

LICENSEE EVENT REPORT

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

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[0][1] M E M Y P [1] (2) [0][0]-[0][0][0][0]-[0][0] (3) [4][1][1][1] (4) [][] (5)

CON'T REPORT SOURCE [L] (6) [0][5][0][0][0][3][0][9] (7) [0][8][1][9][8][2] (8) [0][9][0][2][8][2] (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) During a review of LPSI Pump NPSH requirements occasioned by concerns raised by LER 82-019/01T-0, further calculations indicated that during the injection phase of a large double ended LOCA with one LPSI pump inoperable, after approximately eleven minutes into the transient, the pump might operate in a mode inconsistent with the description in the FSAR. Section 6.2.4.13 of the FSAR states that the minimum available NPSH for the LPSI pumps during safety injection mode of operation. (con't)

[0][9] SYSTEM CODE [S][F] (11) CAUSE CODE [B] (12) CAUSE SUBCODE [A] (13) COMPONENT CODE [P][U][M][P][X][X] (14) COMP SUBCODE [B] (15) VALVE SUBCODE [Z] (16)

(17) LER/RO REPORT NUMBER [8][2] (21) [] (23) SEQUENTIAL REPORT NO. [0][2][4] (24) [] (27) OCCURRENCE CODE [0][1] (28) REPORT TYPE [T] (30) REVISION NO. [0] (32)

ACTION TAKEN [Z] (18) FUTURE ACTION [Z] (19) EFFECT ON PLANT [Z] (20) SHUTDOWN METHOD [Z] (21) HOURS [0][0][0] (22) ATTACHMENT SUBMITTED [Y] (23) NRPD-4 FORM SUB. [N] (24) PRIME COMP. SUPPLIER [N] (25) COMPONENT MANUFACTURER [B][2][6][5] (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) Review of previous analysis of LPSI pump NPSH requirements conducted in response to the concerns raised by LER 82-019/01T-0 prompted further analysis of LPSI pump performance under full run out conditions. As a result of the analysis, no significant effect on LPSI pump performance is expected and no further action on this issue is expected. (con't)

[1][5] FACILITY STATUS [E] (28) % POWER [0][9][7] (29) OTHER STATUS NA (30) METHOD OF DISCOVERY [Z] (31) DISCOVERY DESCRIPTION SYSTEMS ENGINEERING GROUP REVIEW (32)

[1][6] ACTIVITY RELEASED OF RELEASE [Z] (33) [Z] (34) AMOUNT OF ACTIVITY NA (35) LOCATION OF RELEASE NA (36)

[1][7] PERSONNEL EXPOSURES NUMBER [0][0][0] (37) TYPE [Z] (38) DESCRIPTION NA (39)

[1][8] PERSONNEL INJURIES NUMBER [0][0][0] (40) DESCRIPTION NA (41)

[1][9] LOSS OF OR DAMAGE TO FACILITY TYPE [Z] (42) DESCRIPTION NA (43)

[2][0] PUBLICITY ISSUED [N] (44) DESCRIPTION (4) 8209130079 820902 PDR ADOCK 05000309 S PDR NRC USE ONLY

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (Con't)

following a major loss-of-coolant accident always exceed that required by the pumps. Under these conditions, at run out, required NPSH may exceed available NPSH. Both the pump vendor and architect engineer concur that under these conditions the pump will continue to operate with flow limited to approximately 5900 gpm due to minor cavitation and resultant loss of head. The accident analysis requires 5000 gpm under these circumstances. No significant flow chugging is expected. There was no effect on the health and safety of the public.

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (Con't)

Work on actions set forth in NRC Confirmatory Action Letter 82-20, NRC response to LER #82-019-01T-0, is continuing.