

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

March 29, 1982

HTRD-50-518/82-10, -519/82-09,
-520/82-10, -521/82-09
PBRD-50-553/82-09, -554/82-09

U.S. Nuclear Regulatory Commission
Region II

ATTN: James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303



Dear Mr. O'Reilly:

HARTSVILLE AND PHIPPS BEND NUCLEAR PLANTS - REPORTABLE DEFICIENCY -
SA 312 PIPE LESS THAN MINIMUM WALL THICKNESS BY ITT GRINNELL -
HTRD-50-518/82-10, -519/82-09, -520/82-10, -521/82-09 -
PBRD-50-553/82-09, -554/82-09

The subject deficiencies were initially reported to NRC-OIE, Region II, Inspector Ross Butcher on February 19, 1982 as NCR-8. In accordance with paragraph 50.55(e) of 10 CFR Part 50, we are enclosing the first interim report. We consider 10 CFR Part 21 applicable to this nonconformance. As discussed with Austin Hardin on March 22, 1982, a one-week extension was granted on the submittal of this report. We anticipate transmitting our next report on or before August 23, 1982. If you have any questions, please call Jim Domer at FTS 858-2725.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills
L. M. Mills, Manager

Nuclear Regulation and Safety

Enclosure

cc: Mr. R. C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

OFFICIAL COPY

IE 27
3/11

HTRD-50-518/82-10, -519/82-09
-520/82-10, -521/82-09
PBRD-50-553/82-09, -554/82-09

ENCLOSURE
HARTSVILLE AND PHIPPS BEND NUCLEAR PLANTS
SA 312 PIPE WITH LESS THAN MINIMUM WALL THICKNESS BY ITT GRINNELL
10CFR50.55(e) REPORT NO. 1 (INTERIM)
NCR-8

Description of Deficiency

During normal shop inspection, several pieces of SA 312 (10-3/4" x .365") pipe supplied by ITT Grinnell of Kernersville, North Carolina, were found with wall thicknesses adjacent to the seam weld less than the minimum allowed by the ASME specifications governing wall thickness. These pieces were made from pipe supplied to ITT Grinnell by Swepeco Tube Corporation, Clifton, New Jersey. Fifty-five spools and 342 feet of loose material were shipped to the site before discovery of this problem.

Interim Progress

All material identified was ultrasonically inspected in the field. The inspection was performed on the longitudinal seam welds by ITT Grinnell personnel. A total of ten fabricated spools and five random lengths of loose material were identified as being below minimum wall thickness.

After consulting with ITT Grinnell, all the loose material at the jobsite was replaced by the original material supplier. TVA was also informed that the defective sections within the fabricated spools would be cut out and returned to Swepeco to be rewelded.