

Aug JUL 14 1984 BY W 299

<div style="display: flex; justify-content: space-between;"> <div>NRC Form 366 (9-83)</div> <div>U.S. NUCLEAR REGULATORY COMMISSION APPROVED OMB NO. 3150-0104 EXPIRES: 8/31/85</div> </div> <div style="text-align: center; margin-top: 10px;"> <div style="font-size: 2em; margin-bottom: 5px;">190672</div> LICENSEE EVENT REPORT (LER) </div>												
FACILITY NAME (1) Three Mile Island, Unit 2								DOCKET NUMBER (2) 0 5 0 0 0 3 2 0		PAGE (3) 1 OF 0 1		
TITLE (4) Failure of Incore Thermocouple N-4												
EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)			
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)	
0 6	1 8	8 4	8 4	0 0 9	0 0	0 7	1 7	8 4			0 5 0 0 0	
OPERATING MODE (9) N			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)									
POWER LEVEL (10) 0 1 0 0			20.402(b)			20.408(e)			50.73(a)(2)(iv)			73.71(b)
			20.406(a)(1)(i)			50.36(e)(1)			50.73(a)(2)(v)			73.71(e)
			20.406(a)(1)(ii)			50.36(e)(2)			50.73(a)(2)(vii)			OTHER (Specify in Abstract below and in Text, NRC Form 365A)
			20.406(a)(1)(iii)			50.73(a)(2)(i)			50.73(a)(2)(viii)(A)			
			20.406(a)(1)(iv)			50.73(a)(2)(ii)			50.73(a)(2)(viii)(B)			
			20.406(a)(1)(v)			50.73(a)(2)(iii)			50.73(a)(2)(ix)			
LICENSEE CONTACT FOR THIS LER (12)												
NAME Steven D. Chaplin, TMI-2 Licensing Engineer								TELEPHONE NUMBER 7 1 7 9 4 8 - 8 2 4 4				
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)												
CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPRDS		
X	AIC	TIE I	B11515	N								
SUPPLEMENTAL REPORT EXPECTED (14)												
YES (If yes, complete EXPECTED SUBMISSION DATE)					X	NO		EXPECTED SUBMISSION DATE (15)		MONTH DAY YEAR		
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)												
<p>At 1600 hours on June 18, 1984, Incore Thermocouple N-4 was declared inoperable. The Incore Thermocouple was checked to ensure that the problem is not in any component that is accessible for repairs. No further action is considered applicable. The precise reason for the failure/erratic behavior of Incore Thermocouple N-4 is not known and may not be possible to determine given the condition of the Unit 2 core relative to incore instrumentation.</p> <p>At the time of the occurrence, the Unit 2 facility was in a long-term cold shutdown state. The reactor decay heat was being removed via loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.</p> <p>To date, twelve (12) LER's, including this one, concern thermocouple failures. The others are LER 80-13, 80-41, 80-50, 80-53, 81-05, 81-13, 82-15, 83-10, 83-27, 83-32, and 83-50.</p> <p>There are now nineteen (19) of the fifty-two (52) Incore Thermocouples reported as being out-of-service (B-7, D-14, E-11, F-8, G-5, H-9, H-13, K-11, K-12, L-6, L-11, L-13, M-7, M-9, N-4, N-8, N-9, O-6, and O-12).</p> <p>The failed thermocouple was a Type K (Chromium/Alumel) thermocouple, Model No. DAZA-76-7R-1B-1T-1C, supplied by Babcock and Wilcox, manufactured by Bel Fab, Inc.</p>												

TTP 9.11.84



GPU Nuclear Corporation

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July 17, 1984

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Licensee Event Report 84-09

Attached please find Licensee Event Report 84-09 concerning the failure of Incore Thermocouple 4-N on June 18, 1984.

This event is considered reportable pursuant to Title 10 of the Code of Federal Regulations, Section 50.73(a)(2)(i).

Sincerely,

A handwritten signature in cursive script that reads 'B. K. Kanga'.

B. K. Kanga
Director, TMI-2

BKK/SDC/jep

Attachments

cc: Regional Administrator - Office of I & E, Dr. T. E. Murley
Program Director - TMI Program Office, Dr. B. J. Snyder
Acting Deputy Program Director - TMI Program Office, Mr. P. J. Grant

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