

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

April 28, 1982 <sup>82</sup> MAY 2 4 3: 04

BLRD-50-438/81-65

BLRD-50-439/81-63

U.S. Nuclear Regulatory Commission  
Region II

Attn: Mr. James P. O'Reilly, Regional Administrator  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - TURBINE DRIVEN AUXILIARY FEEDWATER  
PUMP ROOM TEMPERATURE - BLRD-50-438/81-65, BLRD-50-439/81-63 - SECOND  
INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
R. V. Crlenjak on October 6, 1981 in accordance with 10 CFR 50.55(e) as  
NCR BLN BLP 8124. This was followed by our first interim report dated  
November 3, 1981. Enclosed is our second interim report. We expect to  
submit our next report by September 10, 1982.

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

*James A. Dorn*  
for 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, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
TURBINE DRIVEN AUXILIARY FEEDWATER PUMP ROOM TEMPERATURE  
NCR BLN BLP 8124  
BLRD-50-438/81-65, BLRD-50-439/81-63  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

Description of Deficiency

Additional piping was routed through the turbine-driven auxiliary feedwater pump room. During extended periods of operating the pump, the turbine-driven auxiliary feedwater pump room maximum upset temperature of 120°F, as specified in environmental design criteria N4-50-D749, may be exceeded based on the calculated room cooling load.

Interim Progress

TVA has initiated engineering change notice ECN-1435 to alleviate the problem of possibly exceeding the 120°F design maximum upset temperature in the turbine-driven auxiliary feedwater pump room. Ventilation fans will be installed by this engineering change to provide the necessary cooling.