

APPENDIX A

NOTICE OF VIOLATION

Public Service Electric and Gas Company

Docket Nos. 50-354
50-355

This refers to the inspection conducted by the resident inspector assigned to the Hope Creek Generating Station, Units 1 and 2. Hancocks Bridge, New Jersey, of activities authorized by NRC License Nos. CPPR-120 and 121.

During this inspection, conducted May 5-30, 1980, the following apparent items of noncompliance were identified:

- I. 10 CFR 50, Appendix B, Criterion V, states, in part, that: "Activities affecting quality shall be prescribed by documented instructions, procedures, or drawings...and shall be accomplished in accordance with these instructions, procedures, or drawings."

Section 16.4.5 of Chapter 16 of the PSAR states, in part, that: "Bechtel quality related activities are documented and controlled by written procedures and instructions."

Paragraph 3.2 of Section IV, field Operation, of the Bechtel Nuclear Quality Assurance Manual, states, in part, that: "Construction procedures shall provide for storage...to meet the applicable requirements of...supplier's requirements...".

Paragraph 1.3 of GE NED document 22A2724, Revision 3, Equipment Storage Requirements, states, in part, that: "The requirements herein and additional storage or maintenance requirements given in GE approved Vendor instruction manuals or storage instructions are considered minimum for satisfactory protection of the equipment...".

Contrary to the above, as of May 20, 1980, the Residual Heat Removal (RHR) and Core Spray pumps were not stored in accordance with the requirements stated in the vendor (Ingersol-Rand) technical manual.

This item is an infraction applicable to Docket Number 50-354.

- II. 10 CFR 50, Appendix B, Criterion IX states, in part, that: "Measures shall be established to assure that special processes, including welding...are...accomplished...using qualified procedures in accordance with applicable codes...".

Section 16.4.9 of Chapter 16 of the PSAR states, in part, that: "Special processes performed by Bechtel Construction including welding...are performed in accordance with applicable codes...by qualified procedures..."

Contrary to the above, as of May 30, 1980, beam seat support plate to embedded plate welds (per AWS D1.1) with an included angle of less than 60 degrees were made without a qualified procedure.

This item is an infraction applicable to Docket Numbers 50-354 and 50-355.

- III. 10 CFR 50, Appendix B, Criterion X states, in part, that: "A program for inspection of activities affecting quality shall be...executed by or for the organization performing the activity to verify conformance with the documented instructions, procedures, and drawings for accomplishing the activity..."

Section 16.4.10 of Chapter 16 of the PSAR states, in part, that: "Bechtel suppliers and subcontractors are required to perform in-process and final inspections in accordance with procedures, instructions, or drawings...Suppliers and subcontractors programs are subject to surveillance inspection by Bechtel shop inspectors..."

Bechtel Specification C-139(Q) specifies in paragraph 7.7.1 the visual inspection criteria for finished welds and in paragraph 8.8 discusses ultrasonic testing requirements for certain welds.

Contrary to the above, as of May 30, 1980, the lower biological shield fabricated by PX Engineering had been accepted by PX Engineering and Bechtel QC and was installed in place with missing ultrasonic test records and various weld defects including undercut, lack of penetration, insufficient reinforcement, and undersized fillet welds.

This item is an infraction applicable to Docket Number 50-354.