

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

November 1, 1982

BLRD-50-438/82-04
BLRD-50-439/82-04

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 - BONNET STUDS IMPROPERLY TORQUED ON
DECAY HEAT REMOVAL VALVES - BLRD-50-438/82-04, BLRD-50-439/82-04 - FIFTH
INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on December 22, 1981 in accordance with 10 CFR 50.55(e) as
NCR 1686. This was followed by our interim reports dated January 20,
April 15, June 28, and August 24, 1982. Enclosed is our fifth interim
report. We expect to submit our next report by January 11, 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

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
BONNET STUDS IMPROPERLY TORQUED ON DECAY HEAT REMOVAL VALVES
NCR 1686
BLRD-50-438/82-04, BLRD-50-439/82-04
10 CFR 50.55(e)
FIFTH INTERIM REPORT

Description of Deficiency

The following Borg-Warner (Van Nuys, California) bolted bonnet gate valves were furnished on contract 77K38-86163-8 and were found by field inspection to have bonnet studs which were torqued to values less than required by the applicable vendor drawing (i.e., 160-200 foot-pounds).

<u>Mark No.</u>	<u>Item No.</u>	<u>Drawing No.</u>	<u>Borg-Warner Serial No.</u>	<u>Observed Torque (Ft Lbs)</u>
3AW0412-ND-35	636	80140	26165*	50-100
			26166	20-100
			26167	20-100
			26168*	0-180
3AW0412-ND-45	638	80130	26598	20-180

The valves which are installed and operational (as indicated by *) have been retorqued to the value presently required by the vendor drawing.

Interim Progress

TVA still has not yet received notification from Borg-Warner of all valves supplied to TVA that would be subject to this deficiency. Consequently, this item will remain open until TVA can establish the adequacy of the corrective actions indicated in TVA's previous reports on this deficiency.