

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

April 6, 1983

REGIONAL OFFICE  
ATLANTA, GEORGIA  
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BLRD-50-438/82-26  
BLRD-50-439/82-23

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 - GOVERNOR LUBE OIL COOLER -  
BLRD-50-438/82-26, BLRD-50-439/82-23 - FOURTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on March 8, 1982 in accordance with 10 CFR 50.55(e) as NCR BLN MEB 8202. This was followed by our interim reports dated April 6, June 14, and October 20, 1982. Enclosed is our fourth interim report. We expect to submit our next report by January 16, 1984. 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  
GOVERNOR LUBE OIL COOLER  
NCR BLN MEB 8202  
BLRD-50-438/82-26, BLRD-50-439/82-23  
10 CFR 50.55(e)  
FOURTH INTERIM REPORT

Description of Deficiency

A potential defect exists when the governor lube oil cooler on a standby diesel generator is located above the maximum elevation of the piping between the coolers and the governor. If the oil level in the governor is low, air could be trapped in the Lube Oil System. The diesel generators were supplied by Delaval, Incorporated (Delaval), Oakland, California. This deficiency was reported to NRC-OIE, Washington, DC, under 10 CFR 21 by TransAmerica Delaval letter dated December 9, 1981. The condition has been verified as a problem by Bellefonte field personnel. This deficiency does not apply to the Delaval supplied diesels at Hartsville and Phipps Bend Nuclear Plants.

Interim Progress

TVA has relocated the lube oil coolers to a position below the governors for both unit 1 diesels. Work on the unit 2 diesels is not complete and will be reported in our next submittal. We are continuing our efforts to obtain the cause of this deficiency and actions to prevent recurrence from the vendor.