

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

U.S. NRC RGN.-II  
Atlanta Ga.

May 2, 1983

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BLRD-50-439/82-63

U.S. Nuclear Regulatory Commission  
Region II  
Attn: Mr. James P. O'Reilly, Regional Administrator  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

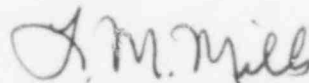
BELLEFONTE NUCLEAR PLANT UNIT 2 - LINEAR INDICATIONS IN NAVCO SPOOL PIECES -  
BLRD-50-439/82-63 - THIRD INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector D. Quick on September 24, 1982 in accordance with 10 CFR 50.55(e) as NCR 1986. This was followed by our interim reports dated October 5, 1982 and January 24, 1983. Enclosed is our third interim report. We expect to submit our next report on or about August 15, 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

Records Center (Enclosure)  
Institute of Nuclear Power Operations  
1100 Circle 75 Parkway, Suite 1500  
Atlanta, Georgia 30339

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNIT 2  
LINEAR INDICATIONS IN NAVCO SPOOL PIECES  
NCR 1986  
- BLRD-50-439/82-63  
10 CFR 50.55(e)  
THIRD INTERIM REPORT

Description of Deficiency

Several linear indications 1/32 to 1/4 inches in depth and 2-1/2 to 19 inches in length were found in the base material (outside surface) of six (6), 8-inch od Schedule 120, ASME SA 106, grade B piping spools. These indications were noticed by TVA personnel during installation and inspection. The spools are part of six (6) ASME III Class 2 piping subassemblies fabricated by National Valve and Manufacturing Company (NAVCO), Pittsburgh, Pennsylvania, using piping manufactured by the United States Steel Company. All six spools were manufactured from the same material heat log (i.e., Heat Code No. L 63687). The depth of some portions of the linear indications exceed the depth allowed by ASME Section II, Part A, Material Specification, ASME SA 106, paragraph 20.1, and are considered defects.

Interim Progress

TVA is still in the process of evaluating the subject deficiency. TVA has submitted a request to the vendor to supply a list of spool pieces with heat code number L63687 in order to establish the scope of the problem. TVA is awaiting their reply.