

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

September 7, 1982

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:

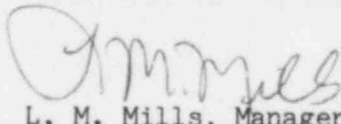
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - TURBINE DRIVEN AUXILIARY FEEDWATER  
PUMP ROOM TEMPERATURE - BLRD-50-438/81-65, BLRD-50-439/81-63 - THIRD  
INTERIM REPORT

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 interim reports dated  
November 3, 1981 and April 28, 1982. Enclosed is our third interim  
report. We expect to submit our next report by June 27, 1983.

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

8209160494 820907  
PDR ADOCK 05000438  
S PDR

OFFICIAL COPY

LE 27

USNRC REGION II  
ATLANTA, GEORGIA

2 SEP 13 4 8:42

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-50-459/81-63  
10 CFR 50.55(e)  
THIRD 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 TVA 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. TVA drawings have been revised and issued showing ventilation fans that will be installed by this engineering change to provide the necessary cooling. TVA is still awaiting receipt of information from the fan vendor that will be incorporated on the pertinent electrical drawings.