

TENNESSEE VALLEY AUTHORITY
ATLANTA REGION
CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

82 JUN 30
June 28, 1982

BLRD-50-438/82-40

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:

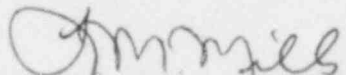
BELLEFONTE NUCLEAR PLANT UNIT 1 - OVERPRESSURIZATION OF MAKEUP AND
PURIFICATION PIPING AND VALVES - BLRD-50-438/82-40 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
D. Quick on May 28, 1982 in accordance with 10 CFR 50.55(e) as NCR 1808.
Enclosed is our first interim report. We expect to submit our next report
by August 9, 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

~~OFFICIAL COPY~~

IE 27

8207060111 820628
PDR ADOCK 05000438
S PDR

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNIT 1
OVERPRESSURIZATION OF MAKEUP AND PURIFICATION PIPING AND VALVES
NCR 1808
BLRD-50-438/82-40
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

During a recent preflush leak test, the piping and valves on the suction side of the unit 1 makeup pumps were inadvertently subjected to a pressure of 1530 lb/in² g. The pressure was applied in increments of 200 lb/in² after an initial pressurization of 100 lb/in². The design pressure for the subject piping and valves is 675 lb/in².

Safety Implications

Had this condition remained uncorrected, overpressurization of the makeup and purification system piping and valves could have resulted in the failure of the subject piping. TVA does not know the exact safety implication; thus, TVA assumes overpressurization of the subject piping system has jeopardized its integrity. Therefore, the subject condition could adversely affect the safe operation of the plant.

Interim Progress

TVA is presently determining if any damage was sustained to the subject valves and piping. TVA has notified Babcock & Wilcox (B&W) of the overpressurization to the B&W-supplied equipment and has requested B&W to provide a recommended disposition.