



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 30 TO FACILITY OPERATING LICENSE NPF-12

SOUTH CAROLINA ELECTRIC & GAS COMPANY

SOUTH CAROLINA PUBLIC SERVICE AUTHORITY

VIRGIL C. SUMMER NUCLEAR STATION, UNIT 1

I. INTRODUCTION

By letter dated November 16, 1983, South Carolina Electric and Gas Company (SCE&G) requested a change to Technical Specification Table 3.8-1, "Containment Penetration Conductor Overcurrent Protective Device Test Setpoint Criteria." The amendment would add additional protective devices and make two administrative corrections.

II. EVALUATION

The protective devices to be added are for eddy current brakes which are being added to the non-safety reactor building cooling unit fan motors. The response time of ≤ 100 sec. for the primary protective devices is commensurate with a test setpoint of 45 amps. There is no response time required for the backup protective devices since they are fuses. The staff finds that these protection devices are acceptable. The staff has reviewed the two administrative corrections and finds them acceptable. Therefore, the staff concludes that the requested amendment is acceptable.

III. ENVIRONMENTAL CONSIDERATION

This amendment involves a change in the installation of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Sec 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

IV. CONCLUSION

The Commission made a proposed determination that the amendment involves no significant hazards consideration which was published in the Federal Register (49 FR 3354) on January 26, 1984, and consulted with the state of South Carolina. No public comments were received, and the state of South Carolina did not have any comments.

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.

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Dated: October 24, 1984

October 24, 1984

AMENDMENT NO. 30 TO FACILITY OPERATING LICENSE NO. NPF-12 - Virgil C. Summer Unit 1

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