

REGION II  
TENNESSEE VALLEY AUTHORITY  
ATLANTA, GEORGIA

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

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July 14, 1983

BLRD-50-438/81-64

BLRD-50-439/81-62

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:

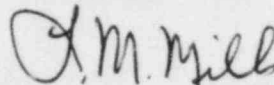
BELLEVILLE NUCLEAR PLANT UNITS 1 AND 2 - BOLTS AND NUTS FAIL TO MEET ASTM SPECIFICATIONS - BLRD-50-438/81-64, BLRD-50-439/81-62 - EIGHTH INTERIM REPORT

The subject deficiency was initially reported to NPC-OIE Inspector R. V. Crlenjak on September 24, 1981 in accordance with 10 CFR 50.55(e) as NCR's 1597 and 1598. This was followed by our interim reports dated October 22 and December 8, 1981; February 19, June 29, and September 27, 1982; and January 7, and April 25, 1983. Enclosed is our eighth interim report. We expect to submit our next report by November 18, 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

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  
BOLTS AND NUTS FAIL TO MEET ASTM SPECIFICATIONS  
NCR'S 1597 AND 1598  
BLRD-50-438/81-64, BLRD-50-439/81-62  
10 CFR 50.55(e)  
EIGHTH INTERIM REPORT

Description of Deficiency

10,000, 3/4" stainless steel nuts (furnished by Chattanooga Bolt and Screw, Chattanooga, Tennessee) and 10,600, 3/4" x 3-1/2" stainless steel bolts (furnished by Challenge Enterprises, Chattanooga, Tennessee) were received not marked in accordance with ASTM specifications. Subsequent testing of the subject material by Singleton Materials Engineering Laboratory revealed the material failed to meet ASTM specifications. The associated documentation received with the material erroneously indicated that the nuts and bolts do meet ASTM specifications. Approximately 450 of these bolts and 1300 nuts have been issued to the field for installation. Nonconformance report (NCR) 1597 pertains to the bolts and NCR 1598 pertains to the nuts.

Interim Progress

TVA is currently reviewing the results of the Singleton Laboratory analysis of the bolting material. The test results will be discussed upon completion of the subject review.