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 MILLS, L.M.    Tennessee Valley Authority  
 RECIP. NAME    RECIPIENT AFFILIATION  
 O'REILLY, J.P.    Region 2, Atlanta, Office of the Director

SUBJECT: First interim deficiency rept re main feedwater & containment isolation valve miscategorization, initially reported on 810106. Site engineers have written QC investigation rept to track & document subj deficiency.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

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THE TENNESSEE VALLEY AUTHORITY  
MEMPHIS, TENNESSEE 38102  
400 Chestnut Street Tower II

February 5, 1981

BLRD-50-438/81-09  
BLRD-50-439/81-09

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II - Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - MAIN FEEDWATER AND CONTAINMENT  
ISOLATION VALVE MIS-CATEGORIZATION - BLRD-50-438/81-09, BLRD-50-439/81-09 -  
FIRST 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. Enclosed is our first interim report. We expect to submit our next report by May 6, 1981.

If you have any questions concerning this matter, please get in touch with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager  
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., 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  
MAIN FEEDWATER AND CONTAINMENT ISOLATION VALVE MISCATEGORIZATION  
BLRD-50-438/81-09, BLRD-50-439/81-09  
10 CFR 50.55(e)  
FIRST 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).

UNID No.	Mark No.	Item No.	Contract	Vendor
1 & 2CF-VKEB-080-B	3BW0401-CF-1	408	77K38-86163-8	Borg-Warner
1 & 2CF-VKEB-081-B	3BW0401-CF-1	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, where the Atwood and Morrill valves are swing check type.

Interim Progress

TVA is in the process of evaluating the subject deficiency. Discussions are underway with the manufacturers on the qualification of the subject valves. Site engineers have written a Quality Control Investigation Report (QCIR-6603) in order to track and document the subject deficiency.