

## LICENSEE EVENT REPORT

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

01 PATMI 12 00 - 000000 - 000 3411111 4 5  
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T

01 REPORT SOURCE L 6 05000289 7 032983 8 041283 9  
7 8 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During long term cold shutdown at 1530 hours on 3/29/83, the oxygen concentration  
03 in the Miscellaneous Waste Storage Tank (WDL-T-12) was observed at 3.25%. Samples  
04 taken at 1600 hours confirmed this high concentration. Oxygen concentration  
05 remained above 2% for approximately 4 hours. No explosive mixture was detected  
06 and there was no adverse affect on public health and safety. This event is  
07 reportable per 6.9.2.A(2).

08 7 8 9

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
7 8 9 10 11 12 13 14 15 16  
M B 11 X 12 Z 13 Z Z Z Z Z Z 14 Z 15 Z 16  
17 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.  
21 22 23 24 25 26 27 28 29 30 31 32  
8 3 0 0 8 0 1 T 0  
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47  
X 18 X 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 Z 25 Z 9 9 9 9 26

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 On 3/28/83 the Miscellaneous Waste Storage Tank (WDL-T-12) outlet pipe was  
11 being cleared by air blowdown. This evaluation resulted in excess oxygen in the  
12 tank gas space. Operations personnel have been cautioned on the effects of using  
13 air to unclog lines. TSCR No. 121 addresses this general problem (See LER's  
14 82-008, 83-005).

15 FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
X 28 0 0 0 29 NRC Order 31 Operator Observation

16 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
Z 33 Z 34 N/A N/A

17 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
0 0 0 37 Z 38 N/A

18 PERSONNEL INJURIES NUMBER DESCRIPTION (41)  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
0 0 0 40 N/A

19 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
Z 42

20 PUBLICITY ISSUED DESCRIPTION (45)  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
N 44 N/A

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HIGH OXYGEN IN WASTE GAS SYSTEM

I. Current Activities at the Time of the Occurrence

TMI-1 was in a long term cold shutdown condition. The Miscellaneous Waste Storage Tank (WDL-T-12) outlet pipe has been cleared of debris in preparation for putting the contents of WDL-T-12 on recirculation. The Miscellaneous Waste Storage Tank gas space is part of the Waste Gas System.

II. Circumstances Leading to the Occurrence

At approximately 1530 hours on 3/29/83, the O<sub>2</sub> content of the Miscellaneous Waste Storage Tank was observed to be at 3.25%. Chemistry samples taken at 1600 hours confirmed the high O<sub>2</sub> concentration. These high O<sub>2</sub> concentrations in WDL-T-12 followed the maintenance efforts during the previous day to air blow free the clogged tank outlet pipe.

III. Description

Because the O<sub>2</sub> concentration in the Waste Gas System remained in excess of 2% for approximately 4 hours despite the Nitrogen purging effort, this event was considered to be reportable in accordance with Technical Specification 6.9.2.A(2).

IV. Resultant Events

No explosive mixture was detected in the Waste Gas System, therefore, there was no significant adverse effects of this event.

V. Previous Events of Similar Nature

Refer to LER 82-008, 83-005

VI. Root Cause

As identified in the above LER's, T.S. 3.22.2.5 fails to recognize the effects of maintenance activities which may introduce oxygen into the Waste Gas System. Operators should have been more cognizant of their effect of activities on a Tech. Spec. controlled parameter.

VII. Short Term Corrective Action

A nitrogen purge was initiated on the Waste Gas System to reduce the oxygen concentration.

VIII. Long Term Corrective Action

Operations personnel have been cautioned regarding the affects of using air to unclog lines. TSCR No. 121 has been submitted to correct T.S. 3.22.2.5.

IX. Component Failure Data

Not Applicable.