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 AUTH. NAME AUTHOR AFFILIATION
 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME RECIPIENT AFFILIATION
 O'REILLY, J.P. Region 2, Atlanta, Office of the Director

SUBJECT: First interim deficiency rept re NAVCO spool piece & radiographs, initially reported 801114. Vendor radiographic technique under util review. Considers 10CFR21 applicaole to subj nonconformance. Next rept to be submitted by 810225.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

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MAR 04 1981

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400 Chestnut Street Tower II

December 15, 1980

80-055-03L

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 2 - NAVCO SPOOL PIECE RADIOGRAPHIC DEFICIENCY
- NCR 1291 - FIRST INTERIM REPORT

The subject nonconformance was initially reported to NRC-OIE Inspector R. W. Wright on November 14, 1980, in accordance with 10 CFR 50.55(e). Enclosed is our first interim report. We expect to submit our next written report by February 25, 1981. We consider 10 CFR Part 21 to be applicable to this nonconformance.

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

Very truly yours,

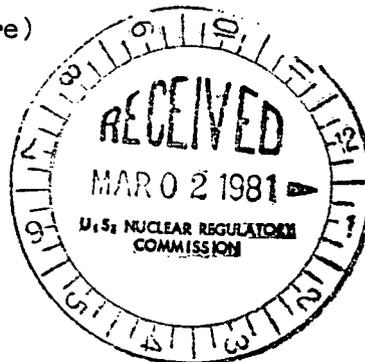
TENNESSEE VALLEY AUTHORITY

L. M. Mills

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 2
NAVCO SPOOL PIECE RADIOGRAPHIC DEFICIENCY
NCR 1291
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

During installation of Spent Fuel System piping in the unit 1 Reactor Building, a vendor weld was noticed to exhibit possible excess root reinforcement. The vendor (NAVCO) was requested to supply radiographs of the welds to assess the problem. TVA's review of the vendor radiograph indicated excess root reinforcement of the weld and indicated as well that the vendor's radiographic technique was not in keeping with TVA's interpretation of the Winter 1975 Addenda to Article 2 of ASME Section V. Additional vendor radiographs (sent to, though not requested by, TVA) were also found to be inadequate. This renders the adequacy of the welds (as well as radiographs) questionable.

Interim Progress

Representatives of TVA and NAVCO discussed the radiographs at length in a teleconference held on November 25, 1980. TVA is in the process of reviewing and evaluating NAVCO's radiographic technique in order to determine the extent of the problem.