

## NOTICE OF VIOLATION

Public Service Electric and Gas Company  
Salem Nuclear Generating Station  
Units 1 and 2

Docket No: 50-272  
50-311  
License No: DPR-70  
DPR-75

During an NRC inspection conducted on January 2, 1996 to February 7, 1997, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," NUREG-1600, the violations are listed below:

- A. 10 CFR 50, Appendix B, Criterion XVI, requires, in part, that licensees establish measures to assure that conditions adverse to quality, such as failures, malfunctions, deficiencies, deviations, defective materials are promptly identified and corrected. In the case of significant conditions adverse to quality, the measures shall assure that the cause of the condition adverse to quality is determined and corrective actions taken to preclude repetition.

Contrary to the above, on or before February 7, 1997, the NRC identified the following examples where PSE&G's corrective actions were insufficient to address identified deficiencies or to preclude repetition.

1. Performance Improvement Request (PIR) 951230143 identified that the 15A fuses used in the secondary circuit of control power transformers might be too large to protect the circuit.

In their review and resolution of the PIR, the licensee recognized that the fuses did not adequately protect No. 20 AWG wires, but failed to ensure that circuits with No. 20 AWG received adequate overcurrent protection.

2. The licensee issued several PIR 960612148 to address discrepancies they had identified between Calculation ES-13.005 and molded case circuit breaker (MCCB) test procedure SCMD-ST.ZZ-004(Q).

The corrective actions for PIR 960612148, issued to correct discrepancies between the calculation and the procedure, were completed on July 26, 1996, yet two subsequent revisions of the procedure failed to correct the discrepancies. In addition, the licensee's resolution of the above PIR was insufficient to identify all discrepancies between the two documents.

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

- B. 10 CFR 50, Appendix B, Criterion XI, requires, in part, that licensees establish a test program to assure that all testing required to demonstrate that structures, systems, and components will perform satisfactorily in service, is identified and performed in accordance with written test procedures which incorporate the requirements and acceptable limits contained in applicable design documents.

Contrary to the above, on or before February 7, 1997, the NRC identified a test procedure where the licensee failed to incorporate the testing requirements necessary to ensure that the components performed satisfactorily in service. Procedure SC.MD-ST.ZZ-0004(Q) requires that adjustable instantaneous trip devices of thermal-magnetic and magnetic-only breakers be verified. Several breakers (e.g., 2GP14X and 10X and 2EP2X and 3X) had been tested in the thermal region, but not in the instantaneous region.

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

Pursuant to the provisions of 10 CFR 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 a copy to the NRC Resident Inspector at the facility that is the subject of this Notice, within 30 days of the date of the letter transmitting 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 that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to 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 the response time.

Because your response will be placed in the NRC Public Document Room, to the extent possible, it should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. If personal privacy or proprietary information is necessary to provide an acceptable response, then please provide a bracketed copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request withholding of such material, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the bases for your claim of withholding (e.g., explain why the disclosure of information will create an unwarranted invasion of personal privacy or provide the information required by 10 CFR 2.790(b) to support a request for withholding confidential commercial or financial information). If safeguards information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21.

Dated at King of Prussia, Pennsylvania  
this 29th day of April, 1997