

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8105010330 DOC. DATE: 81/04/27 NOTARIZED: NO DOCKET #  
 FACIL: 50-438 Bellefonte Nuclear Plant, Unit 1, Tennessee Valley Au 05000438  
 50-439 Bellefonte Nuclear Plant, Unit 2, Tennessee Valley Au 05000439  
 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

SUBJECT: Interim Deficiency Rept 4 re nameplates on Westinghouse motors for auxiliary bldg air handling units, initially reported on 800709. Awaiting Westinghouse verification re environ qualification rept applicability to motors.

DISTRIBUTION CODE: B019S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2  
 TITLE: Construction Deficiency Report (10CFR50.55E)

NOTES:

ACTION:	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTTR	ENCL		LTTR	ENCL
ACTION:	A/D LICENSNG 04	1	1	YOUNGBLOOD, B 05	1	1
	RUSHBROOK, M. 06	1	1	BOURNIA, T. 07	1	1
INTERNAL:	ASLBP/J. HARD	1	1	D/DIR HUM FAC15	1	1
	EDU & STAFF 19	1	1	EQUIP QUAL BR11	1	1
	HYD/GEO BR 22	1	1	I&E 09	1	1
	IE/EES	1	1	LIC QUAL BR 12	1	1
	MPA 20	1	1	NRC PDR 02	1	1
	OELD 21	1	1	PROC/TST REV 13	1	1
	QA BR 14	1	1	REG FILE 01	1	1
	RUTHERFORD, W. IE	1	1	STANDRDS DEV 21	1	1
EXTERNAL:	ACRS 16	16	16	LPDR 03	1	1
	NSIC 06	1	1			

MAY 04 1981

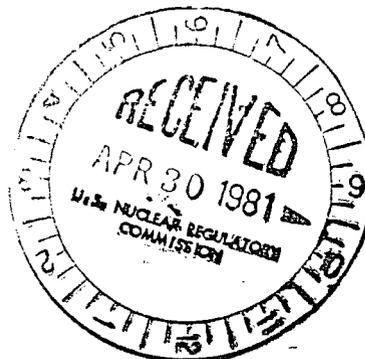
TENNESSEE VALLEY AUTHORITY

DEPARTMENT OF ENERGY

400 Chestnut Street Tower II

April 27, 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:

BELLEFONTAINE NUCLEAR PLANT UNITS 1 AND 2 - NAMEPLATES ON WESTINGHOUSE MOTORS  
- NCR 1191 - FOURTH 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 and January 9, 1981. Enclosed is our fourth interim report. We expect to submit our next report by August 20, 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

8105010 330  
5

B019  
S/1

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
NAMEPLATES ON WESTINGHOUSE MOTORS  
NCR 1191  
10 CFR 50.55(e)  
FOURTH 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 is still awaiting response to the request that Westinghouse verify the report submitted is applicable to the Bellefonte motors.