

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

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December 5, 1983

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, NW, Suite 2900
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 - SIXTH 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,
July 20, September 7, and December 14, 1982 and April 6, 1983. Enclosed is
our sixth interim report. We expect to submit our next report by
November 21, 1984.

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

L. M. Mills, Manager
Nuclear Licensing

Enclosure

cc (Enclosure):

Mr. Richard C. DeYoung, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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Institute of Nuclear Power Operations
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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
OMISSIONS TO AUXILIARY FEEDWATER PUMP DRAWINGS
NCR BLN BLP 8207
10 CFR 50.55(e)
BLRD-50-438/82-20, BLRD-50-439/82-18
SIXTH 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 manufacturers 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 cooling water interconnecting piping is currently under analysis (problems N4-1(2)CA-I, -J, and -K) for seismic qualification. As a result of the preliminary analysis, physical drawings (3BW0418-CA) and design criteria diagrams (DCD) (3BW0618-CA) are being revised.