

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

June 13, 1983

USNRC REGION II
ATLANTA, GEORGIA
83 JUN 16 P 8:59

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 30303

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 - FIRST 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. Enclosed is our first interim report. We expect to submit our next report by December 6, 1983.

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

Records Center (Enclosure)
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
B&W PLANT INTERNAL BOLT FAILURES
BLRD-50-438/83-35, BLRD-50-439/83-31
10 CFR 50.55(e)
NCR R-30
FIRST 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

B&W and the B&W Owners Group are assessing the situation to determine the scope of the problem and recommended corrective actions. TVA will provide additional details upon conclusion of this review.