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 AUTH. NAME: AUTHOR AFFILIATION
 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME: RECIPIENT AFFILIATION
 O'REILLY, J.P. Region 2, Atlanta, Office of the Director

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SUBJECT: Second interim deficiency rept re incorrect svc factor on nameplate on Westinghouse motors. Specs require svc factor of 1.15. Vendor documentation certifies that motors have svc factor of 1.15; nameplates will be changed.

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 22, 1980

50-438

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - NAMEPLATES ON WESTINGHOUSE MOTORS
- NCR 1191 - SECOND INTERIM REPORT

The subject nonconformance was initially reported to NRC-OIE Inspector B. Cochran on July 9, 1980, in accordance with 10 CFR 50.55(e). This was followed by our first interim report dated August 8, 1980. Enclosed is our second interim report. We expect to submit our next report by January 8, 1981.

If you have any questions concerning this matter, please get in touch with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., Director (Enclosure) ✓
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
NAMEPLATES ON WESTINGHOUSE MOTORS
NCR 1191
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

Name plate data on Westinghouse motors for Auxiliary Building air handling units (AHU) gives the service factors as 1.0. TVA's specification requires a service factor of 1.15.

TVA's research into the problem indicates that no documentation exists in TVA files in the form of test reports or certifications from the vendor to substantiate that the motors have a 1.15 service factor as required by contract. We have therefore assumed that the motor manufacturer's nameplate data is correct and the motors have a service factor of 1.0. Moreover, TVA has found that these motors are among 62 Class IE motors for which we lack environmental qualification documentation. The motors require nuclear grade qualification per IEEE 334-1974 and in accordance with the environmental parameters in the contract.

Interim Progress

TVA has received documentation from the vendor that certifies that the motors mentioned in the NCR have a service factor of 1.15. Nameplates will be changed to reflect the 1.15 service factor. The vendor has yet to supply environmental qualification data for all 62 motors to show compliance with IEEE 334-1974.