

APPENDIX A
NOTICE OF VIOLATION

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

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

During an NRC inspection conducted between August 2, 1998 and September 12, 1998, 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, "Corrective Action," requires in part that significant conditions adverse to quality be promptly identified, with corrective actions implemented to prevent recurrence.

Contrary to the above, on August 20, 1998 it was identified that PSE&G failed to complete required containment penetration breaker functional testing within the time period mandated by Unit 2 technical specification 4.8.3.1.a.2, a significant condition adverse to quality. PSE&G failed to promptly identify this issue following several previous similar discoveries, and failed to implement sufficient corrective actions to prevent the most recent recurrence.

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

- B. Salem Unit 1 technical specification 6.8.1.a requires, in part, that written procedures shall be implemented covering the activities described in Appendix A of Regulatory Guide (RG) 1.33, Revision 2, dated February 1978. RG 1.33 requires procedures for maintenance on safety-related systems, including the radiation monitoring system and the service water system. Two examples of a failure to satisfy this requirement are listed below:

1. Salem Unit 1 maintenance procedure S1.IC-CC.RM-0028(Q), "1R18 Liquid Waste Disposal Process Radiation Monitor," Step 5.3.36 requires that troubleshooting of the 1R18 radioactive liquid effluent monitor be initiated if "as-found" calibration data is determined to be outside of the specified acceptance criteria.

Contrary to the above, on August 19, 1998, it was identified that, during a calibration of the 1R18 radiation monitor on August 7, 1997, maintenance technicians failed to troubleshoot the 1R18 radiation monitor after documenting the "as-found" calibration data as being outside of the acceptance criteria established by procedure S1.IC-CC.RM-0028(Q) for over one year.

2. Salem Unit 1 surveillance test procedure S1.OP-ST.SW-0010, "Inservice Testing of Containment Fan Cooler Unit Service Water and Control Air Valves," Step 5.4.4 requires that a test device be properly connected to service water accumulator discharge valve control circuitry in order to test the valve for proper operation

Contrary to the above, on September 7, 1998, it was identified that maintenance technicians connected a test device to the improper service water valve control circuit terminals. This error caused a redundant service water accumulator discharge valve to open, resulting in the simultaneous inoperability of two independent accumulators.

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 or severity level, (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 (PDR), 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 5th day of October 1998