

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: 1 2 3 4 5 6 7 8 9 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

REPORT SOURCE: L 6 0 5 0 0 0 0 3 1 8 7 0 3 1 9 8 1 1 8 0 4 1 1 7 8 1 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

At 1125 the results of a routine sample of 21 Boric Acid Storage Tank (B.A.S.T.) revealed that the boric acid concentration was greater than allowed by Tech Specs at 8.1 percent, thus reducing borated water sources to one (T.S. 3.1.2.8). The boric acid concentration was returned to Tech Spec limits at 1700 hours. The safety of the public was not affected. This is not a repetitive occurrence.

SYSTEM CODE: P 11 CAUSE CODE: A 12 CAUSE SUBCODE: X 13 COMPONENT CODE: Z 14 Z 15 Z 16 Z 17 Z 18 Z 19 Z 20 Z 21 Z 22 Z 23 Z 24 Z 25 Z 26 Z 27 Z 28 Z 29 Z 30 Z 31 Z 32 Z 33 Z 34 Z 35 Z 36 Z 37 Z 38 Z 39 Z 40 Z 41 Z 42 Z 43 Z 44 Z 45 Z 46 Z 47 Z 48 Z 49 Z 50 Z 51 Z 52 Z 53 Z 54 Z 55 Z 56 Z 57 Z 58 Z 59 Z 60 Z 61 Z 62 Z 63 Z 64 Z 65 Z 66 Z 67 Z 68 Z 69 Z 70 Z 71 Z 72 Z 73 Z 74 Z 75 Z 76 Z 77 Z 78 Z 79 Z 80 Z 81 Z 82 Z 83 Z 84 Z 85 Z 86 Z 87 Z 88 Z 89 Z 90 Z 91 Z 92 Z 93 Z 94 Z 95 Z 96 Z 97 Z 98 Z 99 Z 100

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

No evolution which would cause this event has been determined. It is postulated that an evaporator bottom sample analyzed to be 8.1% boric acid and allowed to be added to 21 B.A.S.T., may have been a poor sample and actually been of higher concentration. All chemistry technicians will be made aware of this event.

FACILITY STATUS: E 28 % POWER: 0 6 5 29 OTHER STATUS: NA 30 METHOD OF DISCOVERY: A 31 ROUTINE CHEMICAL MONITORING 32 DISCOVERY DESCRIPTION: 32 LOCATION OF RELEASE: 36 PERSONNEL EXPOSURES: 0 0 0 0 37 Z 38 NA 39 PERSONNEL INJURIES: 0 0 0 0 40 NA 41 LOSS OF OR DAMAGE TO FACILITY: Z 42 NA 43 PUBLICITY ISSUED: N 44 NA 45

NRC USE ONLY

LER NO. 81-15/3L
DOCKET NO. 50-318
LICENSE NO. DPR-69
EVENT DATE 03-19-81
REPORT DATE 04-17-81
ATTACHMENT

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (CONT'D)

At 1125 during post refueling escalation to power testing, the control room operator received a routine sample result on 21 Boric Acid Storage Tank (B.A.S.T.) which revealed a boric acid concentration greater than allowed by the technical specifications at 8.1%. Since the refueling water storage tank was isolated from the charging pumps in accordance with post startup test procedure PSTP-3, 22 B.A.S.T. was left as the only operable borated water source (T.S. 3.1.2.8). Five hundred gallons of demineralized water were added to 21 B.A.S.T. to adjust the boric acid concentration. After the contents were thoroughly mixed, the B.A.S.T. was sampled to confirm that the boric acid concentration had returned to within the technical specification limit. The adjusted boric acid concentration was 7.6%. 21 B.A.S.T. was returned to service at 1700 hours. The safety of the public was not affected by this event. This event is not a repetitive occurrence.

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

All evaporator bottoms, prior to being recycled into the boric acid storage tanks, are sampled and analyzed by plant chemistry personnel. If the evaporator bottom concentration is determined to be above or below that permitted in the boric acid storage tank, a calculation is performed to ensure that resultant B.A.S.T. concentration remains within specifications. Since no other source of concentrated boric acid was available to 21 B.A.S.T. during this period, it is believed that an evaporator bottom, analyzed to be 8.1% boric acid and allowed to be added to 21 B.A.S.T., may have been a poor sample and actually been of higher concentration. All chemistry technicians will be made aware of this event.