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 50-439 Bellefonte Nuclear Plant, Unit 2, Tennessee Valley Au  
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 MILLS,L.M. Tennessee Valley Authority  
 RECIPIENT AFFILIATION  
 O'REILLY,J.P. Region 2, Atlanta, Office of the Director *max*

SUBJECT: First interim deficiency rept re discrepancies in weld designations in detail sheets for assembly of pipe hangers & supports supplied by ITT Grinnell. Weld translation is being developed. Review completion expected in Dec 1980.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

NOTES:

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 3, 1980

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II - Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - ITT GRINNELL WELDED SUPPORTS -  
NCR BLN BLP 8002 - FIRST 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).  
Enclosed is our first interim report. We expect to submit our next report  
by January 23, 1981.

If you have any questions concerning this matter, please get in touch with  
D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager  
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., Director (Enclosure) ✓  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
ITT GRINNELL WELD SUPPORTS  
NCR BLN BLP 8002  
10 CFR 50.55(e)  
FIRST 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 reviewing detail sheets for incorrect welding symbols. A weld translation sheet is being developed. Completion of the review and the translation sheet is expected in December 1980.