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 RECIP. NAME RECIPIENT AFFILIATION
 O'REILLY, J.P. Region 2, Atlanta, Office of the Director

SUBJECT: Third interim deficiency rept re design discrepancies in
 ITT Grinnell welded supports, initially reported on 800905.
 ITT continuing review & revision of designations in conflict
 w/AWS welding symbols. Next rept by 811022.

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

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400 Chestnut Street Tower II

April 29, 1981



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:

BELLEVILLE NUCLEAR PLANT UNITS 1 AND 2 - ITT GRINNEL WELDED SUPPORTS -
NCR BLN BLP 8002 - THIRD 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, and January 22, 1981. Enclosed is our third interim report. We expect to submit our next report by October 22, 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 WELDED SUPPORTS
NCR BLN BLP 8002
10 CFR 50.55(e)
THIRD 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

ITT Grinnell has continued with the review and revision of all welding detail sheets showing weld joint designations which conflict with applicable AWS symbols for welding. TVA has not yet received the revised welding detail sheets from ITT Grinnell which will be used in the inspection of the fabricated welds.