

LICENSEE EVENT REPORT

8004290393

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] [0] [0] [0] [0] [0] [4] [1] [1] [1] [1] [4] [5]

LICENSEE CODE

LICENSE NUMBER

LICENSE TYPE

CAT 58

CONT

REPORT SOURCE [L] [6]

[0] [5]

[0] [0]

[0] [3]

[3] [4]

[7] [0]

[4] [1]

[1] [8]

[0] [3]

[0] [4]

[2] [3]

[8] [0]

[9]

[0]

[0]

[0]

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

[0] [2] At 0020 hours when the plant was in Operational Mode 5 with the steam generators [0] [3] drained and Reactor Coolant System (RCS) level mid-span in the loops. RCS [0] [4] temperature was 101F and the "B" Residual Heat Removal System (RHR) pump was in [0] [5] service. A complete loss of RHR flow occurred while plant operators were in the [0] [6] process of increasing RHR heat exchanger flow by closing down or the heat exchanger [0] [7] bypass valve. At 0020 hours, when beginning this evolution, pump flow dropped to [0] [8] zero as the pump air bound. At this time, the "B" RHR pump, (continued on attached) [9]

[0] [9]

SYSTEM CODE [C] [F] (11)

CAUSE CODE [X] (12)

CAUSE SUBCODE [Z] (13)

COMPONENT CODE [Z] [Z] [Z] [Z] [Z] [Z] (14)

COMP SUBCODE [Z] (15)

VALVE SUBCODE [Z] (16)

[17] LER NO REPORT NUMBER [8] [0] (21)

EVENT YEAR [8] [0] (22)

SEQUENTIAL REPORT NO. [0] [2] [3] (24)

OCCURRENCE CODE [0] [1] (28)

REPORT TYPE [T] (30)

REVISION NO. [0] (32)

ACTION TAKEN [G] [18]

FUTURE ACTION [Z] (19)

EFFECT ON PLANT [Z] (20)

SHUTDOWN METHOD [Z] (21)

HOURS [0] [0] [0] [0] (22)

ATTACHMENT SUBMITTED [Y] (23)

NPRD-4 FORM SUB. [N] (24)

PRIME COMP SUPPLIER [Z] (25)

COMPONENT MANUFACTURER [Z] [9] [9] [9] (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

[1] [0] The apparent cause of the incident was that the pump was air bound. This incident [1] [1] was not attributed to lack of venting because the flow was being diverted, but not [1] [2] increased. A procedure has been implemented for a total loss of RHR flow and a [1] [3] continuous vent hose is installed at the present time and will be put into operation [1] [4] as soon as possible. [9]

[1] [5]

FACILITY STATUS [X] (28)

% POWER [0] [0] [0] (29)

OTHER STATUS [Design change] (30)

METHOD OF DISCOVERY [A] (31)

DISCOVERY DESCRIPTION [Operator observation] (32)

[1] [6]

ACTIVITY CONTENT RELEASED OF RELEASE [Z] [33]

AMOUNT OF ACTIVITY [Z] [34] N/A (35)

LOCATION OF RELEASE [N/A] (36)

[1] [7]

PERSONNEL EXPOSURES NUMBER [0] [0] [0] (37)

TYPE [Z] (38)

DESCRIPTION [N/A] (39)

[1] [8]

PERSONNEL INJURIES NUMBER [0] [0] [0] (40)

DESCRIPTION [N/A] (41)

[1] [9]

LOSS OF OR DAMAGE TO FACILITY TYPE [Z] (42)

DESCRIPTION [N/A] (43)

[2] [0]

PUBLICITY ISSUED [N] (44)

DESCRIPTION [N/A] (45)

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Attachment To LER 80-23/01T
Beaver Valley Power Station
Duquesne Light Company
Docket No. 50-334

Event Description And Probable Consequences (continued)

was shutdown and the "A" RHR Pump was started. [RH-P-1A] showed no flow also so it too was shutdown. Both pumps were then vented plus the RCS loops levels were increased. At 0108 hours, the "B" was started satisfactorily and normal conditions were reached at 0130 hours. There were no implications to the health and safety of the public due to this loss of RHR flow because the prompt action taken to restore flow plus the RCS temperature never increased more than 7F during the incident.