

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 29, 1982

BLRD-50-438/82-37

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:

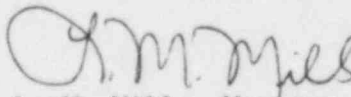
BELLEFONTE NUCLEAR PLANT UNIT 1 - FAILURE OF B.I.F. BUTTERFLY VALVE SEATS -
BLRD-50-438/82-37 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on May 11, 1982 in accordance with 10 CFR 50.55(e) as NCR 1819. This was followed by our first interim report dated June 8, 1982. Enclosed is our second interim report. We expect to submit our next report by February 16, 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 UNIT 1
FAILURE OF B.I.F. BUTTERFLY VALVE SEATS
NCR 1819
BLRD-50-438/82-37
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

The following butterfly valves, manufactured by BIF, a unit of General Signal Corporation, West Warwick, Rhode Island, which are used in the Essential Air System were determined to be leaking in excess of an acceptable rate.

<u>UNID Number</u>	<u>Mark No.</u>	<u>Contract No.</u>	<u>Item No.</u>	<u>BIF Serial Number</u>
1RJ-VTAC-50B	3BW0471-00-20	76K38-86163-3	577	N-49445-10
1RJ-VTAC-44B	3BW0471-00-15	76K38-86163-3	576	N-49444-7
1RJ-VTAC-27A	3BW0471-00-15	76K38-86163-3	576	N-49444-2

Further investigation revealed that the rubber seats had failed because of damage, i.e., the seats were cut and portions were missing. The cause of the damage was not apparent.

Interim Progress

TVA has not yet received BIF's response indicating their recommended disposition or a list of valves that could be subject to the cited deficiency. TVA will provide another report upon receipt of BIF's response.