

UPDATE REPORT -- PREVIOUS REPORT DATE March 24, 1983

NOV 16 1984

NRC FORM 365 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

update on tripping of Aux BLDG supply and exhaust fans

LICENSEE EVENT REPORT

363
B&W

CONTROL BLOCK: 19154010

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | 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 9 14 15 25 26 30 57 CAT 58

CON'T
01 | L | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 2 | 0 | 7 | 0 | 2 | 2 | 2 | 8 | 3 | 8 | 1 | 0 | 1 | 2 | 8 | 4 | 9
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | At approximately 2048 hours on February 22, 1983, the Auxiliary Building Exhaust
03 | Fan tripped. This resulted in Supply Fans AH-E-7A/B tripping. The ventilation
04 | system was returned to normal at 2315 hours on February 22, 1983. This event is
05 | considered reportable pursuant to Section 6.9.1.9(b) due to entry into and compliance
06 | with the requirement of the Action Statement of Tech Spec 3.9.12. This event had
07 | no effect on the health and safety of the public. This event is similar to LER's
08 | 82-28 and 82-12.

09 | A | A | 11 | X | 12 | Z | 13 | B | L | O | W | E | R | 14 | Z | 15 | Z | 16
7 8 9 10 11 12 13 14 15 16 17 18 19 20
17 | LER/RO REPORT NUMBER | 8 | 3 | 21 22 | - | 23 | 0 | 0 | 1 | 7 | 24 26 | 0 | 3 | 28 29 | X | 30 | - | 31 | 1 | 32
18 | X | 18 | Z | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | 37 40 | Y | 23 | N | 24 | A | 25 | B | 5 | 1 | 5 | 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | Exhaust Fans AH-E-8A/B were started and the system returned to normal at 2315 hours
11 | on February 22, 1983. An investigation by Plant Engineering determined no
12 | identifiable cause of the fan trip. The control and alarm circuitry was observed
13 | to be functioning properly.

14 |
15 | X | 28 | 0 | 0 | 0 | 29 | Recovery Mode | 30 | A | 31 | Operator observation | 32
7 8 9 10 11 12 13 14 15 16 17 18 19 20

16 | Z | 33 | Z | 34 | N/A | 35 | N/A | 36
7 8 9 10 11 12 13 14 15 16 17 18 19 20

17 | 0 | 0 | 0 | 37 | Z | 38 | N/A | 39
7 8 9 10 11 12 13 14 15 16 17 18 19 20

18 | 0 | 0 | 0 | 40 | N/A | 41
7 8 9 10 11 12 13 14 15 16 17 18 19 20

19 | Z | 42 | N/A | 43 | 8410230066 841012
PDR ADOCK 05000320
S PDR

20 | N | 44 | N/A | 45 | NRC USE ONLY
7 8 9 10 11 12 13 14 15 16 17 18 19 20

NAME OF PREPARER Russ Wells

PHONE (717) 948-8461

Refer to 10.21.88

Rev. 0 on file

LER 83-007/03X-1
EVENT DATE - February 22, 1983

I. EXPLANATION OF THE OCCURRENCE

At approximately 2048 hours on February 22, 1983, the Auxiliary Building Exhaust flowrate decreased to 36,000 cfm. This event was discovered at 2100 hours during a routine check by the Control Room Operator. Upon checking the condition of the exhaust fans, AH-E-8C/D, the operator observed that fan AH-E-8D had tripped. As designed, this tripped the supply fans AH-E-7A/B. The 36,000 cfm was below the minimum allowed exhaust flowrate of 54,000 cfm as specified in Recovery Operations Plan surveillance requirement 4.9.12.2.a.1. At 2100 hours the Auxiliary Building Air Cleanup Exhaust System was declared inoperable due to entry into the Action Statement of Technical Specification 3.9.12. At approximately 2148 hours, Exhaust Fans AH-E-8A/B were started and the Auxiliary Building Air Cleanup Exhaust System was declared operable at 2315 hours.

This event is considered reportable under Section 6.9.1.9(b) due to entry into and compliance with the requirements of the Action Statement of Technical Specification 3.9.12.

This event is similar in nature to LER's 82-28 and 82-12.

II. CAUSE OF THE OCCURRENCE

No cause has been identified for the tripping of exhaust fan AH-E-8D.

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: Exhaust fans AH-E-8A/B were started and the Auxiliary Building Exhaust flowrate returned to normal.

Long-Term: An investigation performed by Plant Engineering determined no identifiable cause for the tripping of exhaust fan AH-E-8D. The control and alarm circuitry for the Auxiliary Building fans were observed to be functioning properly.

V. COMPONENT FAILURE DATA

N/A



GPU Nuclear Corporation

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October 12, 1984

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Updated Licensee Event Reports

The Licensee Event Reports listed in Attachment 1 have been updated and are enclosed as Attachment 2 to this letter.

If you have any questions concerning this information, please contact Mr. J. J. Byrne of my staff.

Sincerely,

F. R. Standerfer
Vice President/Director, TMI-2

FRS/RDW/jep

Attachments

cc: Regional Administrator - Office of I & E, Dr. T. E. Murley
Program Director - TMI Program Office, Dr. B. J. Snyder
Deputy Program Director - TMI Program Office, Mr. L. H. Barrett

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LER UPDATE PACKAGE

82-038/03L-1
83-007/03X-1
83-020/03X-1
83-021/03X-1
83-022/03X-1
83-023/01X-1
83-024/01X-1
83-025/03X-1
83-031/03X-1
83-036/03X-2
83-040/03X-1
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