

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

March 3, 1983 33 MAR 7 A10: 59

BLRD-50-438/83-19

BLRD-50-439/83-15

U.S. Nuclear Regulatory Commission
Region II

Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

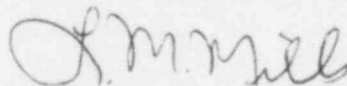
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - PRESSURE DROP ACROSS VELAN
2-1/2-INCH STOP/CHECK VALVE - BLRD-50-438/83-19, BLRD-50-439/83-15 - FIRST
INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
A. K. Hardin on February 2, 1983 in accordance with 10 CFR 50.55(e) as
NCR 2212. Enclosed is our first interim report. We expect to submit our
next report by September 23, 1983. We consider 10 CFR Part 21 applicable
to this deficiency.

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, D.C. 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
PRESSURE DROP ACROSS VELAN 2-1/2-INCH STOP/CHECK VALVE
NCR 2212
BLRD-50-438/83-19, BLRD-50-439/83-15
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

During flushing operations of the makeup and purification (MU/P) and high pressure injection (HPI) systems, seven of nine 2-1/2-inch 1500 lb. Velan stop/check valves intermittently failed to fully open and/or have shown indication of excessive pressure drop.

Interim Progress

Each valve was disassembled and no blockage or defect could be found. Therefore, TVA has been unable to determine the cause of the deficiency. TVA's investigation is continuing, and we expect to return one of the subject valves to Velan for testing.