

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

BLRD-50-438/84-11 MAY 16 9:07 May 14, 1984  
BLRD-50-439/84-10

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:

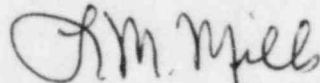
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - LEVELS A AND B STORAGE TEMPERATURE  
WENT BELOW 40° F LIMIT - BLRD-50-438/84-11, BLRD-50-439/84-10 - SECOND  
INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
P. E. Fredrickson on January 24, 1984 in accordance with 10 CFR 50.55(e) as  
NCR 2726. A similar condition was later documented on NCR 2848; thus, we  
shall report on both NCRs simultaneously. This was followed by our interim  
report dated February 17, 1984. Enclosed is our second interim report. We  
expect to submit our next report by February 8, 1985.

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, 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  
LEVELS A AND B STORAGE TEMPERATURE WENT BELOW 40° F LIMIT  
BLRD-50-438/84-11, BLRD-50-439/84-10  
NCRs 2726 AND 2848  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

Description of Deficiency

As identified in nonconformance report (NCR) 2726, some areas of levels A and B storage fell below the required minimum temperature of 40°F (recorded temperatures were in the 20's in these areas) when the ambient temperature was 18°F on December 31, 1983. Four level A storage and twelve level B storage areas fell below the required temperature. Per NCR 2848, two level B storage areas went below this minimum temperature requirement on February 6, 1984. The apparent cause of these nonconformances was insufficient heating capacity due to the extremely cold weather.

Interim Progress

TVA is continuing to provide additional heating capacity and insulation to the storage structures, to inspect and evaluate the materials in the identified areas for possible damage, to relocate and consolidate material in order to reduce storage requirements and to redesignate areas, and is planning to increase temperature recording frequency in order to verify that additional heating capacity is sufficient.