NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

Attachment 1
4410-83-L-0002

LICENSEE EVENT REPORT

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

01 | LICENSEE CODE: P A T M I 2 (2) | LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3) | LICENSE TYPE: 4 1 1 1 1 (4) | CAT (5)

CON'T 01 | REPORT SOURCE: L (6) | DOCKET NUMBER: 0 5 0 0 0 3 2 0 (7) | EVENT DATE: 1 2 0 2 8 2 (8) | REPORT DATE: 0 1 0 5 8 3 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 At 1030 hours on December 2, 1982, the Unit 2 Control Room indication for windspeed,
03 direction, and air temperature delta T were determined to have failed. An investi-
04 gation was initiated. The instruments were returned to service at 1115 hours on
05 December 2, 1982. At 1035 hours on December 13, 1982, the same instruments failed
06 again. An investigation was performed and corrective action taken. The instruments
07 were returned to service at 1555 hours on December 13, 1982. These events had no
08 effect on the plant, its operation, or the health and safety of the public.

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
09	I E (11)	X (12)	Z (13)	X X X X X X (14)	Z (15)	Z (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 2	—	0 3 8	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	B (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	A (25)	Z 9 9 9 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The causes were problems associated with a loose cable plug. The plug locking screws,
11 which normally hold the connector securely in place, had failed. In addition, the
12 metal contacts in the plug were separating from the plug due to the weight of the
13 cable. This created a discontinuity in some of the conductors of the plug. The
14 connector has been bypassed until a permanent repair is accomplished.

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
15	X (28)	0 0 0 (29)	Recovery mode	A (31)	Operator observation

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
16	Z (33)	Z (34)	N/A	N/A

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
17	0 0 0 (37)	Z (38)	N/A

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
18	0 0 0 (40)	N/A

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
19	Z (42)	

8301140027 830105
PDR ADOCK 05000320
S PDR

PUBLICITY

	ISSUED	DESCRIPTION (45)	NRC USE ONLY
20	N (44)	N/A	

NAME OF PREPARER Steven D. Chaplin PHONE: (717) 948-8461

GPO 917-926

LICENSEE EVENT REPORT
NARRATIVE REPORT
TMI-II
LER 82-038/03L-0
EVENT DATES - December 2 and 13, 1982

I. EXPLANATION OF OCCURRENCE

At 1030 hours on December 2, 1982, the Unit 2 Control Room indication for windspeed, direction, and air temperature ΔT were determined to have failed. The instruments were declared inoperable and an investigation to determine the cause was initiated. The Windspeed/Direction and Air Temperature ΔT instruments were returned to service at 1115 hours on December 2, 1982. At 1035 hours on December 13, 1982, the Unit 2 Control Room indication for windspeed, direction, air temperature ΔT failed again. The instruments were declared inoperable and repairs effected. The instruments were returned to service at 1555 hours on December 13, 1982. Both conditions placed the unit in the action statement of Technical Specification 3.3.3.4 and are considered reportable pursuant to Section 6.9.1.9(b) of the Recovery Technical Specifications.

II. CAUSE OF THE OCCURRENCE

The causes, as determined after the second failure, were problems associated with a loose cable plug. The plug was part of the instrument electrical harness where it entered the processor cabinet in the meteorological instrument shack. The plug locking screws, which normally hold the connector securely in place, had failed. In addition, the metal contacts in the plug were separating from the plug due to the weight of the cable. This is believed to be the cause of the December 2, 1982, failure as well.

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

Upon discovery of the failure on December 2, an investigation was initiated to determine the cause of the problem. It was observed that the instrument readouts local to the meteorological tower were operating. The Control Room was notified that the instruments seemed to be functioning. The Control Room noted at this time that the Control Room indication was again in service. The instrument loops were checked and no problems were found. It was also verified later that the power supply for the instruments had not failed nor been removed from service at the time of the event.

For the event on December 13, 1982, investigation identified an open circuit in some of the conductors of the processor cabinet plug. The connector has been bypassed with temporary leads (jumpers) until a permanent repair is accomplished.

V. COMPONENT FAILURE DATA

N/A