to App A of License DPR-67.Proposal responds to Condition Q of Encl 1 to OL & suppls 790209 submittal. Safety evaluation encl.

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FLORIDA POWER & LIGHT COMPANY

January 19, 1981
L-81-20

Office of Nuclear Reactor Regulation
Attention: Mr. Darrell G. Eisenhut, Director
Division of Licensing
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

In accordance with 10 CFR 50.30, Florida Power & Light Company submits herewith three (3) signed originals and forty (40) conformed copies of a request to amend Appendix A of Facility Operating License DPR-67. This proposal is being made in response to Condition Q of Enclosure 1 to the operating license, and supplements an earlier submittal dated February 9, 1979 (L-79-37).

Page 6-16b

New Specification 4.6.2.2.d is added to require flow path verification testing of the NaOH containment spray additive system on a once per 5 year basis.

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
Advanced Systems & Technology

REU/MAS/TCG/ah

Attachment

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

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SAFETY EVALUATION

Re: St. Lucie Unit 1
Docket No. 50-335
Spray Additive Flow Path Verification (NaOH)

I. Introduction

This evaluation supports the proposed addition of Technical Specification surveillance requirement 4.6.2.2.d. The additional surveillance is being proposed in response to Condition Q of Enclosure 1 to Operating License DPR-67. Condition Q was established by Amendment 26 dated May 23, 1978.

II. Discussion

New specification 4.6.2.2.d is added to require flow path verification testing of the NaOH Containment Spray Additive System on a once per five year basis. The flow path verification would consist of a two step process with each step involving flow rate measurement. First, NaOH would be allowed to flow from the NaOH Spray Additive Tank to a test connection immediately downstream of the tank outlet valve where flow rate would be measured. After this first flow rate measurement, the initial section of test line would be flushed and demineralized water injected (at the test connection) into the Containment Spray System where a second flow rate measurement would be made. Any modifications needed to support the proposed flow rate testing to flow path verification will be made before the end of the first surveillance interval. Flow rate testing represents additional surveillance and provides additional assurance that the spray additive system will maintain operability.

III. Conclusions

The new specification provides additional surveillance. As such, it provides added reliability for the spray additive system and thus tends to increase margins of safety. Based on the considerations discussed above, (1) the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, (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 this amendment will not be inimical to the common defense and security or to the health and safety of the public.