



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 56 TO FACILITY OPERATING LICENSE NO. DPR-70
AND AMENDMENT NO. 24 TO FACILITY OPERATING LICENSE NO. DPR-75

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

SALEM NUCLEAR GENERATION STATION, UNIT NOS. 1 AND 2
DOCKET NOS. 50-272 AND 50-311

INTRODUCTION

On March 28, 1983, Public Service Electric and Gas Company (PSE&G) submitted an amendment change request which would (1) add existing manual initiation functions for the auxiliary feedwater systems to the appropriate Engineered Safety Feature Tables in the Technical Specifications, and (2) change the Containment Systems Air Locks Surveillance requirement in the Technical Specifications. This change would reduce the air lock seal testing pressure, as allowed by a change in the regulations, for those cases where the air locks are being frequently opened. Specifically, the surveillance requirement would be changed to read:

"After each opening, except when the airlock is being used for multiple entries, then at least once per 72 hours, prove gasket integrity by pressurizing the volume between door gaskets to 10 psig and checking for an extrapolated seal leakage rate equal to or less than 0.01 La."

The present test pressure is 47.0 psig, the peak accident pressure.

On February 6, 1984, PSE&G submitted two pages of Technical Specifications that were inadvertently left out of the March 28, 1983 package.

EVALUATION AND SUMMARY

Change (1) adds the Manual Initiation function for the Auxiliary Feedwater System to the scope of the Engineered Safety Feature Actuation System instrumentation. This action satisfies our position, requirement No. 5 of NUREG-0737 Item II.E.1.2, and responds to our letter dated December 22, 1982, where we requested that the manual initiation function be added to the Technical Specifications. We have reviewed the specification changes to assure adequacy and conclude that the changes are acceptable.

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Change (2) would allow for air locks, a "between the seals test pressure" of 10 psig when testing for seal leakage during periods when the air locks are frequently opened. The present Technical Specifications require a test pressure of 47.0 psig which is the peak accident pressure. 10 CFR 50 Appendix J has recently been changed to allow test pressures other than the peak accident pressure to be substituted when testing air lock seal during periods of frequent openings. Since change (2) conforms to this change in the regulation, the staff has determined that the action is acceptable.

ENVIRONMENTAL CONSIDERATION

This amendment involves a change in the installation of use of a facility component located within the restricted area. The staff has determined that the amendment involves no significant increase in the amounts of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupation 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 (or the Commission has made a final no significant hazards consideration finding with respect to this amendment). Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Section 51.22(c)(9). Pursuant to 10 CFR 50.22(b) no environmental impact statement or environmental assessment need 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 these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Dated: July 16, 1984

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