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Writer's Direct Dial Number

July 9 , 1980
TLL 328

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 II (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Licensee Event Report 80-025/03L-0

Attached please find Licensee Event Report 80-025/03L-0 concerning the Reactor Coolant Inlet Temperature Meter Failure on the Remote Shutdown Monitoring Instrument Panel, on June 7, 1980.

This event constitutes a violation of Section 3.3.3.5 and is considered reportable under Section 6.9.1.9.b of the Interim Recovery Technical Specifications.

Sincerely,

/s/ G. K. Hovey

G. K. Hovey
Director, TMI-II

GKH:SDC:dad

Attachments

cc: J. T. Collins
B. J. Snyder

A002
5/11

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 P A T M I 2 0 0 - 0 0 0 0 0 0 - 0 0 4 1 1 1 1 1 5
7 8 9 14 15 25 26 30 37 58

CON'T
0 1 REPORT SOURCE L 0 5 0 0 0 0 3 2 0 7 0 6 0 7 8 0 8 0 7 0 7 8 0 9
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0 2 While in the Recovery Mode of Operation (cold shutdown-decay heat removal) the
0 3 Reactor Coolant Inlet Temperature Meter on the remote shutdown monitoring instru-
0 4 ment panel was observed (during surveillance testing) to be inoperable.
0 5 on June 7, 1980. This was a violation of Tech Spec 3.3.3.5 and is considered re-
0 6 portable under Section 6.9.1.9.b. of the Interim Recovery Tech. Specs. This event
0 7 had no effect on the plant, its operation, or the health and safety of the public.

0 9 SYSTEM CODE I E 11 CAUSE CODE E 12 CAUSE SUBCODE G 13 COMPONENT CODE I N S T R U 14 COMP. SUBCODE I 15 VALVE SUBCODE Z 16
7 8 9 10 11 12 13 14 15 16 17 18 19 20
17 LER/RO REPORT NUMBER 8 0 21 22 SEQUENTIAL REPORT NO. 0 2 5 24 25 OCCURRENCE CODE 0 3 28 29 REPORT TYPE L 30 31 REVISION NO. 0 32
18 ACTION TAKEN X 19 FUTURE ACTION C 20 EFFECT ON PLANT Z 21 SHUTDOWN METHOD Z 22 HOURS 0 0 0 0 37 40 ATTACHMENT SUBMITTED Y 23 41 NFRD-4 FORM SUB. N 24 42 PRIME COMP. SUPPLIER L 25 43 COMPONENT MANUFACTURER W 1 2 5 47 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 The Temperature Meter, a Weston Digital Voltmeter Model 1230 (110V) ceased
1 1 functioning. A replacement meter was ordered. Estimated meter return to service date
1 2 was estimated as being well in excess of the action period of T.S. 3.3.3.5 so a
1 3 voltmeter was installed temporarily. Voltage readings are converted to temperature
1 4 using a conversion table.

1 5 FACILITY STATUS X 28 29 % POWER 0 0 0 12 13 OTHER STATUS Recovery Mode 30 METHOD OF DISCOVERY B 31 32 DISCOVERY DESCRIPTION Operator Observation/Surveillance
1 6 ACTIVITY RELEASED OF RELEASE Z 33 34 CONTENT Z 35 36 AMOUNT OF ACTIVITY N/A 37 38 LOCATION OF RELEASE N/A 39
1 7 PERSONNEL EXPOSURES NUMBER 0 0 0 9 10 TYPE Z 11 12 DESCRIPTION N/A 13 39
1 8 PERSONNEL INJURIES NUMBER 0 0 0 9 10 DESCRIPTION N/A 11 12 40 41
1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 43 DESCRIPTION N/A 44 45 46
2 0 PUBLICITY ISSUED Z 44 45 DESCRIPTION N/A 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 NRC USE ONLY

NAME OF PREPARER Steven D. Chaplin
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LICENSEE EVENT REPORT
NARRATIVE REPORT
TMI-II
LER 80-025/03L-0
EVENT DATE - June 7, 1980

I. EXPLANATION OF OCCURRENCE

During the surveillance of the Remote Shutdown Monitoring instrumentation the reactor coolant system inlet temperature meter was found inoperable. This constituted a violation of T.S. 3.3.3.5 Table 3.3-9, Item 1 and placed the unit in a 30-day action period.

This event is considered reportable under Tech Spec 6.9.1.9.b.

II. CAUSE OF THE OCCURRENCE

The cause of the channel inoperability is failure of the meter indicator on the remote shutdown monitoring instrument panel.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit II 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 Loss of Natural Circulation heat removal in the RCS system.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

IMMEDIATE

None applicable

LONG TERM

A new meter was ordered. The lead time for receipt of a new meter and its subsequent installation is estimated to be well in excess of 30 days. Therefore, a temporary voltmeter was connected to obtain direct indications. The voltage readings are converted to temperature using a conversion table to obtain °F readings.

V. COMPONENT FAILURE DATA

Weston Digital Voltmeter Model 1240 110V Cat. 027487.