

LICENSEE EVENT REPORT

CONTROL BLOCK: [] [] [] [] [] [] [] [] [] [] [] (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 [P | A | B | V | S | 1 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1] 4 5
8 9 14 15 25 26 30 57 CAT 58

CON'T
0 1 REPORT SOURCE [L | 0 | 5 | 0 | 0 | 0 | 3 | 3 | 4] 7 8
8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 9/11/82 while attempting to secure the turbine driven auxiliary
0 3 feedwater pump [FW-P-2], operators were unable to reclose its steam
0 4 supply trip valve [TV-MS-105B] which had opened on a pump auto start
0 5 signal. [MOV-MS-105] was then shut to isolate the steam supply to [FW-P-2]
0 6 and at 0605 hours the pump was declared inoperable as per Tech. Spec. 3.7.1.2.
0 7 Public health and safety was not jeopardized since redundant motor
0 8 driven auxiliary feedwater pumps were available at this time.

0 9 SYSTEM CAUSE CAUSE COMPONENT COMP. VALVE
CODE CODE SUBCODE CODE SUBCODE SUBCODE
[c | c] (11) [X] (12) [Z] (13) [V | A | L | V | E | X] (14) [F] (15) [D] (16)
9 10 11 12 13 18 19 20
17 LER/RO REPORT NUMBER [8 | 2] (21) [-] (23) [0 | 3 | 3] (24) [/] (27) [0 | 3] (28) [L] (30) [0] (32)
21 22 23 24 26 27 28 29 30 32
ACTION FUTURE EFFECT SHUTDOWN ATTACHMENT NPRD-4 PRIME COMP. COMPONENT
TAKEN ACTION ON PLANT METHOD SUBMITTED FORM SUB. SUPPLIER MANUFACTURER
[X] (18) [X] (19) [Z] (20) [Z] (21) [0 | 0 | 0 | 0] (22) [Y] (23) [N] (24) [A] (25) [M | 1 | 2 | 0] (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 A washer found lodged in the trip valve's trim blocked its operation.
1 1 On 9/18/82, the Crane check valves in the three parallel 3" steam lines supplying
1 2 [FW-P-2] were tested. Test results indicated the possible failure of
1 3 [MS-20] in the 1A S/G steam supply line. Until repaired, plant operation
1 4 will continue with this line isolated.

1 5 FACILITY STATUS [G] (28) % POWER [0 | 0 | 0] (29) OTHER STATUS [N/A] (30) METHOD OF DISCOVERY [A] (31) DISCOVERY DESCRIPTION [Operator Observation] (32)
7 8 9 10 11 12 13 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE
[Z] (33) [Z] (34) [N/A] (35) [N/A] (36)
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION [0 | 0 | 0] (37) [Z] (38) [N/A] (39)
PERSONNEL INJURIES NUMBER DESCRIPTION [0 | 0 | 0] (40) [N/A] (41)
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION [Z] (42) [N/A] (43)

2 0 PUBLICITY ISSUED DESCRIPTION (8210210072 821009
PDR AD0CK 05000334
S PDR)
NRC USE ONLY

Attachment To LER 82-033/03L
Beaver Valley Power Station
Duquesne Light Company
Docket No. 50-334

On September 11, 1982, at 0605 hours, the steam supply to turbine driven auxiliary feedwater pump [FW-P-2] was isolated through [MOV-MS-105]. This action was taken after several previous attempts to close steam supply trip valve [TV-MS-105B] and secure [FW-P-2] had failed during reactor trip recovery procedures. The pump was declared inoperable at this time.

Maintenance performed during the day on September 11, 1982 revealed that the valve's closure had been blocked by a washer found lodged between the fingers in the trip valve's quick change trim valve cage. The valve was reassembled, [FW-P-2] verified operable and returned to service at 1634 hours.

The potential similarity between this incident and a previous incident on March 3, 1979 (LER 79-7) prompted an investigation of the three upstream Crane check valves as the possible source of the debris. On September 18, 1982, leak testing of the check valves was completed. The results indicated the possible failure of [MS-20] in the 1A steam generator steam supply line. Manual valve [MS-15] was closed isolating this line. Manual valve [MS-17], which had been closed previous to this date isolating the 1C steam generator steam supply to [FW-P-2], was opened. Operation with one of the three steam generator supply lines to [FW-P-2] isolated has been in effect since October, 1980. At that time Westinghouse notification was received in regards to a potential unreviewed safety question involving blowdown of all three steam generators due to a single line break in the steam supply to [FW-P-2].

Future plans concerning this incident include continued plant operation with the 1A steam generator supply isolated until the next available outage. At that time all three steam generator steam supply line check valves will be inspected and [MS-20] repaired as necessary.