

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

84 AUG 31 August 29, 1984

BLRD-50-438/83-35
BLRD-50-439/83-31

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - B&W PLANT INTERNAL BOLT FAILURES
- BLRD-50-438/83-35, BLRD-50-439/83-31 - THIRD INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Linda Watson on May 13, 1983 in accordance with 10 CFR 50.55(e) as NCR R-30. This was followed by our interim reports dated June 13 and December 5, 1983. NCR BLN NEB 8413 has also been generated to document this concern. TVA intends to report on both NCRs simultaneously. Enclosed is our third interim report. We expect to submit our next report by May 8, 1985. A several week delay of this submittal was discussed with Inspector P. E. Fredrickson on July 23, 1984.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

David L. Lambert for

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
B&W PLANT INTERNAL BOLT FAILURES
BLRD-50-438/83-35, BLRD-50-439/83-31
10 CFR 50.55(e)
NCRs R-30 AND BLN NEB 8413
THIRD INTERIM REPORT

Description of Deficiency

The Babcock and Wilcox (B&W) Owners Group has opened issue R-30 "Internals Bolting Failures" documenting a potential safety concern with B&W plants. Specifically, there have been failures of A-286 bolts used in various reactor internals applications at Oconee-1, Rancho Seco and Crystal River-3. Although B&W contends that the problem is not applicable to Bellefonte, TVA has questioned B&W's determination and is awaiting a reply from B&W. Until such time that R-30 is determined to not be a concern at Bellefonte, TVA considers the condition to be a potentially reportable nonconformance. Consequently, this NCR is intended to track the potential concern for Bellefonte.

Interim Progress

As indicated in the second interim report on this deficiency, TVA is proceeding with the replacement of all A-286 bolts in reactor internals applications. B&W has submitted portions of the field change package (FCP) required for the replacement of the unit 1 A-286 material. TVA will submit a final report upon receipt, review, and approval of the entire units 1 and 2 FCPs.