

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

January 24, 1983

BLRD-50-439/82-63

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 2 - LINEAR INDICATIONS IN NAVCO SPOOL PIECES -  
BLRD-50-439/82-63 - SECOND 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 1980. This was followed by our first interim report dated October 5, 1982. Enclosed is our second interim report. We expect to submit our next report on or about May 18, 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

*DS Kammer*

*for* 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

8302010500 830124  
PDR ADOCK 05000439  
S PDR

OFFICIAL COPY

IE 27

## ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNIT 2  
LINEAR INDICATIONS IN NAVCO SPOOL PIECES  
NCR 1986  
BLRD-50-439/82-63  
10 CFR 50.55(e)  
SECOND 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 dispositioned the deficient spool pieces specifically cited in the NCR. However, TVA has not yet determined the most appropriate means for investigating the generic implications of additional deficient spool pieces.