

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

January 7, 1983

BLRD-50-438/83-02

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:

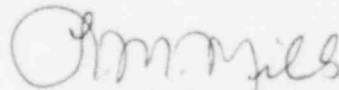
BELLEFONTE NUCLEAR PLANT UNIT 1 - FAILURE OF AIR COMPRESSOR MOTOR -
INGERSOLL RAND - BLRD-50-438/83-02 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
P. E. Fredrickson on December 9, 1982 in accordance with 10 CFR 50.55(e)
as NCR 2102. Enclosed is our first interim report. We expect to submit
our next report on or about June 1, 1983.

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 AIR COMPRESSOR MOTOR - INGERSOLL RAND
NCR 2102
BLRD-50-438/83-02
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

During performance of a functional test on stationary air compressor motor 1RJ-EMOT-002-B, the motor failed during an attempted restart. This is the second instance of this type of failure on this type and size motor (nonconformance report 1942).

Bellefonte is the only TVA nuclear plant to use this size motor and system configuration.

Interim Progress

The stator of the motor is to be returned to the vendor for rework. TVA's Division of Engineering Design has been requested to evaluate the failure and determine possible cause and actions required to prevent recurrence.