

LICENSEE EVENT REPORT

CONTROL BLOCK: \_\_\_\_\_ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | A | L | J | M | F | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5  
7 8 9 14 15 25 26 30 57 58

CON'T  
01 | L | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 4 | 8 | 7 | 1 | 1 | 0 | 8 | 7 | 9 | 8 | 1 | 2 | 0 | 7 | 7 | 9 | 9  
7 8 50 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | At 2210 on 11/8/79 makeup to the reactor coolant system during a routine plant  
03 | cooldown for maintenance (Mode 3 to 5), resulted in decreasing the, available borated  
04 | water volume in the Boric Acid Storage Tank (BAT) below the Tech. Spec. 3.1.2.8.a.1  
05 | limit of 11,336 gallons by 442 gallons. An additional 6000 gallons of 8234 PPM boric  
06 | acid solution was available but it could not be considered in meeting the Tech. Spec.  
07 | minimum due to an upper limit of 7700 PPM in the Tech. Spec. Tech. Spec. 3.1.2.8  
08 | action statement requirements were met.

09 | R | B | 11 | A | 12 | Z | 13 | Z | Z | Z | Z | Z | 14 | Z | 15 | Z | 16  
7 8 9 10 11 12 13 18 19 20

17 | 7 | 9 | 21 | 22 | — | 23 | 0 | 5 | 5 | 24 | 26 | / | 27 | 0 | 3 | 28 | 29 | L | 30 | — | 31 | 0 | 32  
LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

18 | X | 18 | Z | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | 22 | Y | 23 | N | 24 | Z | 25 | Z | 9 | 9 | 9 | 26  
33 34 35 36 37 40 41 42 43 44 47  
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | See Attachment.  
11 |  
12 |  
13 |  
14 |

15 | G | 28 | 0 | 0 | 0 | 29 | NA | 30 | A | 31 | Operator observation | 32  
7 8 9 10 12 13 44 45 46  
FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

16 | Z | 33 | Z | 34 | NA | 35 | NA | 36  
7 8 9 10 11 44 45  
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

17 | 0 | 0 | 0 | 37 | Z | 38 | NA | 39 | 1540 006  
7 8 9 11 12 13  
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

18 | 0 | 0 | 0 | 40 | NA | 41  
7 8 9 11 12  
PERSONNEL INJURIES NUMBER DESCRIPTION

19 | Z | 42 | NA | 43  
7 8 9 10  
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

20 | N | 44 | NA | 45  
7 8 9 10  
PUBLICITY ISSUED DESCRIPTION

POOR ORIGINAL

7912120 433

92

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

Makeup to the reactor coolant system on 11/8/79 due to the plant cooldown resulted in decreasing the B BAT level from 54% to 50%. 52.2% level is required in a single BAT to satisfy the Tech. Spec. limit of 11,336 gallons. BAT A was unavailable for consideration in meeting the Tech. Spec. because it contained borated water in excess of the Tech. Spec. limit of 7700 PPM due to batching that was in progress. The minimum temperature for solubility in the A BAT was not exceeded during the batching operation. The A BAT concentration was returned to less than 7700 PPM (7504) by 1050 on 11/9/79. The additional borated water source required by Tech. Spec. 3.1.2.8 (the RWST) was operable at all times during this event.

The basis for Tech. Spec. 3.1.2.8 states, in part, that the boration capability of the system is sufficient to provide a shutdown margin from expected operating conditions of 1.0%  $\Delta k/k$  after xenon decay and cooldown to 200°F. It should be noted that when the plant began its cooldown, the Tech. Spec. 3.1.2.8 requirements were met and therefore, bases of Tech. Spec. 3.1.2.8 were met during the cooldown.

1540 007