



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 49 TO FACILITY OPERATING LICENSE NO. DPR-70

PUBLIC SERVICE ELECTRIC AND GAS COMPANY,  
PHILADELPHIA ELECTRIC COMPANY,  
DELMARVA POWER AND LIGHT COMPANY, AND  
ATLANTIC CITY ELECTRIC COMPANY

SALEM NUCLEAR GENERATING STATION, UNIT NO. 1

DOCKET NO. 50-272

Introduction

By letter dated June 22, 1982, Public Service Electric and Gas Company (the licensee) requested that the wording of Technical Specifications for Salem Unit 1 pertaining to the protection of fire barrier penetrations, be revised so as to be the same as the Technical Specification for Salem Unit 2.

Evaluation

The changes requested for Salem Unit 1 would permit the licensee to compensate for a non-functional fire barrier penetration by one of two actions, i.e., establishing a continuous fire watch on at least one side of the affected penetration or by verifying the operability of fire detectors on at least one side of the non-functional barrier and establishing an hourly fire patrol. The requested revision would also set time limits for restoring the functional capability of the fire barrier penetration and for reporting the loss of functional capability.

These conditions have already been approved and made part of the Technical Specifications for Salem Unit 2. The revised Technical Specifications also increase the protection afforded fire barrier penetrations by setting time limitations for restoration of the functional capability of affected penetrations. For these reasons, we find the licensee's requested 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) because the amendment does not involve a significant increase in the probability or consequences of an accident previously evaluated, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration, (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.

Dated: November 5, 1982

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