

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 27, 1982

BLRD-50-438/82-46

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:

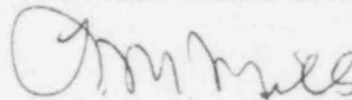
BELLEFONTE NUCLEAR PLANT UNIT 1 - WELD DEFECTS ON REACTOR BUILDING  
COOLER SUPPORTS - BLRD-50-438/82-46 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on June 21, 1982 in accordance with 10 CFR 50.55(e) as NCR 1853. This was followed by our first interim report dated July 20, 1982. As discussed with R. V. Crlenjak by telephone on October 27, 1982, our response was delayed. Enclosed is our second interim report. We expect to submit our next report by February 7, 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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REGION II  
ATLANTA, GEORGIA

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNIT 1  
WELD DEFECTS ON REACTOR BUILDING COOLER SUPPORTS  
NCR 1853  
BLRD-50-438/82-46  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

Description of Deficiency

Twenty-four mitered joints on 12 header supports which are used on the Reactor Building (RB) cooler coils exhibit either or both lack of fusion and undercut (greater than 1/32 inch and less than 1/8 inch). The welds were fabricated by the manufacturer, American Air Filter (AAF) Company, Incorporated, Louisville, Kentucky, and the units were supplied to TVA under the NSSS contract awarded to Babcock & Wilcox (B&W) of Lynchburg, Virginia. The AAF drawings specify that welding shall conform to the AWS Code D1.1, Revision 2, dated 1974.

Interim Progress

TVA has received a response from B&W regarding the corrective action to disposition this nonconformance. B&W's response is under review by TVA. Further information will be provided when our review is complete.