

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

September 5, 1985

SEP 9 49:30

BLRD-50-438/85-24

U.S. Nuclear Regulatory Commission
Region II
Attn: Dr. J. Nelson Grace, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Dear Dr. Grace:

BELLEFONTE NUCLEAR PLANT UNIT 1 - DEFICIENCIES IN THE UNIT 1 COMPONENT COOLING
PUMP MOTORS - BLRD-438/85-24 - FIRST INTERIM REPORT

This subject deficiency was initially reported to NRC-OIE Inspector
Art Johnson on August 12, 1985 in accordance with 10 CFR 50.55(e) as NCR
4448. Enclosed is our first interim report. We expect to submit our next
report on or about March 7, 1986. 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

J. A. Damer
J. W. Hufham, Manager
Licensing and Risk Protection

Enclosure

cc: Mr. James Taylor, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Records Center (Enclosure)
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

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ENCLOSURE
BELLEFONTE NUCLEAR PLANT UNIT 1
DEFICIENCIES IN THE UNIT 1 COMPONENT COOLING PUMP MOTORS
BLRD-50-438/85-24
NCR 4448
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Various deficiencies have been identified with all three of the unit 1 component cooling water (KC) pump motors (1KC-EMOT-001-A, -002-B, -003-A) furnished by Babcock and Wilcox (B&W) (Lynchburg, Virginia). These deficiencies include but are not limited to: (1) missing or loose bolts, (2) rusted dowel pins, (3) loose or rusted nuts, and (4) metal filings or debris found in the bearing housings.

The apparent causes of the deficiencies are an inadequate protection of the equipment from the construction environment or inadequate design, adjustment, assembly, and cleaning by the manufacturer.

Interim Progress

TVA has contacted B&W to provide input regarding necessary corrective action, determination of the root cause, and action required to prevent recurrence. In addition, TVA is reviewing circumstances involving the construction environment associated with this equipment for needed corrective actions as required. TVA will provide the next report on this condition on or about March 7, 1986.