

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 an inspection conducted on August 23-27, 1982 and in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C), 47 FR 9987 (March 9, 1982), the following violations were identified:

- A. 10 CFR 50, Appendix B, Criterion XII, "Control of Measuring and Test Equipment" states, "Measures shall be established to assure that tools, gages, instruments, and other measuring and testing devices used in activities affecting quality are properly controlled, calibrated, and adjusted at specified periods to maintain accuracy within necessary limits."

Licensee Administrative Procedure (AP)-22, Measuring and Test Equipment Calibration Program, Revision 5, October 19, 1981 specifies that all measuring and test equipment shall be calibrated, shall be accounted for, shall be inventoried, and shall be properly stored.

Contrary to the above:

1. On August 27, 1982, multi-ampere tester M-137 was observed to have a calibration sticker with a calibration date of March 23, 1982. However, the calibration data sheet for tester M-137 dated March 23, 1982 showed that the test was found and was left in an out-of-calibration condition.
2. On August 27, 1982, test instruments M-76 and M-184 could not be accounted for. A licensee representative could not physically locate the instruments and there was no documentation available to determine the whereabouts of the instruments.
3. On August 27, 1982, there was no record of any 1981 or 1982 physical inventories of measuring and test equipment in the maintenance department.
4. On August 27, 1982, multi-ampere tester M-137 was being stored in a storage room in B Building accessible to any licensee personnel and was stored in unsuitable, inadequate housekeeping conditions.

The above examples collectively constitute a Severity Level V Violation - Supplement I.

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- B. 10 CFR 50, Appendix B, Criterion XVI, "Corrective Action", states in part "Measures shall be established to assure that conditions adverse to quality, such as...defective material and equipment and nonconformances are promptly identified and corrected."

The Salem Quality Assurance Manual commits Public Service Electric and Gas Company to meet ANSI N18.7-1976. ANSI N18.7-1976, paragraph 5.2.16, Measuring and Test Equipment, states in part: "When calibration, testing, or other measuring devices are found out of calibration, an evaluation shall be made and documented concerning the validity of previous tests and the acceptability of devices previously tested from the time of the previous calibration."

Contrary to the above:

1. Decade box standard PD-193 was found to be out of calibration on January 26, 1981. The evaluation completed on March 16, 1981 did not address the validity of previous calibrations performed on 27 pieces of measuring and test equipment, which were subsequently used to calibrate safety-related equipment. This represents inadequate corrective action.
2. Measuring instruments PD-106 (Heise gauge) and PD-489 (Fluke multi-meter) were found to be out of calibration on June 2, 1981 and September 10, 1981, respectively. The out of calibration conditions were documented on August 6, 1982 on Deficiency Reports (DR's) 82-1556 and 82-1553, respectively. The evaluations performed on the DR's did not determine the validity of previous tests. This represents untimely and inadequate corrective action.

The above examples collectively constitute a Severity Level V violation - Supplement I.

Pursuant to the provisions of 10 CFR 2.201, Public Service Electric and Gas Company is hereby required to submit to this office within thirty days of the date of this notice, a written statement or explanation in reply, including: (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Where good cause is shown consideration will be given to extending your response time.

Dated \_\_\_\_\_

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