

TENNESSEE VALLEY AUTHORITY
U.S. NRC REGION II
CHATTANOOGA, TENNESSEE 37403 GEORGIA

400 Chestnut Street Tower II

31 OCT 26 A10:11
October 22, 1981

BLRD-50-438/81-64
BLRD-50-439/81-62

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

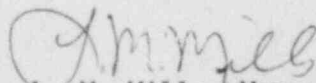
BELLEFONTAINE NUCLEAR PLANT UNITS 1 AND 2 - BOLTS AND NUTS FAIL TO MEET ASTM SPECIFICATIONS - BLRD-50-438/81-64, BLRD-50-439/81-62 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on September 24, 1981 in accordance with 10 CFR 50.55(e) as NCR's 1597, 1598. Enclosed is our first interim report. We expect to submit our next report by December 10, 1981. 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 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555



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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
BOLTS AND NUTS FAIL TO MEET ASTM SPECIFICATIONS
BLRD-50-438/81-64, BLRD-50-439/81-62
10 CFR 50.55(e)
FIRST 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 which were not marked in accordance with ASTM specification. Subsequent testing of the subject material by TVA's Singleton Materials Engineering Laboratory revealed the material failed to meet ASTM specifications. The associated documentation received with the material erroneously shows that the nuts and bolts do meet ASTM specifications. Approximately 1300 of these nuts and 450 bolts 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

The nuts and bolts currently in warehouse storage will be returned to the vendors. Bellefonte CONST, by use of issue documents, will inspect the installations for which the nuts and bolts were issued, remove the material, and return it to the appropriate vendor. The normal installation inspections will identify and reject these nuts and bolts if they were used in other installations.

TVA is evaluating possible actions to prevent recurrence of this nonconforming condition.