

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
RESPONSE TO NRC INFRACTION
FAILURE TO PROVIDE APPROPRIATE ACCEPTANCE CRITERIA IN INSPECTION PROCEDURES

Infraction 50-438/50-439/80-04-01

As required by 10 CFR Appendix B, Criterion V, and as implemented by Tennessee Valley Authority (TVA) Final Safety Analysis Report, Section 17.1A.5, "Activities affecting quality shall be prescribed by . . . procedures . . . Procedures shall include appropriate quantitative . . . acceptance criteria." The ASME Boiler and Pressure Vessel Code, Section III, Figure ND-4427-1 requires socket weld flange-to-pipe fillet weld leg size to be 1.4 times the nominal pipe wall thickness minimum.

Contrary to the above, on March 19, 1980, TVA Quality Control Procedure BNP-QCP-7.5, Revision 3, with addendum 3, "Visual Examination of Welds" paragraph 7.2.5, requires fillet leg size for all socket welded joints to be 1.25 times the nominal pipe wall thickness. This allowed four safety related socket weld flange-to-pipe fillet welded joints to be accepted with fillet weld leg size less than 1.4 times the nominal pipe wall thickness.

Corrective Action Taken and Results Achieved

BNP-QCP-7.5 now reflects ASME code requirements for socket weld flange-to-pipe fillet weld leg size being 1.4 times the nominal pipe wall thickness minimum.

Steps Taken to Avoid Further Recurrence

To allow for implementation of changes required by revisions in process specifications in a more timely manner, the format of site quality control procedures has been changed so that process specifications are now integral to the quality control procedures.

Date of Full Compliance

Bellefonte is in full compliance. Procedural changes were completed on May 7, 1980. The concern on welds made before this procedural change has been documented to NRC Region II OIE Office as TVA nonconformance report 1188 and will be reported as such. Complete documentation of corrective actions will be handled under 10 CFR 50.55(e) reports on this NCR.