

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

April 2, 1982 APR 8 8 34

BLRD-50-438/82-25

BLRD-50-439/82-22

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:

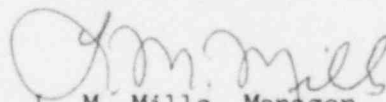
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - INCORRECT INSTALLATION OF PRESSURE
RELIEF AND SAFETY VALVES - BLRD-50-438/82-25, BLRD-50-439/82-22 - FIRST
INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
Don Quick on March 5, 1982 in accordance with 10 CFR 50.55(e) as
NCR BLN BLP 8210. Enclosed is our first interim report. We expect to
submit our next report by July 14, 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 Regulation and Safety

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
INCORRECT INSTALLATION OF PRESSURE RELIEF AND SAFETY VALVES
NCR BLN BLP 8210
BLRD-50-438/82-25, BLRD-50-439/82-22
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Condition I - The two relief valves on the component cooling water supply lines to the shell side of the letdown coolers discharge into a common waste disposal drain header. The waste disposal header is not sized to accommodate both relief valves. Also, there are several other smaller relief valves discharging into this same waste disposal header. This condition applies to units 1 and 2.

Condition II - Two relief valves on the component cooling water piping for the coolers to reactor coolant pump P1A1 discharge into a common line which is sized too small to accommodate both relief valves. This condition applies to unit 1 only.

These conditions violate ASME Code Section III, Division I, ND-3677.3d(2).

Interim Progress

Condition I - TVA is investigating the possibility of routing a line of sufficient capacity for both letdown cooler relief valves to the reactor coolant drain tank instead of the reactor building normal sump as originally designed. This proposal and alternatives are being discussed with B&W.

Condition II - The size of the common drain line from the two relief valves will be increased to accommodate flow from both relief valves.