



Metropolitan Edison Company
Post Office Box 480
Middletown, Pennsylvania 17057
717 944-4041

Writer's Direct Dial Number

October 9, 1980
TLL 526

Office of Inspection and Enforcement
Attn: Mr. Boyce H. Grier, Director
Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Licensee Event Report 80-041/01L-0

Attached please find Licensee Event Report 80-041/01L-0 concerning the failure of Incore Thermocouple M-9 on September 9, 1980.

This event is a violation of Section 3.3.3.6, Table 3.10, item 10, and is reportable under Section 6.9.1.8 of the Interim Recovery Technical Specifications.

Sincerely,

G. K. Hovey
Vice-President and
Director, TMI-2

GKH:SDC:dad

Attachments

cc: ~~John T. Collins~~
Bernard J. Snyder

A002
5/1

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LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	P	A	T	M	I	2	2	0	0	-	0	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5	
7	8	LICENSEE CODE						14	15	LICENSE NUMBER											25	26	LICENSE TYPE					30	57	CAT	58

CON'T

REPORT SOURCE 7 8

60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | Incore Thermocouple M-9 began to exhibit erratic behavior, therefore, in accordance

0 3 | with Technical Specification 3.3.3.6 Table 3.3-10, item 10 this report is submitted.

0 4 | This event had no adverse effects on the facility or the natural circulation heat re-

0 5 | moval from the core. 7

0 6 |

0 7 |

0 8 |

7 80

SYSTEM CODE X X (11)		CAUSE CODE E (12)		CAUSE SUBCODE X (13)						COMP. SUBCODE E (15)						VALVE SUBCODE Z (16)	
0 9						I N S T R U (14)											
7 8		9 10		11		12		13		17		18		19		20	
LER/RO REPORT NUMBER (17)		EVENT YEAR 8 0 (22)		— (23)		SEQUENTIAL REPORT NO. 0 4 1 (26)		— (27)		OCCURRENCE CODE 0 1 (29)		REPORT TYPE L (30)		— (31)		REVISION NO. 0 (32)	
ACTION TAKEN Z (18)		FUTURE ACTION Z (19)		EFFECT ON PLANT Z (20)		SHUTDOWN METHOD Z (21)		HOURS 0 0 0 0 (22)		ATTACHMENT SUBMITTED Y (23)		NPRD-4 FORM SUB. N (24)		PRIME COMP. SUPPLIER N (25)		COMPONENT MANUFACTURER B 1 5 5 (26)	
33		34		35		36		37		40		41		42		43	
44		45		46		47		48		49		50		51		52	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The reason for the failure of Thermocouple M-9 is not known and may not be possible
1 1 to determine given the condition of the Unit 2 core relative to incore instrumentation.
1 2 No actions will be taken relative to thermocouple failure.
1 3
1 4

FACILITY STATUS						% POWER						OTHER STATUS						METHOD OF DISCOVERY						DISCOVERY DESCRIPTION																					
1	5	X	(28)	0	0	0	(29)	Recovery Mode						B	(31)	Operator review of thermocouple data																													
7	8	9		10	11	12		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
ACTIVITY CONTENT						RELEASED OF RELEASE						AMOUNT OF ACTIVITY						LOCATION OF RELEASE																											
1	6	Z	(33)	Z	(34)	N/A						N/A																																	
7	8	9		10	11	12		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
PERSONNEL EXPOSURES												DESCRIPTION																																	
1	7	0	(37)	0	0	0	(38)	Z						N/A																															
7	8	9		10	11	12		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
PERSONNEL INJURIES												DESCRIPTION																																	
1	8	0	(40)	0	0	0	(41)	N/A																																					
7	8	9		10	11	12		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
LOSS OF OR DAMAGE TO FACILITY												DESCRIPTION																																	
1	9	Z	(42)	N/A																																									
7	8	9		10	11	12		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
PUBLICITY												DESCRIPTION																																	
2	0	Z	(44)	N/A																																									
7	8	9		10	11	12		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
ISSUED												DESCRIPTION																																	
2	0	Z	(44)	N/A																																									
7	8	9		10	11	12		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
PUBLICITY												DESCRIPTION																																	
2	0	Z	(44)	N/A																																									
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ISSUED												DESCRIPTION																																	
2	0	Z	(44)	N/A																																									
7	8	9		10	11	12		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
PUBLICITY												DESCRIPTION																																	
2	0	Z	(44)	N/A																																									
7	8	9		10	11	12		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31																			

NRC USE ONLY

NAME OF PREPARER Steven D. Chaplin

PHONE: (717) 948-8461

LICENSEE EVENT REPORT
NARRATIVE REPORT

TMI-2

LER 80-041/01L-0
EVENT DATE - September 9, 1980

I. EXPLANATION OF OCCURRENCE

Incore Thermocouple M-9 began to exhibit erratic behavior; therefore, in accordance with Technical Specification 3.3.3.6, Table 3.3-10, Item 10, this report is being submitted.

II. CAUSE OF THE OCCURRENCE

The precise reason for the failure/erratic behavior of Incore Thermocouple M-9 is not known and may not be possible to determine given the condition of the Unit 2 core relative to incore instrumentation.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

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 natural circulation to the "A" steam generator which is operating in a 'steaming' mode. Throughout the event there was no effect on the Reactor Coolant System or the core.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

IMMEDIATE

No immediate action is applicable.

LONG TERM

No long-term action is applicable.

V. COMPONENT FAILURE DATA

The failed thermocouple was a Type K (Chromium/Alumel) thermocouple, Model No. DAZA-76-7R-1B-1T-1C supplied by Babcock & Wilcox and manufactured by Bel Fab, Inc.