TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 25, 1982

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 - FIRST 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. Enclosed is our first interim report. We expect to submit our next report on or about January 26, 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

ENCLOSURE

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

All other subassemblies which utilize pipe from the identified material heat will be investigated to determine the presence of linear indications and defects.

All identified pipe spools (including those listed in NCR 1986), will be corrected to meet the requirements of the ASME Code and the material specification.

TVA will instruct its vendors and quality control personnel in giving closer inspection to meet requirements of the material specifications. This will help mitigate future recurrences.

TVA will provide further input upon completion of our review for generic deficiencies.