

APPENDIX A

NOTICE OF VIOLATION

Public Service Electric and Gas Company
Salem Nuclear Generating Station

Docket Nos. 50-272
50-311
License Nos. DPR-70
DPR-75

As a result of the inspection conducted on April 15-26, 1991, and in accordance with "General Statement of Policy and Procedure for NRC Enforcement Actions," 10CFR 2, Appendix C (Enforcement Policy), the following violations were identified:

1. 10CFR 50, Appendix B, Criterion III, requires, in part, that design control measures provide for verifying or checking the adequacy of the design.

Updated Final Safety Analysis Report (UFSAR), Section 17.2.3, "Design Control," states that design verification is performed for verifying or checking the adequacy of design.

Public Service Electric and Gas Company, Procedure DE-AP.ZZ-0010 (Q), "Design Verification," Revision 0, requires that the design verification be performed for verifying or checking the adequacy of design.

Contrary to the above, on April 15, 1991, the Salem Units 1 and 2, Emergency Diesel Generator Load Calculation, S-C-4KV-EDC-0650, Revision 0, was issued without performing any design verification for verifying or checking the adequacy of emergency diesel generators (EDG) loading. Consequently, the calculation contained several discrepancies such as the failure to consider pump runout conditions, cable losses and equipment kW ratings which were not conservatively factored to determine the worst case loading on the EDG.

This is a Severity Level IV Violation (Supplement I).

2. 10CFR 50, Appendix B, Criterion XVI, requires in part that measures be established to assure that conditions adverse to quality, such as deficiencies, deviations, and nonconformances are promptly identified and corrected.

UFSAR, Section 17.2.16, "Corrective Action," states that administrative procedures provide for the timely discovery and correction of nonconformances.

Public Service Electric and Gas Company, Procedure DE-AP.ZZ-0018(Q), "Engineering Discrepancy Control" requires that potential engineering discrepancies be identified on an Discrepancy Evaluation Form to make an initial safety assessment.

Contrary to the above, a known design discrepancy of underrated fuse applications in the 125 Vdc system was not formally identified and corrected in accordance with the established procedures for correcting engineering discrepancies.

This is a Severity Level IV Violation (Supplement I).

Pursuant to the provisions of 10CFR 2.201, Public Service Electric and Gas Company is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region I, and, if applicable, a copy to the NRC Resident Inspector, within thirty days of the date of the letter which transmitted this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include, for each violation: (1) the reason for the Violation, or, if contested, the basis for disputing the violation; (2) the corrective steps that have been taken and the results achieved; (3) the corrective steps which will be taken to avoid further violations; and (4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked, or why such other action, as may be proper, should not be taken. Where good cause is shown, consideration will be given to extending this response time. Under the authority of Section 182 of the Act, 42 U.S.C. 2232, this response shall be submitted under oath or affirmation.