

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

32 JUN 25 A JUN 23 1982

BLRD-50-438/82-19

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNIT 1 - DEFICIENT WELDOLETS ON NAVCO SPOOL PIECES
- BLRD-50-438/82-19 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on February 24, 1982 in accordance with 10 CFR 50.55(e) as NCR 1740. This was followed by our first interim report dated March 24, 1982. Enclosed is our second interim report. We expect to submit our next report by October 4, 1982. We consider 10 CFR Part 21 applicable to this deficiency.

If you have any questions concerning this matter, please get in touch with R. H. Shell at FTS 858-2688.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills
L. M. Mills, Manager
Nuclear Licensing

Enclosure

cc: Mr. Richard C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNIT 1
DEFICIENT WELDOLETS ON NAVCO SPOOL PIECES
NCR 1740 - BLRD-50-438/82-19
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

Five weldolets on spool pieces 1ND-196, 1ND-198, 1ND-200, 1ND-202, and 1NV-242 exhibit welds that do not conform to the ASME Code Section III Subsection NB (for class 1 components) or Subsection NC (for class 2 components) requirements for fabrication. The welds are typically below flush 1/64 inch to 3/32 inch. In addition, a weld at the upper apex of a special thermowell boss on spool piece 1NV-241 was ground down below flush. The subject weldolets are installed in the Decay Heat Removal (ND) System and Makeup and Purification (NV) System piping. The vendor of these items was National Valve and Manufacturing Company (NAVCO) of Pittsburgh, Pennsylvania.

Interim Progress

TVA is investigating an apparent discrepancy between the weld requirements for the subject weldolets specified in the ASME Code and TVA's site inspection procedures outlined in General Construction Specification G-29C, "Process Specifications for Welding, Heat Treatment, Nondestructive Examination, and Allied Field Fabrication Operations." TVA will supply additional information on this deficiency upon completion of this investigation.