

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 26, 1982

BLRD-50-438/82-24

BLRD-50-439/82-21

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:

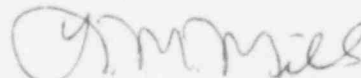
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - INCORRECT INSPECTION CODE ON  
HANGER DRAWINGS BY ITT GRINNELL - BLRD-50-438/82-24, BLRD-50-439/82-21 -  
THIRD INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
Don Quick on March 1, 1982 in accordance with 10 CFR 50.55(e) as NCR 1748.  
This was followed by our interim reports dated March 30 and July 26, 1982.  
Enclosed is our third interim report. We expect to submit our next report  
by February 25, 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, 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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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
INCORRECT INSPECTION CODE ON HANGER DRAWINGS BY ITT GRINNELL  
NCR 1748  
BLRD-50-438/82-24, BLRD-50-439/82-21  
10 CFR 50.55(e)  
THIRD INTERIM REPORT

Description of Deficiency

During a review of weld documentation and pipe hanger drawings, plate and shell welds on safety-related hangers were discovered which did not receive a dye-penetrant inspection as required in ASME Section III, Class 2, Subsection NF. Two causes for this deficiency were determined.

1. Inspection requirements were overlooked by TVA personnel reviewing the hanger drawings to generate the automated process control (APC) weld cards used in construction of the support.
2. TVA's hanger vendor (ITT Grinnell, Providence, Rhode Island) specified some ASME Section III, Class 2, welded joints to the wrong inspection code paragraphs (NF-5231, etc.).

The vendor portion of this NCR is not applicable to other TVA plants since ITT Grinnell has a hanger contract only with Bellefonte. The improper inspection of the hanger drawings for weld inspection requirements may be of generic nature; and therefore, the NCR will be directed to other plants for consideration.

Interim Progress

TVA's Division of Construction has completed the review of all weld documentation and hanger drawings for ASME Section III, Class 2 supports to determine if the proper weld inspections were performed. Sixty-three of the welds reviewed will require reinspection. Reinspection of these welds will be initiated. To prevent recurrence of this deficiency, a second review of the APC weld cards is now performed before their issue for use.

ITT Grinnell has performed an initial review of the ASME Section III, Class 2 hangers listed in the NCR for adequacy of the specified inspection code. TVA is reviewing the deficiency and working with the vendor on a resolution.