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

SUBJECT: Fifth deficiency rept re damaged thermocouple wiring for decay heat removal pump motors, initially reported 791121. Westinghouse procedure for testing motors received. Next rept expected by 810819.

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

NOTES:

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INTERNAL:	AD/RCI/IE 17	1	1	ASLBP/J.HARD	1	1
	D/DIR HUM FAC15	1	1	DIR, DIV OF LIC	1	1
	EDO & STAFF 19	1	1	EQUIP QUAL BR11	1	1
	HYD/GEO BR 22	1	1	I&E 09	1	1
	LIC QUAL BR 12	1	1	MPA 20	1	1
	NRC PDR 02	1	1	OELD 21	1	1
	PRCC/TST REV 13	1	1	QA BR 14	1	1
	REG FILE 01	1	1	RUTHERFORD, W. IE	1	1
STANDROS DEV 21	1	1				
EXTERNAL:	ACRS 16	16	16	LPDR 03	1	1
	NSIC 08	1	1			

9.6 1981

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

February 17, 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 - MAKEUP AND PURIFICATION AND DECAY
HEAT REMOVAL PUMP MOTORS WITH DAMAGED THERMOCOUPLE WIRING - NCR'S 1087 AND
1101 - FIFTH INTERIM REPORT

On November 21, 1979, M. J. Gouge, NRC-OIE Region II, was informed that
Nonconformance (NCR) 1087 was determined to be reportable in accordance
with 10 CFR 50.55(e). Since that time, related NCR 1101 has been deter-
mined to be reportable in accordance with 10 CFR 50.55(e). This was fol-
lowed by our interim reports dated December 21, 1979, March 27, May 8, and
October 7, 1980. Enclosed is our fifth interim report. We expect to
submit our next report by August 19, 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
MAKEUP AND PURIFICATION AND DECAY HEAT REMOVAL PUMP MOTORS
WITH DAMAGED THERMOCOUPLE WIRING
NCR'S 1087 AND 1101
10 CFR 50.55(e)
FIFTH INTERIM REPORT

Description of Deficiency

During an equipment inspection, the thermocouple wiring for the makeup and purification and the decay heat removal pump motors had indications of overheating. While the damaged thermocouple wiring in itself does not represent a significant safety problem, the damage could be an indication of more extensive damage to the motors.

Interim Progress

TVA has received the Westinghouse procedure for testing the motors. TVA is awaiting Westinghouse site representation before running the test. On completion of this testing, any additional requirements to ensure the motors are serviceable and warranted will be determined.