



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NOS. 175 AND 156 TO FACILITY OPERATING

LICENSE NOS. DPR-70 AND DPR-75

PUBLIC SERVICE ELECTRIC & GAS COMPANY

PHILADELPHIA ELECTRIC COMPANY

DELMARVA POWER AND LIGHT COMPANY

ATLANTIC CITY ELECTRIC COMPANY

SALEM NUCLEAR GENERATING STATION, UNIT NOS. 1 AND 2

DOCKET NOS. 50-272 AND 50-311

1.0 INTRODUCTION

By letter dated May 2, 1995, the Public Service Electric & Gas Company (the licensee) submitted a request for changes to the Salem Nuclear Generating Station, Unit Nos. 1 and 2, Technical Specifications (TS). The requested changes would eliminate the monthly manual start for auxiliary feedwater that is required in Table 3.3-3, "Engineered Safety Feature Actuation System Instrumentation." The requested changes also eliminate the manual start for auxiliary feedwater from Table 3.3-4 (trip setpoints) and Table 4.3-2 (surveillance requirements).

2.0 EVALUATION

The Salem Nuclear Generating Station, Unit Nos. 1 and 2, are pressurized water reactors designed by Westinghouse Electric Corporation. The TS for these units include requirements for the operability of the auxiliary feedwater (AFW) system and its actuation instrumentation system. Six automatic actuations of the AFW system are included in TS Table 3.3-3. Table 3.3-3 also includes requirements for actuation instrumentation for manual initiation of AFW. The Salem safety analysis, however, does not take credit for manual initiation of AFW. Furthermore, manual initiation of AFW is not included in NUREG-1431, "Standard Technical Specifications - Westinghouse Plants."

Although the proposed change eliminates the monthly manual initiation of AFW, manual initiation of the AFW pumps will still be performed quarterly on a Staggered Test Basis when performing surveillance requirement 4.7.1.2.b. This quarterly test was approved in Amendment 153/134, dated July 27, 1994. Prior to the issuance of these amendments, the AFW pumps were tested monthly. The staff's Safety Evaluation (SE) supporting this change from monthly to quarterly stated that operating and testing experience has indicated that monthly testing of the AFW pumps is not necessary to adequately ensure that

the AFW pumps will perform their intended function. The SE also stated that the reduced testing should reduce AFW system unavailability resulting from failures and equipment degradation and result in increased system reliability.

Therefore, the staff concludes that eliminating the monthly manual initiation of AFW is acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the New Jersey State official was notified of the proposed issuance of the amendments. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

The amendments change a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendments involve 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 the amendments involve no significant hazards consideration, and there has been no public comment on such finding (60 FR 29887). Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 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 the amendments.

5.0 CONCLUSION

The Commission has 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

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