

APPENDIX A

NOTICE OF VIOLATION

Public Service Electric and Gas Company
Hope Creek Generating Station, Unit 1

Docket No. 50-354
License No. CPPR-120

As a result of the inspection conducted on May 14 - June 24, 1984, and in accordance with the NRC Enforcement Policy (10 CFR 2, Appendix C), published in the Federal Register on March 8, 1984 (49 FR 8583), the following violations were identified:

- A.1 10 CFR 50, Appendix B, Criterion V, Hope Creek PSAR Section 16.4.5, and Section IV of the Bechtel Nuclear Quality Assurance Manual require that activities affecting quality shall be accomplished in accordance with instructions, procedures, and drawings.

Bechtel Drawing E-1408-0 Paragraph 1.14.2.b requires that safety-related cables routed in trays be tie-wrapped to the tray rungs, Bechtel Drawing E-1408-0 Paragraph 1.18 limits tie-wrap spacing to a maximum of five feet in vertical trays, and Bechtel Procedure SWP/P-E-110, paragraph 7.3 requires issuance of a rework hanger card prior to modification of a QC accepted hanger.

Contrary to the above, as of June 6, 1984:

1. Tie-wraps used to fasten electrical cable to tray rungs were not fastened to tray rungs in accordance with procedural requirements but to other cables in the tray.
2. Tie-wraps used to fasten electrical cable to tray rungs were spaced in excess of procedure requirements.
3. An electrical conduit support was reworked without issuance of rework documentation which is not in accordance with procedural requirements.

This is a Severity Level IV violation (Supplement II)

- A.2 10 CFR 50 Appendix B Criterion V, Hope Creek PSAR Section 16.4.5, and the Bechtel Nuclear Quality Assurance Manual require that activities affecting quality be accomplished in accordance with instructions, procedures, or drawings. Bechtel FCR J-314 requires that shims be installed under each vertical framing element in the Control Room Console and that 0.25 inch fillet welds be used to attach Control Room Console shims to imbedded channel. And, 10 CFR 50 Appendix B Criterion X, Hope Creek PSAR Section 16.4.10, and Bechtel Construction Quality Control Manual Section III paragraph 7.1.1 require that inspection of activities affecting quality be executed to verify conformance with governing documents.

Contrary to the above, as of June 19, 1984, the safety-related Control Room Console had shims missing under a vertical framing element, and fillet welds smaller than 0.25 inch had been used to attach Control Room Console shims to imbedded channels. Further QC inspections accepted these conditions and thereby were not executed so as to verify conformance with the governing documents.

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

Pursuant to the provisions of 10 CFR 2.201, Public Service Electric and Gas Company is hereby required to submit to this office, within 30 days of the date of the letter which transmitted 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 this response time.