

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

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January 11, 1984

BLRD-50-438/84-01

BLRD-50-439/84-01

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 - FAILED G.E. TRIP BREAKERS  
- BLRD-50-438/84-01, BLRD-50-439/84-01 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector P. E. Fredrickson on December 14, 1983 in accordance with 10 CFR 50.55(e) as NCR 2496. Enclosed is our first interim report. We expect to submit our next report by May 8, 1984.

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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1983-TVA 50TH ANNIVERSARY

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
FAILED G.E. TRIP BREAKERS  
BLRD-50-438/84-01, BLRD-50-439/84-01  
NCR 2496  
10 CFR 50.55(e)  
FIRST INTERIM REPORT

Description of Deficiency

Trip breakers 1NR-52-015-F and 016-G failed testing because they would not close. Some of the electrical contacts that function during the close stroke also appear to be burned. A contributing factor of the failure appears to be a lack of proper maintenance or storage.

Interim Progress

TVA is currently considering the replacement of the defective breakers in unit 1 with two breakers from unit 2 that performed acceptably during preliminary testing as well as investigating the disposition of the two defective breakers.