

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

March 19, 1982

BLRD-50-438/81-09

BLRD-50-439/81-09

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 - MAIN FEEDWATER AND CONTAINMENT ISOLATION VALVE MISCATEGORIZATION - BLRD-50-438/81-09, BLRD-50-439/81-09 - FIFTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector M. Thomas on January 6, 1981, in accordance with 10 CFR 50.55(e) as NCR BLN BLP 8015. This was followed by our interim reports dated February 5, May 6, August 18, and November 17, 1981. Enclosed is our fifth interim report. We expect to submit our next report by July 29, 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

8204020238 820319
PDR ADOCK 05000438
S PDR

OFFICIAL COPY

IE 27
11

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
MAIN FEEDWATER AND CONTAINMENT ISOLATION VALVE MISCATEGORIZATION
BLRD-50-438/81-09, BLRD-50-439/81-09
10 CFR 50.55(e)
FIFTH INTERIM REPORT

Description of Deficiency

The following 20" valves are identified as Seismic Category I (active) by design criteria documents. They were inadvertently specified and purchased as Seismic Category I(L) (i.e., limited seismic requirements).

<u>UNID No.</u>	<u>Mark No.</u>	<u>Item No.</u>	<u>Contract</u>	<u>Vendor</u>
1 & 2CF-VKEB-080-B	3BW0401-CF-01	408	77K38-86163-8	Borg-Warner
1 & 2CF-VKEB-081-B	3BW0401-CF-01	408	77K38-86163-8	Borg-Warner
1 & 2CF-VCEB-86-N	3BW0401-CF-10	412	76K38-86163-1	Atwood and Morrill
1 & 2CF-VCEB-87-N	3BW0401-CF-10	412	76K38-86163-1	Atwood and Morrill

The Borg-Warner valves are motor-operated gate valves, and the Atwood and Morrill valves are swing check type.

Interim Progress

Atwood and Morrill has submitted to TVA the seismic and stress report for qualification of the swing check valves to Seismic Category I (active) requirements. TVA has reviewed and approved this report. TVA has contracted with Borg-Warner for the necessary documentation for qualification of the hydraulic-operated gate valves. Borg-Warner is continuing the process of qualifying the hydraulic operators for the gate valves. TVA will review the qualification report when it is submitted by Borg-Warner.