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

SUBJECT: Third interim deficiency rept, originally reported on 800709,
 re incorrect svc factors on Westinghouse motor nameplates.
 Nameplates to be changed to reflect vendor-documented svc
 factor.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

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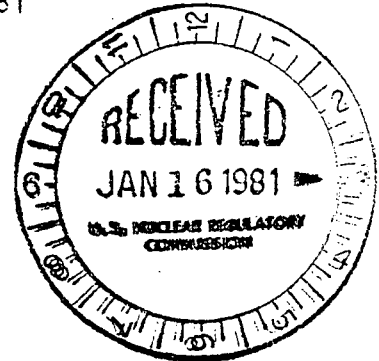
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TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

January 9, 1981

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:

BELLEVILLE NUCLEAR PLANT UNITS 1 AND 2 - NAMEPLATES ON WESTINGHOUSE MOTORS
- NCR 1191 - THIRD 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 interim reports dated August 8 and October 22, 1980. Enclosed is our third interim report. We expect to submit our next report by April 29, 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)

THIRD 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.

TVA has received documentation on environmental qualification on the electrical motors. TVA has reviewed these qualifications and believes they are adequate; however, TVA has requested Westinghouse to verify that the report submitted is applicable to the Bellefonte motors.