

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

March 30, 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 -
FIRST 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. Enclosed is our first interim report. We expect to submit our
next report by July 26, 1982. We consider 10 CFR Part 21 to be
applicable to this deficiency.

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, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Richard C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

ENCLOSURE
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
10 CFR 50.55(e)
NCR 1748
FIRST 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.

The vendor portion of this NCR is not applicable to other 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 will direct its vendor to review all ASME Section III, Class 2, NF hanger drawings for adequacy of weld code paragraphs specified. The vendor is then to notify TVA of each individual hanger needing corrective action. TVA will reinspect any welds identified by the vendor as the vendor revises the affected drawings. The vendor is also to notify TVA by letter of action planned and taken to prevent recurrence.

TVA will review all weld documentation and hanger drawings for ASME Section III, Class 2, supports to identify if the proper weld inspection code was used. Weld documentation will be revised and the welds reinspected when required.

To prevent the recurrence of the correct inspection code being overlooked by reviewing personnel, a second review will be performed before the APC weld cards are issued for use.