

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

December 2, 1983

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BLRD-50-438/83-41  
BLRD-50-439/83-35

U.S. Nuclear Regulatory Commission  
Region II  
Attn: Mr. James P. O'Reilly, Regional Administrator  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - WELDS ON VENDOR (TRANSAMERICA DELAVAL  
AND ITE IMPERIAL) ASSEMBLIES DO NOT MEET REQUIREMENTS - BLRD-50-438/83-41,  
BLRD-50-439/83-35 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector L. Watson on  
June 15, 1983 in accordance with 10 CFR 50.55(e) as NCR 2389. This was followed  
by our interim report dated July 14, 1983. Enclosed is our second interim  
report. We expect to submit our next report by February 9, 1984.

Evaluation of applicability of 10 CFR Part 21 to this deficiency has been  
postponed pending final determination of the acceptability of the welds.

If you have any questions, 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 (Enclosure):

Mr. Richard C. DeYoung, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Records Center  
Institute of Nuclear Power Operations  
1100 Circle 75 Parkway, Suite 1500  
Atlanta, Georgia 30339

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ENCLOSURE  
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
WELDS ON VENDOR (TRANSAMERICA DELAVAL AND ITE IMPERIAL) ASSEMBLIES  
DO NOT MEET REQUIREMENTS  
BLRD-50-438/83-41, BLRD-50-439/83-35  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

Description of Deficiency

Some of the welds on safety-related electrical switchgear panels supplied by ITE Imperial Corporation, Knoxville, TN (ITE), appear to violate the acceptance criteria delineated in the vendor's QA manual. Similar deficiencies have been noted on the standby diesel generator (DG) control panels supplied by Transamerica Delaval (TD), Oakland, CA, that apparently violate American Welding Society (AWS) D1.1 acceptance criteria.

Interim Progress

TVA has determined that the ITE panels did deviate from the vendor's drawing details. However, after a complete review of these panel welds by TVA and correspondence from the vendor, the disposition was determined to be "use-as-is." The control panels supplied for the diesel generators are presently being investigated as outlined in our first interim report. Based on this inspection TVA will determine the basis for disposition of NCR 2389.