

LICENSEE EVENT REPORT

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

01 PATMI 12 00 - 000000 - 0003 411111 45
7 8 9 14 15 25 26 30 37 CAT 38

CON'T

01 REPORT SOURCE L 6 050002 89 7 0826 83 8 0926 83 9
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On August 26, 1981, while taking normal once-per-shift readings an operator found
03 no sample flow to RM-A5 (condenser exhaust monitor). The monitor was operable
04 when inspected the previous shift. There was insignificant geaseous activity on
05 the secondary side due to extended plant shutdown. Public health and safety were
06 unaffected.

07
08

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE
B B 11 B 12 A 13 Z Z Z Z Z Z 14 Z 15 Z 16
9 10 11 12 13 18 19 20
17 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
8 3 0 2 0 0 3 L 0
21 22 23 24 26 27 28 29 30 31 32
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
E 18 X 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 Z 25 Z 9 9 9 9 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Lack of sample flow was apparently caused by moisture condensing in the monitor
11 sample line. Flow was increased to blow out the moisture then immediately returned
12 to normal. RM-A5 will be drained once per shift. Engineering evaluation will be
13 performed to analyze moisture condensation problem solution.

14

15 FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)
X 28 0 0 0 29 NRC Order B 31 Operator Observation
7 8 9 10 11 12 13 44 45 46 80

16 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)
Z 33 Z 34 N/A N/A
7 8 9 10 11 12 44 45 80

17 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)
0 0 0 37 Z 38 N/A
7 8 9 10 11 12 13 80

18 PERSONNEL INJURIES NUMBER DESCRIPTION (41)
0 0 0 40 N/A
7 8 9 10 11 12 80

19 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)
Z 42 N/A
7 8 9 10 11 12 80

20 PUBLICITY ISSUED DESCRIPTION (45)
N 44
7 8 9 10 80

8310190164 830926
PDR ADOCK 05000289
S PDR

NRC USE ONLY

NAME OF PREPARER R. A. Szczech

PHONE: (717) 948-8833

No Flow to RM-A5

I. Current Activities at the Time of the Occurrence

Reactor Coolant System at 310 psig, 130° F, preparing for heatup for OTSG hot testing.

II. Circumstances Leading to the Occurrence

Vacuum established in the condenser.

III. Description

At approximately 1010 hours on August 26, 1983, while taking normal once-per-shift readings, the operator found no flow indicated on the rotameter for RM-A5 (condenser exhaust monitor). The rotameter showed indications of moisture on the glass.

Technical Specification 3.21.2 requires this monitor to be operable. If not operable, grab samples are to be taken every eight hours. Since the monitor was operable when inspected the previous shift, and since the monitor was immediately restored to operability, no grab samples were taken. This event is considered reportable in accordance with Technical Specification 6.9.2.B.2.

IV. Resultant Events

There were no resultant events. At this time, there is insignificant gaseous activity on the secondary side, due to extended plant shutdown since 1979.

V. Previous Events of a Similar Nature

None. Although RM-A5 has been operational since initial plant startup in 1974, it did not become a Technical Specification monitor until November, 1981. It was only recently that vacuum was established in the condenser, thus requiring RM-A5 operability.

VI. Root Cause

The lack of flow was apparently caused by moisture condensing in the monitor sample lines. Design provisions were not made to prevent this.

VII. Immediate Corrective Action

Monitor flow was increased to blow out the moisture, then re-established at a normal flow rate.

VIII. Long Term Corrective Action

Provision has been made to drain moisture from RM-A5 once per shift.

A request was submitted for engineering evaluation (EER 83-067-M) to determine the need for a hardware modification to eliminate the moisture condensation problem.

IX. Component Failure Data

Not applicable.



GPU Nuclear Corporation
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TELEX 84-2386
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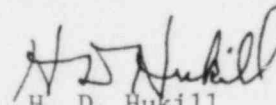
Dr. T. E. Murley
Region I, Regional Administrator
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
LER 83-020/03L-0

This letter transmits Licensee Event Report 83-020/03L-0 concerning inadvertent isolation of condenser monitor. Public health and safety were unaffected.

Sincerely,


H. D. Hukill
Director, TMI-1

HDH:RAS:vjf

Enclosures

cc: R. Conte
Document Management Branch

IE22
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