TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

USNRC REGION II
ATLANTA, GEORGIA

June 2, 1982

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BLRD-50-438/82-36
BLRD-50-439/82-33

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 - NONCONFORMING MATERIAL USED BY WKM IN DECAY HEAT REMOVAL VALVES - BLRD-50-438/82-36, BLRD-50-439/82-33 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Don Quick on May 3, 1982 in accordance with 10 CFR 50.55(e) as NCR BLN NEB 8207. Enclosed is our first interim report. We expect to submit our next report by July 19, 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 Licensing

Enclosure
cc: Mr. Richard C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Mr. James McFarland (Enclosure)
Senior Project Manager
Babcock & Wilcox Company
P.O. Box 1260
Lynchburg, Virginia 24505

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
NONCONFORMING MATERIAL USED BY WKM IN DECAY HEAT REMOVAL VALVES
NCR BLN NEB 8207
BLRD-50-438/82-36, BLRD-50-439/82-33
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Babcock & Wilcox (B&W) has recently found that nonconforming material was utilized by WKM in the manufacture of Decay Heat Removal System valves. Carbon steel was utilized instead of stainless steel for the stem to disk pin. Since the situation has occurred in more than one valve, B&W is investigating the need for inspection of all WKM valves of this design. This information was transmitted to TVA via B&W letter D-4072, and the subsequent NCR was written. Bellefonte unit 1 valves 1DH-HV3A and 1DH-HV3B and unit 2 valves 2DH-HV3A and 2DH-HV3B are of this design. The unit 1 valves are installed, while the unit 2 valves are presently at WKM for repairs necessitated in regard to NCRs BLN NEB 8002, 1315, and 1316, which were previously reported under 10 CFR 50.55(e). Bellefonte is the only TVA plant utilizing WKM valves.

Interim Progress

TVA is awaiting the results of B&W's investigation on this matter; and depending upon the outcome of this investigation will then determine any corrective actions.