



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 66

TO FACILITY OPERATING LICENSE NO. DPR-67

FLORIDA POWER & LIGHT COMPANY

ST. LUCIE PLANT, UNIT NO. 1

DOCKET NO. 50-335

Background

The licensee, Florida Power and Light Company, by letter dated May 6, 1981 and supplemented by letter dated December 22, 1982, submitted amendments to Appendix A of Facility Operating License No. DPR-67. These changes were requested due to the recently completed fire protection modifications made at St. Lucie Unit 1 and involve Section 3.3:3.7 Table 3.3-10; Sections 3.7.11.1 and 3.7.11.2, including Table 3.7-3; and Sections 4.7.11.2, 4.7.11.3, 3.7.11.4, and 4.7.11.4 of the technical specifications for St. Lucie Unit 1. The licensee has proposed the following technical specification changes:

1. Revise the number of fire detectors listed in Table 3.3-10 to include recently installed detectors and increase the total number of detectors required to be operable per detector zone to approximately 50% of the detectors installed in the zone;
2. Revise Section 3.7.11.1.c to require the fire protection water supply system to be maintained operable up to the last valve ahead of the sprinkler or hose standpipe system;
3. Revise Section 3.7.11.2.a to include the action to be taken when one or more of the required fire hose stations are inoperable;
4. Revise Table 3.7-3 to include another hose station located in the cable spreading room;
5. Revise Section Table 4.7.11.2.c-2 to require the fire hose installed on exterior fire hose stations to be hydrostatic tested yearly;
6. Add Sections 3/4.7.11.3 and Table 3.7-4 which indicate the exterior fire hydrants required to be operable, action required when hydrants are inoperable, and surveillance requirements for the hydrants; and

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7. Add Sections 3/4.7.11.4, which indicate the sprinkler systems required to be operable, action required when systems are inoperable and surveillance requirements for the sprinkler systems.

Discussion

The licensee's proposed technical specification changes indicate the fire protection systems for safety related areas that are to be maintained operable, actions required when systems are inoperable, and surveillance requirements to assure that the systems are demonstrated operable at a specified frequency. These changes are consistent with the content and format of the Standard Technical Specifications and requirements of 10 CFR 50.36. Based on this, the staff finds the licensee's proposed changes to the Technical Specifications to be acceptable.

Environmental Consideration

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) 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.

Date: May 1, 1984

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