

LICENSEE EVENT REPORT

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

0 1 | P | A | B | V | S | 1 | 0 | 0 | - | 0 | 0 | 0 | 0 | - | 0 | 0 | 4 | 1 | 1 | 1 | 1 | 4 | 5
7 8 9 14 15 25 26 57 58

CON'T
0 1 | L | 0 | 5 | 0 | 0 | 0 | 3 | 3 | 4 | 7 | 1 | 0 | 0 | 1 | 8 | 2 | 3 | 1 | 0 | 1 | 2 | 8 | 2 | 9
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On 10/01/82 while at 99% power, Chlorine Detector (Wallace and Tiernan
0 3 | Model 50-125) CLA-VS-101C was found to have a zero drip rate with a dry
0 4 | electrode during routine shift surveillance. There were no safety
0 5 | implications since the detector was placed in the tripped condition
0 6 | as per Technical Specification 3.3.3.7.
0 7 |
0 8 |

0 9 | SYSTEM CODE: S I G (11) CAUSE CODE: B (12) CAUSE SUBCODE: B (13) COMPONENT CODE: I N S T R U (14) COMP. SUBCODE: E (15) VALVE SUBCODE: Z (16)
7 8 9 10 11 12 13 18 19 20

(17) LER/RO REPORT NUMBER: 8 2 (21) EVENT YEAR: 8 2 (22) SEQUENTIAL REPORT NO.: 0 4 1 (26) OCCURRENCE CODE: / (27) REPORT TYPE: L (30) REVISION NO.: 0 (32)

ACTION TAKEN: E (18) Z (19) EFFECT ON PLANT: Z (20) SHUTDOWN METHOD: Z (21) HOURS: 0 0 0 0 (22) ATTACHMENT SUBMITTED: Y (23) NRPD-4 FORM SUB.: N (24) PRIME COMP. SUPPLIER: A (25) COMPONENT MANUFACTURER: W 0 2 5 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The detector was returned to service after the orifice was
1 1 | cleaned and the unit vented.
1 2 |
1 3 |
1 4 |

1 5 | FACILITY STATUS: E (28) % POWER: 0 9 9 (29) OTHER STATUS: N/A (30) METHOD OF DISCOVERY: B (31) DISCOVERY DESCRIPTION: Shift Surveillance (32)
7 8 9 10 12 13 44 45 46 80

1 6 | ACTIVITY CONTENT RELEASED OF RELEASE: Z (33) Z (34) AMOUNT OF ACTIVITY: N/A (35) LOCATION OF RELEASE: N/A (36)
7 8 9 10 11 44 45 80

1 7 | PERSONNEL EXPOSURES NUMBER: 0 0 0 (37) TYPE: Z (38) DESCRIPTION: N/A (39)
7 8 9 11 12 13 80

1 8 | PERSONNEL INJURIES NUMBER: 0 0 0 (40) DESCRIPTION: N/A (41)
7 8 9 11 12 80

1 9 | LOSS OF OR DAMAGE TO FACILITY TYPE: Z (42) DESCRIPTION: N/A (43)
7 8 9 10 80

2 0 | PUBLICITY ISSUED: N (44) DESCRIPTION: N/A (45)
7 8 9 10 80

8211010188 821013
PDR ADOCK 05000334
S PDR

NAME OF PREPARER: W. S. Lacey PHONE: 412-643-8525

NRC USE ONLY

Attachment to LER 82-041/03L
Beaver Valley Power Station
Duquesne Light Company
Docket No. 50-334

On 9/30/82, a Maintenance Surveillance Procedure was performed on the subject Chlorine Detector. As part of this procedure, the detector wick was replaced, the orifice cleaned and the fluid in the reservoir drained and replaced. The reservoir was also flushed to remove any foreign particulate that may have entered the reservoir. Detector drip rate taken on the next two shifts were 46 and 74 seconds respectively. However, on the very next shift the detector was found to have a zero drip rate and a dry sensing probe.

Since the Surveillance Procedure had just been performed approximately sixteen hours earlier, Instrument and Control personnel did not consider the failure of the unit to be the result of foreign material blocking the orifice. Furthermore, the wick had just been changed so swelling of the wick was also ruled out. The only reason that flow could be impeded was improper venting of the reservoir orifice. A piece of wire was inserted into the reservoir opening and flow commenced immediately.