

# LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

|   |   |               |   |   |   |   |   |    |                |   |   |   |   |   |   |   |   |   |    |                 |   |   |   |   |    |        |  |  |  |   |  |  |  |  |
|---|---|---------------|---|---|---|---|---|----|----------------|---|---|---|---|---|---|---|---|---|----|-----------------|---|---|---|---|----|--------|--|--|--|---|--|--|--|--|
| 0 | 1 | P             | A | B | V | S | I | 2  | 0              | 0 | - | 0 | 0 | 0 | 0 | - | 0 | 0 | 3  | 4               | 1 | 1 | 1 | 1 | 4  |        |  |  |  | 5 |  |  |  |  |
| 7 | 8 | LICENSEE CODE |   |   |   |   |   | 14 | LICENSE NUMBER |   |   |   |   |   |   |   |   |   | 25 | LICENSE TYPE J0 |   |   |   |   | 57 | CAT 58 |  |  |  |   |  |  |  |  |

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|   |   |
|---|---|
| 0 | 1 |
| 7 | 8 |

REPORT SOURCE 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On 8/17/81 at 0410 hours with reactor power at 99%, a slight leak thru a welded pipe connection which joins the two 1A Degasifier Recovery Heat Exchangers [BR-E-12A1 and 12A2] in series was discovered as the reason for higher than normal radiation levels in the auxiliary building. This degradation of the system boundary is reportable under Technical Specification 6.9.1.9.d. There were no adverse effects on the health and safety of the general public since the release was limited to the auxiliary building and did not enter the environment.

|  |    |               |                 |                 |                       |               |                 |    |                      |                  |                      |                        |    |   |
|--|----|---------------|-----------------|-----------------|-----------------------|---------------|-----------------|----|----------------------|------------------|----------------------|------------------------|----|---|
| 7  | 8  | 9             | SYSTEM CODE     |                 | CAUSE CODE            | CAUSE SUBCODE | COMPONENT CODE  |    |                      |                  | COMP. SUBCODE        | VALVE SUBCODE          |    |   |
| 0  | 9  |               | C               | G               | E                     | X             | H               | T  | E                    | X                | C                    | H                      | A  | Z |
| 7  | 8  |               | 9               | 10              | 11                    | 12            | 13              | 14 | 15                   | 16               |                      |                        |    |   |
| 17 LER/RO REPORT NUMBER                  |    |               | EVENT YEAR      |                 | SEQUENTIAL REPORT NO. |               | OCCURRENCE CODE |    | REPORT TYPE          |                  | REVISION NO.         |                        |    |   |
|  |    |               | 8               | 1               | 077                   |               | 03              |    | L                    |                  | 0                    |                        |    |   |
|  |    |               | 21              | 22              | 23                    | 24            | 25              | 26 | 27                   | 28               | 29                   | 30                     | 31 |   |
| ACTION TAKEN                             |    | FUTURE ACTION | EFFECT ON PLANT | SHUTDOWN METHOD | HOURS                 |               |                 |    | ATTACHMENT SUBMITTED | NPRO-4 FORM SUB. | PRIME COMP. SUPPLIER | COMPONENT MANUFACTURER |    |   |
| B  | X  |               | Z               | Z               | 0000                  |               |                 |    | Y                    | N                | A                    | A550                   |    |   |
| 33                                       | 34 | 35            | 36              | 37              | 38                    | 39            | 40              | 41 | 42                   | 43               | 44 45 46 47          |                        |    |   |
| CAUSE DESCRIPTION AND CORRECTIVE ACTIONS |    |               |                 |                 |                       |               |                 |    |                      |                  |                      |                        |    |   |

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (4)

1 0 Following the failure, the heat exchanger was removed from service and

1 1 the weld repair was completed on 9/4/81. An engineering evaluation is in

1 2 progress to determine the probable cause of the weld failure and to provide

1 3 recommendations on how to prevent reoccurrence.

1 4

80

7 8 9 FACILITY STATUS (30) % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)

1 5 E (28) 0 9 9 (29) N/A A (31) Response to Area Radiation Monitors 80

7 8 9 ACTIVITY CONTENT 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1 6 Z (33) Z (34) N/A LOCATION OF RELEASE (36) N/A 80

| PERSONNEL EXPOSURES |     | TYPE |   | DESCRIPTION |
|---------------------|-----|------|---|-------------|
| NUMBER              |     |      |   |             |
| 17                  | 000 | 37   | Z | 38 N/A      |

| 7                  |   | 8 |   | 9  |     | 11               |   | 12 |    | 13 |    |
|--------------------|---|---|---|----|-----|------------------|---|----|----|----|----|
| PERSONNEL INJURIES |   |   |   |    |     |                  |   |    |    |    |    |
| NUMBER             |   |   |   |    |     | DESCRIPTION (41) |   |    |    |    |    |
| 1                  | 2 | 3 | 4 | 5  | 6   | 7                | 8 | 9  | 10 | 11 | 12 |
| 0                  | 0 | 0 | 0 | 40 | N/A |                  |   |    |    |    |    |

| 7                             | 8 | 9           | 11   | 12  |
|-------------------------------|---|-------------|------|-----|
| LOSS OF OR DAMAGE TO FACILITY |   | DESCRIPTION |      |     |
| TYPE                          |   |             |      |     |
| 1                             | 2 | 3           | 4    | 5   |
|                               |   | (Z)         | (42) | N/A |

10  
 8 9  
 PUBLICITY  
 ISSUED DESCRIPTION (45)  
 2 0 N 14  
 N/A  
 8109290212 810916  
 PDR ADOCK 05000334  
 S PDR  
 NRC USE ONLY  
 58 69 80  
 412-642-8525

NAME OF PREPARER W. S. Lacey

PHONE. 412-643-8929

NRC USE ONLY

8109290212 810916  
PDR ADCK 05000334  
S PDR

0007-9266

Attachment to LER 81-77/03L  
Beaver Valley Power Station  
Duquesne Light Company  
Docket No. 50-334

No further information is available or needed to satisfy the reporting requirement.