

LICENSEE EVENT REPORT

CONTROL BLOCK: [][][][][][][][][] (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[0][1] M I D C C N [2][2][0][0]-[0][0][0][0]-[0][0] [3][4][1][1][1][1] [4][][][] [5]

CON'T REPORT SOURCE [L][6][0][5][0][0][0][3][1][8] [7][0][7][0][4][7][9] [8][0][8][0][3][7][9] [9]

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

[0][2] At 0335 during the performance of a routine surveillance test, it was discovered
[0][3] that control element assemblies (CEA's) 22 and 62 failed to initiate a CEA motion
[0][4] inhibit (CMI) signal when they deviated from their group by greater than 7.5 inches.
[0][5] The CEA's were fully withdrawn and the CEA drive system was maintained off per T.S.
[0][6] 3.1.3.1 until the CMI circuit was repaired at 0750. LERs 79-09 (U-1) and 79-13
[0][7] (U-2) describe similar events.

[0][9] SYSTEM CODE [R][B] [11] CAUSE CODE [E] [12] CAUSE SUBCODE [E] [13] COMPONENT CODE [I][N][H][I][B][I][T][R][E][U] [14] COMP. SUBCODE [S] [15] VALVE SUBCODE [Z] [16]

[17] LER/RO REPORT NUMBER [7][9] EVENT YEAR [7][9] SEQUENTIAL REPORT NO. [0][2][5] OCCURRENCE CODE [0][3] REPORT TYPE [L]

ACTION TAKEN [E] [18] FUTURE ACTION [E] [19] EFFECT ON PLANT [Z] [20] SHUTDOWN METHOD [Z] [21] HOURS [0][0][3][0] ATTACHMENT SUBMITTED [Y] [23] NRC-4 FORM SUB. [N] [24] PRIME COMP. SUPPLIER [N] [25] COMPONENT MANUFACTURER [4][9][0] [26]

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

[1][0] The CEA Motion Inhibit setpoint voltage level for CEA's 22 and 62 was found to have
[1][1] drifted from the previously set actuation level. This drift is considered to be a
[1][2] result of minor changes in electronic component characteristics due to aging and
[1][3] environment effects. The CMI setpoint was previously adjusted to a voltage equiva-
[1][4] lent of between 5" and 6" deviation. The voltage scale is approximately 37 mvdc (CONT)

[1][5] FACILITY STATUS [E] [28] % POWER [0][7][5] [29] OTHER STATUS [NA] [30] METHOD OF DISCOVERY [B] [31] DISCOVERY DESCRIPTION [Operator Observation] [32]

[1][6] ACTIVITY CONTENT 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 [NA] [45] NRC USE ONLY

POOR ORIGINAL 501 027

*908080 457 (301) 234-7942/7986

LER 79-25/31
DOCKET NO. 50-318
LICENSE NO. DPR-63
REPORT DATE 08-03-79
EVENT DATE 07-04-79
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS: (CONT)

per inch of CEA height. Slight variations of this magnitude caused the initiating instrument to require another step of reed switch actuation to occur, 2" later in rod progression.

New setpoints shall be established and documented for each group for a more conservative calibration than previously utilized. These shall be between 3.5" and 5.5" dependant on the specific nature of each group's electrical characteristics. This should insure actuation of CMI as per the Technical Specification requirement of ≤ 7.5 inches by indication.