



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 46 TO FACILITY OPERATING LICENSE NO. DPR-70
AND AMENDMENT NO. 11 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

By letter dated October 23, 1981, Public Service Electric and Gas Company (the licensee) submitted a general revision of the Administrative Controls in the Appendix A Technical Specifications for Salem Units 1 and 2. These revisions reflected an impending organizational change at the Salem Nuclear Generating Station in the licensee's corporate structure. Subsequently, the staff was informally advised by the licensee that the proposed reorganization would not be completed until the third quarter of 1982. Based on this information, we postponed action on the October 23, 1981 requests until the reorganization could be implemented.

The present review consisted of a review of selective portions of the licensee's October 23, 1981 that pertain to TMI-related items. These action items, I.A.1.1 and I.A.1.3 in NUREG-0737 "Clarification of TMI Action Plan Requirements" relate to the training of Shift Technical Advisors and new requirements for shift manning. Both items required submittal of appropriate Technical Specifications for staff review. We have extracted these sections for separate review in order to maintain the Commission's approved schedule of these TMI Actions.

Evaluation

Item I.A.1.1 in NUREG-0737 relates to the need for, and qualifications of, an on-shift technical advisor (STA) to the shift supervisor. This position was included as part of the Salem-1 shift crew by Amendment 31 dated January 6, 1981 and was made part of the full-power license for Unit 2 dated May 20, 1981. Subsequently, by letter dated January 11, 1982, the staff advised the licensee that the Technical Specifications for Salem Units 1 and 2 required further revision to show that the STA meets the levels of technical education and training described in NUREG-0737. The licensee responded that this information had been included in the October 23, 1981 letter and recommended development of new Technical Specifications based on that submittal. These Technical Specifications meet the intent of Action Item I.A.1.1 and are acceptable. This completes implementation of this Action Item for both units.

Amendment 31 to the Salem-1 license also updated the shift crew composition for Salem-1 as a result of the licensing and operation of Salem-2. In part, this revision added limitations on overtime work by licensed operators. The subject of overtime has been reviewed further by the NRC and a Commission policy has been developed pertaining to factors causing fatigue of operating personnel. This policy statement was transmitted to the licensee by Generic Letter 82-02 on February 8, 1982. Inasmuch as the overtime requirements in the Salem-1 Technical Specifications are not consistent with the Commission's policy statement and were never included in the Salem-2 Technical Specifications they are being deleted. It is the intent of the staff to provide future guidance relative to development of Technical Specifications based on the Commission policy statement.

NUREG-0737 Item I.A.1.3 also describes the Commission's position on shift manning for normal plant operation. The personnel listed in the current Table 6.2-1 of the Technical Specifications for both units meet the Commission's position. The licensee proposes to revise this Table 6.2-1 in the Unit 1 Technical Specifications to further upgrade the shift crew at Unit 1 by making it equivalent to the crew in Salem-2 Technical Specifications. This revision consists of adding one Maintenance Electrician to each crew when Unit 1 is in Modes 1, 2, 3, and 4. This Electrician may fill the same position on Unit 2. The licensee also proposes to add a third Auxiliary Operator (AO) (non-licensed) to the staff of Unit 1. Unit 2 already lists three AO's. One of the three AO's may fill the same position on Unit 2 such that there are a total of five AO's for both units. These revisions will increase the capability of the shift crew for both units and are acceptable. These changes also make these sections of the Technical Specifications identical for both units. The requirements of NUREG-0737 Item I.A.1.3 "Shift Manning," have now been completed for both units.

Environmental Consideration

We have determined that the amendments do 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 amendments involve an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(1), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendments do not involve a significant increase in the probability or consequences of an accident previously evaluated, do not create the possibility of an accident of a type different from any evaluated previously, and do not involve a significant reduction in a margin of safety, the amendments do 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 be conducted in compliance with the Commission's regulations and the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: September 7, 1982