

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

September 7, 1982

BLRD-50-438/82-20
BLRD-50-439/82-18

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:

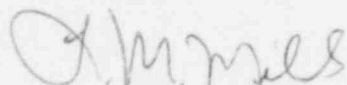
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - OMISSIONS TO AUXILIARY FEEDWATER
PUMP DRAWINGS - BLRD-50-438/82-20, BLRD-50-439/82-18 - THIRD INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on February 25, 1982 in accordance with 10 CFR 50.55(e) as
NCR BLN BLP 8207. This was followed by our interim reports dated
March 25 and July 20, 1982. Enclosed is our third interim report. We
expect to submit our next report by December 15, 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



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
OMISSIONS TO AUXILIARY FEEDWATER PUMP DRAWINGS
NCR BLN BLP 8207
BLRD-50-438/82-20, BLRD-50-439/82-18
10 CFR 50.55(e)
THIRD INTERIM REPORT

Description of Deficiency

The auxiliary feedwater (AFW) pumps were purchased without vent, drain, and turbine bearing cooling water interconnecting piping. Connections to the pumps and turbines were supplied by the respective manufacturer with the understanding that TVA would provide the necessary piping design drawings and materials to meet TVA's and the pump specifications. The vents, drains, and turbine bearing cooling water interconnecting piping were not designed.

Interim Progress

The auxiliary feedwater pump vents, drains, and turbine bearing cooling water interconnecting piping have been designed and incorporated on design criteria diagram (3BW0618-CA-01) and piping design drawing (3BW0418-CA-04, -08, and -12). The turbine bearing cooling piping requires rigorous analysis, and therefore the design has been placed on hold until this analysis is issued.