

#### **GPU Nuclear Corporation**

Post Office Box 480 Route 441 South Middletown, Pennsylvania 17057 717 944-7621 TELEX 84-2386 Writer''s Direct Dial Number:

October 22, 1982 4410-82-L-0033

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 (IMI-2) Operating License No. DPR-73 Docket No. 50-320 Licensee Event Report 82-028/031-0

Attached please find Licensee Event Report 82-028/03L-0 concerning the low exhaust flowrate of the Auxiliary Building Ventilation System on September 15, 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.

This Licensee Event Report is being submitted after the thirty (30) day Technical Specification requirement as discussed by Mr. S. D. Chaplin of TMI-2 Licensing and Mr. J. S. Wiebe, Servior Resident Inspector, US Nuclear Regulatory Commission on Friday, October 15, 1982.

> B. K. Kanga Director, TMI/2

8211020148 821022 PDR ADUCK 05000320 S PDR

BKK/SDC/jep
Attachments
CC: Mr. L. H. Barrett, Deputy Program Director - TMI Program Office
Dr. B. J. Snyder, Program Dir ctor - TMI Program Office
Mr. V. Stello, Deputy Executive Director

GPU Nuclear Corporation is a subsidiary of the General Public Utilities Corporation

IEN

NRC CORM 366 U. S. NUCLEAR REGULATORY CONMISSION (7.77) Attachment 1 4410-82-L-0033 LICENSEE EVENT REPORT CONTROL BLOCK: JO (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) ](5) 0 1 CON'T REPORT L 60 5 0 0 0 3 2 0 0 0 9 1 5 8 2 8 1 0 1 5 8 2 9 0 1 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) 1 At 0030 hours on September 15, 1982, the Auxiliary Building exhaust flowrate dropped 0 2 [013] | from 65,000 cfm to 49,000 cfm for approximately 20 minutes then returned to 55.000 cfm The ventilation system was returned to service at 0522 hours. This LER is similar to 04 LER 82-14. This event is considered reportable under 6.9.1.9(b) due to entry into the 0 6 laction statement of Technical Specification 3.9.12. This event had no effect on the 06 0 7 health and safety of the public. OB SYSTEM CAUSE CAUSE COMP. VALVE SUBCODE CODE CODE COMPONENT CODE R 14 0 9 X (12) Z (13) 10 E Z (15) zl (16) BIL WI SEQUENTIAL OCCURRENCE REPORT REVE.ON REPORT NO CODE TYPE NO. LER/RO (17 8 121 REPORT 01218 01 31 0 12 COMPONENT TAKEN EFFECT SHUTDOW SUBMITTED NPRD-4 PRIME COMP. (2) HOURS 2 (2) 01010 IN QA 0 @ليا Z (20) A 25 G 1 7 1 (26) (18) SE DESCRIPTION AND CORRECTIVE ACTIONS 10 Investigation could determine no cause for the low flow condition. Investigation included a check of system components for broken fan belts, stuck dampers, etc. on both the Auxiliary Building and Fuel Handling Building Ventilation Systems. 17 Additionally, personnel interviews and log checks were made for activities which 131 could have impacted Auxiliary Building Ventilation exhaust flowrate. METHOD OF OTHER STATUS (30) ACILITY DISCOVERY DESCRIPTION (32) S POWER 0 0 0 0 Recovery mode X 28 1 5 Operator Observation A(31) CONTENT ACTIVITY AMOUNT OF ACTIVITY (35 LOCATION OF RELEASE (28) OF RELEAS EASED 12/04 (33) 11 PERSONNEL EXPOSURES DESCRIPTION (39 NUMBER (37) Z 10 38 0 0 N/A PERSONNEL INJURIES DESCRIPTION (41 0 1 R 0 0 N/A (40) 8211020161 821022 PDR ADDCK 03000320 12 OSS OF ON DAWAGE TO FACILITY (43) DESCRIPTION PDR N/A (42 10 PUBLICITY DESCRIPTION 45 NAC USE ONLY 2 0 IN N/A PHONE: (717) 948-8461 Steven D. Chaplin NAME OF PREPARER.

# LICENSEE EVENT REPORT NARRATIVE REPORT IMI-II LER 62-028/03L-0 EVENT DAIE - September 15, 1982

## I. EXPLANATION OF OCCURRENCE

.

At 0030 hours on September 15, 1982, the Auxiliary Building exhaust flowrate dropped from 65,000 cfm to approximately 49,000 cfm for a period of 20 minutes then returned to approximately 55,000 cfm. This event was first discovered at 0250 hours during a routine check by the Unit 2 Control Room Operators. This exhaust flowrate was below the minimum allowed exhaust flowrate specified in Recovery Operations Plan Surveillance Requirement 4.9.12.2.a.1. The Auxiliary Building exhaust flowrate was declared operable at 0522 hours on September 15, 1982.

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 Section 3.9.12 of the IMI-2 Recovery Technical Specifications.

This event is similar to LER 82-14 in which an oscillation existed in the Auxiliary Building ventilation exhaust flowrate. It is similar only in that it deals with the Auxiliary Building ventilation system and that the cause of the perturbation could not be identified.

### II. CAUSE OF THE OCCURRENCE

Investigation could determine no cause for the low flow condition.

#### III. CRAINSTANCES 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. ORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

#### Innediate

As discussed in the corrective actions of LER 82-14, an investigation was initiated promptly to determine the cause.

During the course of investigating the drop in exhaust flowrate, the operating exhaust fam train was shifted on four occasions with no impact on the approximate 55,000 cfm flowrate. The ventilation system was checked for broken fam belts, open doors, stuck dampers, etc. which could affect system flowrate. Included in the check were the supply and exhaust fam and filter damper positions, the supply and exhaust filter DP's, building DP, supply and exhaust flowrate, and also a check of the flowrate instrumentation (Aurdliary Building only). This was checked for both the Auxiliary Building and the Fuel Handling Building. Nothing was identified that would induce the dip in the exhaust flowrate to 49,000 cfm. Subsequent investigation included a search of the Shift Foremen's log, the CRO log, the I&C work log, and interviews with Operations shift personnel and I&C personnel for activities which could have affected Auxiliary Building ventilation exhaust flowrate. In spite of the investigation, no specific cause could be identified which could account for the 20 minute dip in flowrate. However, it was determined that both the Auxiliary and Fuel Handling Building ventilation supply flowrates had been 10,000 cfm lower than normal for a period of time which included this event. This may have resulted in the perturbation dropping the flowrate below the minimum flowrate requirements.

## Long-Term

Plant Engineering is preparing a list of data which would be necessary to evaluate events in the ventilation system that should be recorded on as timely a basis as practicable. This list should assist in improving the effectiveness and timeliness of determining deficiencies as they occur in the ventilation systems.

# V. OPPONENT FAILIRE DATA

N/A