

LICENSEE EVENT REPORT

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

0 1 V A S P S 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 37 CAT 35

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0 1 REPORT SOURCE L 6 0 5 0 0 0 2 8 0 7 0 8 1 2 8 0 8 0 9 1 2 8 0 9
8 60 61 DOCKET NUMBER 66 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Low flow alarm sounded on RM-GW-101 and 102. Process Vent System was secured. RM-GW-
0 3 101 and 102 along with the Health Physics Accountability Sampler were found to be full
0 4 of water. Without monitors, possibility of uncontrolled, unmonitored release exists.
0 5 After repair, monitor flow indicated to be 5cfm instead of required 6cfm. Tech Specs.
0 6 3.11.B.4 and 4.9-1 apply, thus this event is reportable in accordance with T.S. 6.6.2.
0 7 b.(2). The health and safety of the public were not affected.

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7 8 9

0 9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
7 8 9 10 11 12 13 14 15 16
M C 11 X 12 Z 13 X X X X X X 14 Z 15 Z 16
17 LER-RO REPORT NUMBER 18 19 EFFECT ON PLANT 20 SHUTDOWN METHOD 21 HOURS 22 ATTACHMENT SUBMITTED 23 NPD-4 FORM SUB. 24 PRIME COMP. SUPPLIER 25 COMPONENT MANUFACTURER
21 22 23 24 25 26 27 28 29 30 31 32
8 0 0 5 2 0 3 L 0
A 18 X 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 A 25 V 1 1 5 15 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The flooding of the gas stripper caused the Process Vent System to fill with water. The
1 1 system was flushed, dried, pump and filter replaced. Low flow was indicated, so system
1 2 was reinspected and vacuum pump replaced (Victoreen Model 841-1) and system was
1 3 returned to service. A new standing order requires more stringent to to prevent water
1 4 from entering the Process Vent System.

1 5 FACILITY STATUS 16 % POWER 17 OTHER STATUS 18 METHOD OF DISCOVERY 19 DISCOVERY DESCRIPTION 20
7 8 9 10 11 12 13 14 15 16 17 18 19 20
E 28 0 8 8 29 NA A 31 Operator Observation 32
1 6 ACTIVITY CONTENT 17 RELEASED OF RELEASE 18 AMOUNT OF ACTIVITY 19 LOCATION OF RELEASE 20
7 8 9 10 11 12 13 14 15 16 17 18 19 20
Z 33 Z 34 NA NA 36
1 7 PERSONNEL EXPOSURES 18 NUMBER 19 TYPE 20 DESCRIPTION 21
7 8 9 10 11 12 13 14 15 16 17 18 19 20
0 0 0 37 Z 38 NA 39
1 8 PERSONNEL INJURIES 19 NUMBER 20 DESCRIPTION 21
7 8 9 10 11 12 13 14 15 16 17 18 19 20
0 0 0 40 NA 41
1 9 LOSS OF OR DAMAGE TO FACILITY 20 TYPE 21 DESCRIPTION 22
7 8 9 10 11 12 13 14 15 16 17 18 19 20
Z 42 NA 43
2 0 ISSUED 21 PUBLICATION 22 DESCRIPTION 23
7 8 9 10 11 12 13 14 15 16 17 18 19 20
N 44 NA 45

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ATTACHMENT 1 (PAGE 1 OF 1)
SURREY POWER STATION, UNIT 1
DOCKET NO: 50-280
REPORT NO: 80-052/03L-0
EVENT DATE: 08-14-80

TITLE OF REPORT: PROCESS VENT SAMPLER FLOODED

1. DESCRIPTION OF EVENT:

With Unit 1 operating at a steady state power of 88%, a low flow alarm sounded on RM-GW-101 and 102. The Process Vent System was immediately secured and the cause of the low flow investigated. Tech. Spec. 3.11.B.4 and 4.9.1 applies; thus, this event is reportable in accordance with Tech. Spec. 6.6.2.b.(2).

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT SYSTEMS:

The Process Vent System is monitored by RM-GW-101 and 102 plus the Health Physics Accountability Sampler. RM-GW-101 and 102 provide a continuous read-out while the H.P. Accountability Sampler provides a cumulative sample over the period of time the filters are left in. Due to moisture damage, the H.P. Accountability Sample covering period 8/8/80 through 8/12/80 was destroyed before it could be recorded. Since RM-GW-101 and 102 was functioning properly until the accident, all releases during this period were within specs.

After repair of system and replacement of vacuum pump, a low flow indication persisted. This indicated the possibility existed for a low indication via RM-GW-101 and 102, thus a high (out of specs) release could occur without an alarm and the resulting automatic isolation of the system. However, the manufacturer indicates the current 5 cfm flow is more than sufficient for accurate operations of RM-GW-101/102. Thus the health and safety of the public were not affected.

3. CAUSE OF THE EVENT:

The gas stripper overflowed and filled the Process Vent System.

4. IMMEDIATE CORRECTIVE ACTION:

Flushed, dried, and oiled system, replaced filters and vacuum pump. System was returned to service.

5. SUBSEQUENT CORRECTIVE ACTION:

The low flow alarm indicated low flow. Upon investigation, a flow of 5 cfm was found. Performance Test 26.1 indicates a required flow of 6 cfm. Manufacturer indicates the current 5 cfm flow is more than sufficient for accurate operation of RM-GW-101 and 102. Requested written confirmation from the manufacturer that a flow rate of 5 cfm is acceptable.

6. ACTION TAKEN TO PREVENT RECURRENCE:

A new standing order requires more stringent care to prevent water from entering the process vent system.

7. GENERIC IMPLICATIONS:

None