

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

August 18, 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:

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

The subject nonconformance as 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 and January 9 and April 27, 1981. Enclosed is our fifth interim report. We expect to submit our next report by November 10, 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

A handwritten signature in cursive script, appearing to read "L. M. Mills".

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

8108250647 810818  
FDR ADOCK 05000438  
S PDR

An Equal Opportunity Employer

IE27  
S/1

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

Description of Deficiency

Nameplate 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 nonconformance report have a service factor of 1.15. The 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 is still awaiting response to the request that Westinghouse verify the environmental report submitted is applicable to the Bellefonte motors.