

# UPDATE REPORT - PREVIOUS REPORT DATE 3/24/81

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

0 1 T N S N P 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 5  
 7 8 9 14 15 25 26 30 37 CAT 54

CONT  
 0 1 REPORT SOURCE L 6 0 5 0 0 0 3 2 7 7 0 2 2 4 8 1 8 0 5 2 6 8 1 9  
 2 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With unit 1 in mode 5, the oxygen analyzer used to monitor for an explosive gas mixture  
 0 3 in the waste holdup tank was declared inoperable. Grab samples were taken within four  
 0 4 hours as required by action statement 43 of LCO 3.3.3.10, but the samples were not  
 0 5 analyzed for approximately 12 hours because both gas chromatographs used for this  
 0 6 analysis were inoperable. There was no effect on public health or safety. No previous  
 0 7 occurrences.

0 8 80

0 9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
 7 8 9 10 11 12 13 18 19 20  
 M C 11 E 12 E 13 I N S T R U 14 E 15 Z 16  
 17 LER/RO REPORT NUMBER 18 1 21 22 23 24 25 26 27 28 29 30 31 32 REVISION NO.  
 18 1 21 22 23 24 25 26 27 28 29 30 31 32  
 ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
 33 34 35 36 37 38 39 40 41 42 43 44 45  
 A 18 F 19 Z 20 Z 21 0 0 0 0 N 23 N 24 L 25 C 7 6 5

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The oxygen cell was damaged due to the collection of condensed moisture in the  
 1 1 analyzer. The water was cleared from the lines, the cell was replaced, and the analyzer  
 1 2 was recalibrated and returned to service. Subsequent analysis verified that the  
 1 3 sampled gas was within the acceptable limits. Additional vents will be added prior to  
 1 4 Unit 2 fuel loading to eliminate excessive water collection.

1 5 80

1 6 FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION  
 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  
 G 28 0 0 0 0 29 NA A 31 Operator observation

1 7 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE  
 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 NA NA

1 8 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION  
 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 NA

1 9 PERSONNEL INJURIES NUMBER DESCRIPTION  
 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 NA

2 0 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION  
 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 NA

2 1 PUBLICITY ISSUED DESCRIPTION  
 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 NA

2 2 80

2 3 NRC USE ONLY

2 4 80

Name of Preparer M. R. Harding/A. M. Wilkey

Phone (615) 842-8317

G. B. Kirk

8105270 174

LER SUPPLEMENTAL INFORMATION

SQRO-50-327/81028, Revision 1    Technical Specification Involved: 3.3.3.10

Reported Under Technical Specification: 6.9.1.12.b

Date of Occurrence: 2/24/81    Time of Occurrence: 1250 CST

Identification and Description of Occurrence:

The oxygen analyzer used to monitor for an explosive gas mixture in the waste holdup tank was declared inoperable when water damaged the oxygen cell. Grab samples were taken as required by action statement 43 of LCO 3.3.3.10, but analysis of the samples was delayed for approximately 12 hours because both gas chromatographs used for the analysis were inoperable.

Conditions Prior to Occurrence:

Unit 1 in mode 5

Apparent Cause of Occurrence:

Condensed moisture collected in the analyzer and damaged the oxygen cell.

Analysis of Occurrence:

Analysis of the gas sample was delayed until a loan unit could be obtained from the Power Operations Training Center. Subsequent analysis verified that the sampled gas was within technical specification limits.

Corrective Action:

A design modification will be implemented prior to fuel loading of Unit 2 to install additional low-point vents to eliminate the collection of excessive water in the lines connected to the analyzer.