

LICENSEE EVENT REPORT

CONTROL BLOCK 188008 (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | P | A | T | M | I | 2 | 20 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 34 | 1 | 1 | 1 | 1 | 1 | 4 | 5  
7 8 9 14 15 25 26 57 CAT 58

CON'T  
01 | R | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 2 | 0 | 7 | 1 | 2 | 1 | 7 | 8 | 1 | 8 | 1 | 10 | 3 | 1 | 8 | 13 | 9  
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | On December 17, 1981, at approximately 1300 hours, a high motor bearing temperature  
03 | alarm was received in the Control Room for the Nuclear Service River Water pump,  
04 | NR-P-1B. This event is considered reportable per Section 6.9.1.9(b) due to entry  
05 | into and compliance with the Action Statement of Tech Spec 3.7.4.1 as a result of the  
06 | inability of one of two Nuclear Service River Water loops to perform its intended  
07 | function. This event had no effect on the health and safety of the public.  
08 | \_\_\_\_\_

09 | W | A | 11 | E | 12 | B | 13 | M | O | T | O | R | X | 14 | Z | 15 | Z | 16  
7 8 9 10 11 12 13 18 19 20

17 | 8 | 1 | 0 | 3 | 7 | 0 | 3 | X | 1  
21 22 23 24 26 27 28 29 30 31 32

18 | H | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | Y | 23 | N | 24 | A | 25 | G | 0 | 8 | 0 | 26  
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | The apparent cause of this event was a shoulder on the motor shaft coming in contact  
11 | with the motor's bearing cover probably due to a loose shaft nut. The motor was  
12 | replaced and NR-P-1B returned to service at 1035 hours on December 18, 1981. The  
13 | lockwashers on the other pump motors were inspected and personnel training was  
14 | conducted.

15 | X | 28 | 0 | 0 | 0 | 29 | Recovery Mode | A | 31 | Operator observation of alarm  
7 8 9 10 12 13 44 45 46 80

16 | Z | 33 | Z | 34 | N/A | 35 | N/A | 36 | N/A  
7 8 9 10 11 44 45 80

17 | 0 | 0 | 0 | 37 | Z | 38 | N/A | 39  
7 8 9 11 12 13 80

18 | 0 | 0 | 0 | 40 | N/A | 41  
7 8 9 11 12 80

8311210381 831031  
PDR ADDCK 05000320  
S PDR

19 | Z | 42 | N/A | 43  
7 8 9 10 80

20 | N | 44 | N/A | 45  
7 8 9 10 80



**GPU Nuclear Corporation**  
Post Office Box 480  
Route 441 South  
Middletown, Pennsylvania 17057-0191  
717 944-7621  
TELEX 84-2386  
Writer's Direct Dial Number:

October 31, 1983  
4410-83-L-0243

Office of Inspection and Enforcement  
Attn: Dr. Thomas E. Murley  
Regional Administrator  
US Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

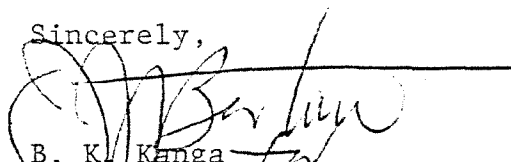
Dear Sir:

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, please contact Mr. J. J. Byrne of my staff.

Sincerely,



B. K. Kanga  
Director, TMI-2

BKK/JJB/RDW/jep

Attachments

CC: Mr. L. H. Barrett, Deputy Program Director - TMI Program Office  
Dr. B. J. Snyder, Program Director - TMI Program Office

8311210334 831031  
PDR ADOCK 05000320  
S PDR

LIST OF UPDATED LICENSEE EVENT REPORTS

- 80-27 Closing of Deluge Isolation Valves FS-V-4-22B, 4-23B, and 4-24B.
- 80-39 Halon bottles below weight.
- 81-11 Inoperability of Nuclear Service River Water Pump "A".
- 81-24 Excessive Reactor Coolant System Leakage.
- 81-30 Improper administrative controls for containment penetration isolation valves.
- 81-37 Nuclear Service River Water Pump NR-P-1B inoperability.
- 82-01 Inoperability of the Auxiliary Building Ventilation System.
- 82-23 Actuation of the AIT Halon System.
- 82-41 Inoperability of the Auxiliary Building Ventilation System.
- 83-01 Inoperability of "A" OTSG pressure indicators.
- 83-04 Failure of the AIT Deluge System.
- 83-06 Leak Testing of the Reactor Building Personnel Airlock No. 2.
- 83-14 Actuation of the Air Intake Tunnel Halon System.