

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 1, 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:

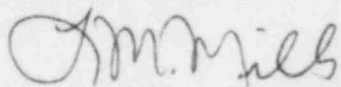
BELLEFONTE NUCLEAR PLANT UNIT 1 - DEFICIENT WELDOLETS ON NAVCO SPOOL
PIECES - BLRD-50-438/82-19 - THIRD INTERIM REPORT

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 interim reports dated March 24 and
June 23, 1982. Enclosed is our third interim report. We expect to submit
our next report by February 8, 1983. 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, Manager
Nuclear Licensing

Enclosure

cc: Mr. Richard C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 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)
THIRD 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 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 on these items was National Valve and Manufacturing Company (NAVCO) of Pittsburgh, Pennsylvania.

Interim Progress

TVA is evaluating the welds to determine if the welds may be used "as is." In addition, TVA is reviewing the acceptance criteria used for inspecting weldolets attached to safety-related piping. The preliminary indications are that the criteria may be too restrictive and therefore revision of the acceptance criteria may be considered.