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 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME RECIPIENT AFFILIATION

MA,

SUBJECT: First interim deficiency rept re nameplates on Westinghouse motors. Research indicates that no documentation exists to substantiate that motors have 1.15 svc factor as required by contract. Vendor required to prove motor is within spec.

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

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

August 8, 1980

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 - FIRST 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). Enclosed is
our first interim report. We expect to be able to submit our next report
by October 22, 1980.

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
10 CFR 50.55(e)
FIRST 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 required the vendor to furnish documentation that certifies that the motors mentioned in the NCR have a service factor of 1.15. If it is determined that the motors have a service factor of only 1.0, then the vendor will be required to replace them in compliance with the contract specification. Nameplates will be changed only if the 1.15 service factor is verified by documentation. In addition, the vendor has been requested to supply environmental qualification data for all 62 motors to show compliance with IEEE 334-1974.