

APPENDIX A

Bechtel Power Corporation  
San Francisco Power Division  
Docket No. 99900522/82-03

NOTICE OF NONCONFORMANCE

Based on the results of an NRC inspection conducted on November 29-December 2, 1982, it appears that certain of your activities were not conducted in accordance with NRC requirements as indicated below:

Criterion V of Appendix B to 10 CFR Part 50 states: "Activities affecting quality shall be prescribed by documented instructions, procedures, or drawings, of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures, or drawings. Instructions, procedures, or drawings shall include appropriate quantitative or qualitative acceptance criteria for determining that important activities have been satisfactorily accomplished."

Nonconformance with these requirements is as follows:

Contrary to the above, documented instructions and procedures did not contain sufficient quantitative and qualitative criteria to assure that their implementation would provide the appropriate product quality analysis, inspection, and/or qualification for ITT-Grinnell pipe clamps and Pacific Scientific shocks on the Susquehanna project. Pipe hanger and shock anomalies were discovered at the site and were reported as significant deficiencies. These anomalies covered three main areas as listed below:

1. Inadequate clearance provided between shock body and clamp which would not permit the specified lateral movement of five degrees in either direction.
2. In several cases, ITT-Grinnell clamps for Pacific Scientific shock assembly sizes 1, 3, 10, 35, and 100 were not installable as received.
3. Friction clamps supplied by ITT-Grinnell for pipe sizes 2" or less called for a gap on either side of the clamp. In some cases, the required gap was not provided.