

JUL 22 1982



**GPU Nuclear**  
P.O. Box 480  
Middletown, Pennsylvania 17057  
717-944-7621  
Writer's Direct Dial Number:

June 30, 1982  
4400-82-L-0108

Office of Inspection and Enforcement  
Attn: Mr. Ronald C. Haynes, Director  
Region I  
US Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)  
Operating License No. DPR-73  
Docket No. 50-320  
Licensee Event Report 82-019/03L-0

Attached please find Licensee Event Report 82-019/03L-0 concerning the inoperability of the wind speed, wind direction, and air temperature instruments at TMI-2 on June 1, 1982.

This event concerns Section 3.3.3.4 and is considered reportable under Section 6.9.1.9(b) of the Interim Recovery Technical Specifications.

Sincerely,

A handwritten signature in cursive script that reads "J. J. Barton".

J. J. Barton  
Acting Director, TMI-2

JJB/SDC/jep

Attachments

CC: L. H. Barrett, Deputy Program Director - TMI Program Office  
B. J. Snyder, Program Director - TMI Program Office  
V. Stello, Deputy Executive Director

8207090182 820630  
PDR ADDCK 05000320  
S PDR

1E22

LICENSEE EVENT REPORT

Attachment 1  
4400-82-L-0108

CONTROL BLOCK: \_\_\_\_\_ (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 8 9 14 15 25 26 30 57 CAT 58 (5)  
0 1 | P A T M I 2 | 2 | 0 0 - 0 0 0 0 0 - 0 0 | 3 | 4 1 1 1 1 | 4 | \_\_\_\_\_ | 5  
 LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T  
 7 8 60 61 68 69 74 75 90  
0 1 | R E P O R T | L | 6 | 0 5 0 0 0 3 2 0 | 7 | 0 6 0 1 8 2 | 8 | 0 6 3 0 8 2 | 9  
 REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | At 1657 hours on June 1, 1982, the wind speed, wind direction, and air temperature  
0 3 | indication in the Unit 2 Control Room was lost. This event is considered reportable  
0 4 | per Section 6.9.1.9(b) due to entry into and compliance with the action statement of  
0 5 | Technical Specification 3.3.3.4. This LER is similar to LER's 81-35, 81-36, and 81-38.  
0 6 | This event had no effect on the plant, its operation, or the health and safety of the  
0 7 | public.  
0 8 | \_\_\_\_\_  
 7 8 9

7 8 9 11 12 13 18 19 20 21 22 23 24 26 27 28 29 30 31 32 33 34 35 36 37 40 41 42 43 44 47 (26)  
0 9 | SYSTEM CAUSE CAUSE COMPONENT COMP. VALVE | CODE CODE SUBCODE CODE SUBCODE SUBCODE | T F (11) C Z (12) I N S T R U (13) P (14) Z (15) Z (16)  
 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.  
17 | 8 2 | 0 1 9 | | L | | 0  
 ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
18 | A | 19 | Z | 20 | Z | 21 | Z | 0 0 0 0 | 23 | Y | 24 | N | 25 | A | 26 | N 0 4 9  
 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | This event was apparently caused by lightning striking the meteorological tower  
1 1 | resulting in two blown amplifier chips in the buffer amplifier and a blown fuse in the  
1 2 | 12 volt power supply. The components were replaced and the meteorological instruments  
1 3 | returned to service at 1945 hours on June 1, 1982.  
1 4 | \_\_\_\_\_  
 7 8 9

7 8 9 10 12 13 44 45 46 47 (32) 80  
1 5 | FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)  
1 | X (28) | 0 0 0 (29) | Recovery mode | A (31) | Operator observation  
 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)  
1 6 | Z (33) | Z (34) | N/A | N/A  
 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)  
1 7 | 0 0 0 (37) | Z (38) | N/A  
 PERSONNEL INJURIES NUMBER DESCRIPTION (41)  
1 8 | 0 0 0 (40) | N/A  
 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)  
1 9 | Z (42) | N/A  
 7 8 9

7 8 9 10 68 69 80  
2 0 | P U B L I C I T Y I S S U E D D E S C R I P T O R | 8207090191 820630 PDR ADOCK 05000320 PDR | \_\_\_\_\_ | NRC USE ONLY  
 PUBLICITY ISSUED DESCRIPTION

NAME OF PREPARER Steven D. Chaplin

PHONE: (717) 948-8461

LICENSEE EVENT REPORT  
NARRATIVE REPORT  
TMI-II  
LER 82-109/03L-0  
EVENT DATE - June 1, 1982

I. EXPLANATION OF OCCURRENCE

At 1657 hours on June 1, 1982, the wind speed, wind direction, and air temperature indication in the Unit 2 Control Room was lost. This condition caused the unit to enter the action statement of Technical Specification 3.3.3.4 (Table 3.3-8).

The wind direction, wind speed, and air temperature indication was returned to service at 1945 hours on June 1, 1982. This event is considered reportable under Technical Specification 6.9.1.9(b) due to entry into and compliance with the action statement of Technical Specification 3.3.3.4.

II. CAUSE OF THE OCCURRENCE

The event was apparently caused by lightning striking the meteorological tower. The lightning strike resulted in a fuse in the twelve (12) volt power supply being "blown" along with two (2) amplifier chips (LM324 chips) in the "buffer" amplifier.

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 loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

Immediate

The loss of meteorological information was investigated, the cause determined, and the blown components replaced by 1945 hours on June 1, 1982.

Long-Term

Based upon the unusually severe storm and nature of the failure, no further action is considered appropriate.

V. COMPONENT FAILURE DATA

N/A