

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

September 29, 1982

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 UNITS 1 AND 2 - ITT GRINNEL WELDED SUPPORTS -  
NCR BLN BLP 8002 - SEVENTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. W. Wright on September 5, 1980, in accordance with 10 CFR 50.55(e). This was followed by our interim reports dated October 3, 1980, January 22, April 29, and October 21, 1981, and March 26 and July 12, 1982. Enclosed is our seventh interim report. We expect to submit our next report by March 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*  
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

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USNRC REGION II  
ATLANTA, GEORGIA

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
ITT GRINNELL WELDED SUPPORTS  
NCR BLN BLP 8002  
10 CFR 50.55(e)  
SEVENTH INTERIM REPORT

Description of Deficiency

Detail sheets supplied by ITT Grinnell for assembly of pipe hangers and supports had discrepancies in weld designations. Certain supports with welds made on structural members that make angles less than 60 degrees and greater than 135 degrees were designated as fillet welds but should have been groove welds. On some groove welds which were specified, the parentheses around the dimension were omitted. This omission indicated depth or size of bevel when in fact ITT Grinnell meant effective throat. Both of the above weld joint designations conflict with applicable AWS symbols for welding (AWS A2.4-76) and do not provide sufficient information for fabrication and inspection.

Interim Progress

TVA's contractor, ITT Grinnell, is near completion of their revision of the affected hanger detail sheets. TVA's Division of Engineering Design is reviewing the detail sheets as Grinnell submits them and, when approved, is releasing them to the Division of Construction for inspection of fabricated welds.