

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1630 Chestnut Street Tower II

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September 12, 1985

BLRD-50-438/85-15
BLRD-50-439/85-15

U.S. Nuclear Regulatory Commission
Region II
Attn: Dr. J. Nelson Grace, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Dear Dr. Grace:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - INSPECTION OF HEATING, VENTILATING,
AND AIR-CONDITIONING DUCT SUPPORTS - BLRD-50-438/85-15 AND BLRD-50-439/85-15 -
SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector A. Hardin
on May 2, 1985 in accordance with 10 CFR 50.55(e) as NCR BL-A-85-05-D-01.
This was followed by our first interim report submitted on May 30, 1985.
Enclosed is our second interim report. We expect to submit our next report on
or about February 28, 1986.

If you have any questions, please get in touch with R. H. Shell at FTS
858-2688.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. W. Hufham
J. W. Hufham, ^{by} *Shell* Manager
Licensing and Risk Protection

Enclosure

cc (Enclosure):

Mr. James Taylor, 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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PDR ADOCK 05000438
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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
INSPECTION OF HEATING, VENTILATING, AND AIR-CONDITIONING DUCT SUPPORTS
BLRD-50-438/85-15 AND BLRD-50-439/85-15
10 CFR 50.55(e)
NCR BL-A-85-05-D-01

SECOND INTERIM REPORT

Description of Deficiency

A quality assurance audit identified potential deficiencies in documenting the inspection of heating, ventilating, and air-conditioning (HFAC) duct supports. The audit team, through interviews and investigation, was unable to find conclusive evidence that required installation inspections of numerous insulated HVAC supports had been performed and documented and was unable to determine the quality status of the HVAC supports.

Interim Progress

TVA is currently performing a review and evaluation of inspection records and other associated documentation related to the installation of HVAC duct supports. The inspection test cards (test 79) governed by Bellefonte Nuclear Plant (BLN) quality control procedure (QCP) 6.7, "Inspection of HVAC Duct and Mechanical Equipment Supports," will be either acceptable as found, reconstructed in accordance with applicable procedures, or corrected as necessary.

TVA is reviewing all field change requests (FCRs) written against duct supports to ensure that the applicable inspection records could be matched to the latest revision of the approved design drawing. A total of 11,424 supports were reviewed. Seven-hundred nine FCRs had been written against 934 supports. The review confirmed that 78 FCRs were written after the initial inspection records had been completed. There were 41 FCRs written to obtain agreement between the actual installation and the design drawing. There were 16 FCRs identified which resulted in actual work being performed on the supports. These were processed to modify the supports resulting from design changes and adjacent piping or support interferences. The work was performed by work releases or automated process control (APC) cards, and the original inspection records were not properly updated to reflect the modifications. The affected inspection records will be corrected or reprocessed. The remaining 21 FCRs were invalidated or superseded.

Upon completion of the review, TVA will specify any additional corrective action required. The next report on this condition will be submitted on or about February 28, 1986.