

JUN 02 1983

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**GPU Nuclear Corporation**  
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Writer's Direct Dial Number:

April 25, 1983  
4410-83-L-0088

Office of Inspection and Enforcement  
Attn: Mr. J. M. Allen  
Acting Regional Administrator  
Region I  
US Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

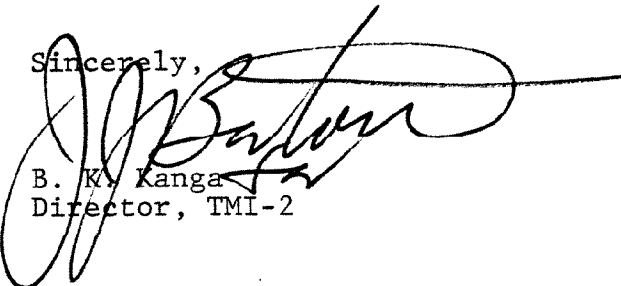
Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)  
Operating License No. DPR-73  
Docket No. 50-320  
Licensee Event Report 83-011/01L-0

Attached please find Licensee Event Report 83-011/01L-0 concerning a missing fire barrier penetration (fire damper) in the Fuel Handling Building.

This event was determined on March 25, 1983, to be reportable under Section 6.9.1.8(i) of the Interim Recovery Technical Specifications.

Sincerely,



B. K. Kanga  
Director, TMI-2

BKK/SDC/jep

Attachments

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

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PDR ADOCK 05000320  
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LICENSEE EVENT REPORT  
NARRATIVE REPORT  
TMI-II  
LER 83-11/01L-0  
EVENT DATE - March 25, 1983

I. EXPLANATION OF OCCURRENCE

On February 15, 1983, the three-hour fire rated wall between the Fuel Handling Building and the Reactor Building Annulus was determined by visual inspection to have a ventilation penetration that does not have a three-hour rated damper installed. The plant Architect Engineer (A/E) was contacted to obtain justification for the lack of a fire damper in ventilation penetration No. 477. A verbal response was received from the A/E on March 24, 1983, which confirmed that the missing damper was required. Additionally, the A/E indicated they suspected that three (3) other ventilation penetrations in this fire wall might be missing three-hour rated fire dampers (penetration Nos. 513, 514 and 515).

On March 25, 1983, at 1530 hours it was determined that the (verified) missing fire damper constituted a prompt reportable event pursuant to Technical Specification Section 6.9.1.8(i). This condition is not a violation of any Technical Specification. However, it is considered reportable pursuant to Section 6.9.1.8(i) since a condition existed that was less conservative than assumed in the Safety Analysis Report.

If this condition were not reportable pursuant to the above requirements, it would have been reportable pursuant to 10CFR21.

II. CAUSE OF THE OCCURRENCE

The omission of the fire damper during construction is a result of the A/E not designating on appropriate drawings that the ventilation penetration required a F. D. Type 1 damper. If it had been designated, it would have been systematically included in the fire dampers on the ductwork fabrication drawings and then installed in the Fuel Handling Building. However, the reason for the omission has not been determined.

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

GPUNC is evaluating the situation to determine the most appropriate course of action. In the meantime, GPUNC is performing an hourly firewatch in the area adjacent to the penetration. This provides an acceptable level

of interim protection until final disposition is effected. In addition, preparations are being made to inspect the three (3) suspect fire dampers. Note: Access to the dampers is restricted due to their elevated height, since 2 of 3 of the dampers are located within ductwork, and because they are located within radiation/contaminated areas.

This LER will be updated as significant information becomes available.

V. Component Failure Data

N/A

Annulus ventilation fire damper LICENSEE EVENT REPORT

Attachment 1 4410-83-L-0088

damper not installed TMI 2

CONTROL BLOCK: 1 8 3 1 1 1 4 1

(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 0 0 0 3 4 1 1 1 1 4 5

CON'T REPORT SOURCE L 6 0 5 0 0 0 3 2 0 7 0 3 2 5 8 3 8 0 4 2 5 8 3 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0 2 On March 25, 1983, at 1530 hours it was determined that a reportable condition existed. 0 3 A 3-hour rated fire damper was verified as not having been installed by the Architect 0 4 Engineer (A/E) during construction of TMI-2. The damper was to be installed in a 0 5 3-hour rated fire wall separating the Fuel Handling Building from the Reactor Building 0 6 annulus area. This condition is considered reportable pursuant to Section 6.9.1.8(i) 0 7 of the Recovery Technical Specifications. This condition had no effect on the plant, 0 8 its operation, or the health and safety of the public.

0 9 SYSTEM CODE A B 11 CAUSE CODE B 12 CAUSE SUBCODE A 13 COMPONENT CODE V A L L V E X 14 COMP. SUBCODE L 15 VALVE SUBCODE D 16

17 LER/RO REPORT NUMBER 8 3 21 EVENT YEAR 8 3 22 SEQUENTIAL REPORT NO. 0 1 1 26 OCCURRENCE CODE 0 1 29 REPORT TYPE T 30 REVISION NO. 0 32 ACTION TAKEN X 18 FUTURE ACTION X 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 40 ATTACHMENT SUBMITTED Y 23 NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER Z 9 9 9 9 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 The omission of the fire damper during construction of TMI-2 was a result of the A/E 1 1 not designating on appropriate drawings that the ventilation penetration required a 1 2 F.D. Type 1 damper. GPU is evaluating the situation to determine the most appropriate 1 3 course of action. An hourly firewatch is being performed in the area adjacent to the 1 4 penetration. This LER will be updated.

1 5 FACILITY STATUS X 28 % POWER 0 0 0 0 29 OTHER STATUS Recovery Mode 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Engineering review of documents 32

1 6 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 Z 34 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE N/A 36

1 7 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION N/A 39

1 8 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION N/A 41

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION N/A 43

2 0 PUBLICITY ISSUED N 44 DESCRIPTION N/A 45

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NAME OF PREPARER Steven D. Chaplin

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