

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

March 28, 1983

BLRD-50-438/82-28  
BLRD-50-439/82-25

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 - VALVES NOT QUALIFIED TO APPLICABLE  
DESIGN REQUIREMENTS - BLRD-50-438/82-28, BLRD-50-439/82-25 - FOURTH INTERIM  
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
R. V. Crlenjak on April 12, 1982 in accordance with 10 CFR 50.55(e) as  
NCRs BLN BLP 8214 and BLN BLP 8215. This was followed by our interim  
reports dated May 11, August 18, and December 14, 1982. Enclosed is our  
fourth interim report. We expect to submit our next report by August 8,  
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*

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

8304050438 830328  
PDR ADOCK 05000438  
S PDR

OFFICIAL COPY  
IE 27

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
VALVES NOT QUALIFIED TO APPLICABLE DESIGN REQUIREMENTS  
NCR'S BLN BLP 8214 AND BLN BLP 8215  
BLRD-50-438/82-28, BLRD-50-439/82-25  
10 CFR 50.55(e)  
FOURTH INTERIM REPORT

Description of Deficiency

The 3-inch containment isolation and test valves manufactured by Target Rock Valve Company, East Farmingdale, New York (VSEB-018-N and VSEB-019-N) and the air-operated, 4-inch auxiliary feedwater pressure control valves manufactured by YARWAY Corporation, Blue Bell, Pennsylvania (VSEC-046-A and VSEC-047-B) indicated on nonconformance report Nos. BLN BLP 8214 and BLN BLP 8215, respectively, were purchased as nonactive components. These valves should be active components as defined in Regulatory Guide 1.48.

Interim Progress

The valve manufacturer has submitted documentation to TVA for the qualification of the containment isolation and test valves as active components. TVA is currently in the process of reviewing the vendors documentation.

Pressure control valves (VSEC-046-A and VSEC-047-B) have been qualified by the Civil Engineering Support Branch (CEB 820519 257) using the principle of similarity. Documentation for the qualification of the air supply tank associated with the valves has been submitted to TVA for review.