182744

NRC FORM 366 (7-77) UPDATE REPORT - PREVIOUS REPORT DATE 9/29/81

U. S. NUCLEAR REGULATORY COMMISSION

Attachment 1

175

LICENSEE EVENT REPORT

update on Fuel handling ventilation filters plug

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

Three Mile Island

0 1	LICENSEE CODE (2)	P A T M I 2
	LICENSE NUMBER (3)	0 0 - 0 0 0 0 0 - 0 0
	LICENSE TYPE (4)	4 1 1 1 1
	CAT (5)	

CON'T 0 1	REPORT SOURCE (6)	L
	DOCKET NUMBER (7)	0 5 0 0 0 3 2 0
	EVENT DATE (8)	0 8 3 0 8 1
	REPORT DATE (9)	0 5 1 9 8 3

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 At 1545 hours on August 30, 1981, it was determined that the Fuel Handling Building
0 3 (FHB) ventilation system was inoperable due to high pressure differential and low exhaust flow rate. This report is submitted under Section 6.9.1.9(b) because the action
0 5 statement of Tech. Spec. 3.9.12 was entered inadvertently. This was not a violation
0 6 of Tech. Specs. because the action statement requirements were complied with. This
0 7 event had no effect on the plant, its operation, or the health and safety of the
0 8 public.

0 9	SYSTEM CODE (11)	A A
	CAUSE CODE (12)	E
	CAUSE SUBCODE (13)	B
	COMPONENT CODE (14)	F I L T E R
	COMP. SUBCODE (15)	Z
	VALVE SUBCODE (16)	Z

Rev... on ...

LER/RO REPORT NUMBER (17) — EVENT YEAR	8 1
	—
SEQUENTIAL REPORT NO.	0 2 0
	/
OCCURRENCE CODE	0 3
REPORT TYPE	X
	—
REVISION NO.	1

ACTION TAKEN (18)	A
FUTURE ACTION (19)	G
EFFECT ON PLANT (20)	Z
SHUTDOWN METHOD (21)	Z
HOURS (22)	0 0 0 0
ATTACHMENT SUBMITTED (23)	Y
NPRD-4 FORM SUB. (24)	N
PRIME COMP. SUPPLIER (25)	A
COMPONENT MANUFACTURER (26)	X 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Proximate cause was determined as excessive loading of the prefilters and first bank
1 1 HEPA filters. Root cause was failure to check the ΔP on the filters. The prefilters
1 2 and first HEPA were replaced and tested. The FHB ventilation system was returned to
1 3 operable status on September 7, 1981. Operations surveillance OPS-S-184 has been
1 4 implemented to check weekly the ventilation parameters.

1 5 FACILITY STATUS (28)	X
% POWER (29)	0 0 0
OTHER STATUS (30)	Recovery Mode
METHOD OF DISCOVERY (31)	A
DISCOVERY DESCRIPTION (32)	Personnel Observation

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

PERSONNEL EXPOSURES

1 7 NUMBER (37)	0 0 0
TYPE (38)	Z
DESCRIPTION (39)	N/A

PERSONNEL INJURIES

1 8 NUMBER (40)	0 0 0
DESCRIPTION (41)	N/A

8305310072 830519
PDR ADOCK 05000320
S PDR

LOSS OF OR DAMAGE TO FACILITY (43)

1 9 TYPE (42)	Z
DESCRIPTION	N/A

PUBLICITY

2 0 ISSUED (44)	N
DESCRIPTION (45)	N/A

NRC USE ONLY

NAME OF PREPARER Steven D. Chaplin PHONE: (717) 948-8461

GPO 917-926

LICENSEE EVENT REPORT
NARRATIVE REPORT
TMI-II
LER 81-20/03X-1
EVENT DATE - August 30, 1981

I. EXPLANATION OF OCCURRENCE

At 1545 hours on August 30, 1981, it was determined that the Fuel Handling Building Ventilation System was inoperable. This was based primarily on a high pressure differential across the filter banks and low exhaust flow rate. The prefilters and HEPA filters were replaced, tested and the system returned to an operable status on September 7, 1981.

II. CAUSE OF THE OCCURRENCE

The proximate cause of the system inoperability was due to loading of the prefilter and first bank HEPA filters, therefore, increasing the pressure drop across the respective filters. The root cause of this occurrence was failure to routinely check the ΔP on the filters.

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

Suspended all movements of radioactive gasses and liquids in Fuel Handling and Auziliary Buildings.

The prefilter and the first bank of HEPA filters were replaced and tested.

LONG TERM

Operations surveillance (OPS-S-184 DTD 10/8/81) has been implemented which checks on a weekly basis the ventilation parameters which are indicative of component and overall system performance.

V. COMPONENT FAILURE DATA

Prefilter manufacturer: Glasfloss

component: Automatic Filter Rolls
Filter Media - Lenoweave

JUN 15 1983

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

May 19, 1983
4410-83-L-0082

81-020

Office of Inspection and Enforcement
Attn: Mr. J. M. Allan
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
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/RDW/jep

Attachments

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

IE22

Attachment 1
4410-83-L0082

LIST OF UPDATED LICENSEE EVENT REPORTS

LER NO.	LER NO.
80-01	81-12
80-05	81-20
80-07	81-22
80-12	81-23
80-49	81-32
80-54	81-34
80-55	81-35
80-56	81-36
80-57	81-38
81-04*	82-34
81-08	
81-10	

* Event date on original Licensee Event Report was incorrect. This revision corrects the event date.