

**GPU Nuclear** 

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

June 3, 1982 4400-82-L-0093

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

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Licensee Event Report 82-014/03L-0

Attached please find Licensee Event Report 82-01\$/03L-0 concerning the low Auxiliary Building ventilation exhaust flowrate on May 4, 1982.

This event concerns Section 3.9.12 and is considered reportable under Section 6.9.1.9(b) of the Interim Recovery Technical Specifications.

Sincerely,

J. J. Barton / Acting Director, TMI-2

JJB:SDC:djb

Attachments

cc: L. H. Barrett, Deputy Program Director - TMI Program Office Dr. B. J. Snyder, Program Director - TMI Program Office V. Stello, Deputy Executive Director Operations & Generic Requirements U. S. Nuclear Regulatory Commission Washington, D.C. 20555

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GPU Nuclear is a part of the General Public Utilities System

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# LICENSEE EVENT REPORT

Attachment 1

V. O. HOUSENII HEGGENTON ....

	CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1 8	P A T M I 2 2 0 0 - 0 0 0 0 0 0 0 4 1 1 1 1 1 1 4 5 5 EICENSE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58
CON'T	REPORT L 6 0 5 0 0 3 2 0 7 0 5 0 4 8 2 8 0 6 0 3 8 2 9  SOURCE 60 61 DUCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80
0 2	EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)  [ At 1900 hours on May 4, 1982 it was observed that the Auxiliary Building ventilation ]
0 3	exhaust flowrate had been fluctuating between 67,000 cfm and 63,000 cfm, repeatedly
0 4	dropping below the Tech Spec (TS) referenced exhaust flowrate of <a>65,000 cfm. Flow</a>
0 5	recorders show that the flow oscillation condition existed since 1500 hours. This
0 6	event is considered reportable per Tech Spec 6.9.1.9(b) due to entry into and
0 7	compliance with the action statement of Tech Spec 3.9.12. This event had no effect
0 8	on the health and safety of the public.
0 9	SYSTEM CAUSE CODE SUBCODE COMPONENT CODE SUBCODE SUBCO
	LER/RO REPORT NUMBER 2 23 24 26 27 28 29 30 31 32
	ACTION FUTURE EFFECT SHUTDOWN HOURS 22 ATTACHMENT SUBMITTED FORM SUB. PRIME COMP. COMPONENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER  \[ \text{X} \ \begin{pmatrix} \text{I8} & \text{Z} \ \text{19} & \text{2}
1 0	Investigation identified no apparent cause for the flowrate oscillations. The
1 1	operating exhaust fans AH-E-8C and 8D were secured and fans 8A and 8B were started
1 2	at 1943 hours on May 4, 1982. No oscillations were observed after that time.
1 3	
1 4	
1 5	FACILITY STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 METHOD OF DISCOVERY DESCRIPTION 32 A 31 Operator observation
F	ACTIVITY CONTENT 12 13 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46
7 8	Z   (33)   Z   (34)   N/A   N/A   N/A   N/A   PERSONNEL EXPOSURES   80
1 7 7 8	NUMBER TYPE DESCRIPTION (39)  O O O O O O O O O O O O O O O O O O O
1 8	NUMBER DESCRIPTION (41)  0 0 0 40 N/A
1 9	9 11 12 LOSS OF OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION    Z  (42)  N/A
7 8	9 10 8206110295 820603 80
2 0	N (44) PDR   1   1   1   1   1   2   3
	NAME OF PREPARER Steven D. Chaplin PHONE: (717) 948-8461

# LICENSEE EVENT REPORT NARRATIVE REPORT TMI-II LER 82-014/03L-0 EVENT DATE - May 4, 1982

## I. EXPLANATION OF OCCURRENCE

At 1900 hours on May 4, 1982 it was observed that the Auxiliary Building ventilation exhaust flowrate had been fluctuating between 67,000 cfm and 63,000 cfm, repeatedly dropping below the Tech Spec (TS) referenced exhaust flowrate of  $\geq$ 65,000 cfm. Flow recorders show that the flow oscillation condition existed since 1500 hours. This event is considered reportable per Tech Spec 6.9.1.9(b) due to entry into, and compliance with, the Action Statement of Tech Spec 3.9.12. This event had no effect on the health and safety of the public.

## 11. CAUSE OF THE OCCURRENCE

Upon realization of the fluctuations, limited investigation could not identify the cause of the oscillations. Then at 1943 hours the then operating exhaust fans (AH-E-8C and 8D) were secured and fans 8A and 8B were started. Subsequent investigations included checks of the exhaust fan/vortex damper units, the damper control units, and the flow instruments. Nothing was identified which could account for the flow oscillations.

## III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit 2 facility was in a longterm 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**

Upon securing exhaust fans AH-E-8C/8D and starting AH-E-8A/8B the flowrate oscillations were eliminated.

### LONG TERM

No further actions are considered appropriate at this time based on the fact that no equipment problems could be identified which could account for the oscillations and also that the 8C/8D fans have been operated since May 4, 1982 without any evidence of the oscillations. In the event that this phenomena reoccurs, the Operations Department will promptly initiate an investigation while flow oscillations exist.

# V. COMPONENT FAILURE DATA

N/A