

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37403

400 Chestnut Street Tower II

June 19, 1981

BLRD-50-428/81-40



Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNIT 1 - INTERNAL LACK OF FUSION ON NAVCO SPOOL
PIECE - BLRD-50-428/81-40 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on May 20, 1981, in accordance with 10 CFR 50.55(e) as
NCR 1467. Enclosed is our first interim report. We expect to submit our
next report by August 26, 1981.

If you have any questions concerning this matter, please get in touch with
D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., 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
INTERNAL LACK OF FUSION ON NAVCO SPOOL PIECE
BLRD-50-438/81-40
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

An internal lack of fusion, approximately 1/8 inch wide and 21 inches long, was discovered during the installation of a spool piece supplied by NAVCO. This internal lack of fusion was found during the radiography of a circumferential butt weld. The radiograph overlapped an adjacent longitudinal weld of the spool piece and indicated that it exhibited the lack of weld fusion. The spool piece is 12 inches in diameter, stainless steel SA312 TP304 welded pipe located in the Spent Fuel Cooling System.

Interim Progress

TVA is performing an analysis in order to determine the safety significance of this condition.