

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

01 | I | L | Z | I | S | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5  
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  
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 56CON'T  
01 | L | 5 | 0 | 5 | 0 | 0 | 0 | 2 | 9 | 5 | 7 | 0 | 1 | 1 | 5 | 8 | 1 | 3 | 0 | 4 | 3 | 0 | 8 | 1 | 9  
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  
REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | While in hot shutdown mode (borated to CSD boron conc.), closure time

03 | testing of unit one MSIV's was performed. 1B MSIV failed to close. By

04 | TS 3.9.4.A the MSIV's are required to close within 5 seconds as a con-

05 | dition of operability. The FSAR accounts for the failure of one MSIV,

06 | therefore, the health and safety of the public was not affected.

07 | Previous LER's 50-304: 74-41, 76-19, 78-14, 78-69 and 50-295: 77-95.

08 |

09 | C | D | 11 | E | 12 | B | 13 | V | A | L | V | E | X | 14 | X | 15 | E | 16  
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  
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE17 | 8 | 1 | 22 | 0 | 0 | 2 | 28 | 0 | 3 | 29 | X | 30 | 1 | 32  
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  
LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NRPD-4 FORM SUB PRIME COMP SUPPLIER COMPONENT MANUFACTURER  
18 | A | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | 22 | Y | 23 | Y | 24 | A | 25 | T | 0 | 8 | 3 | 26  
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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | Cause was due to the failure of 2DC solenoid valves (Teladynne 21110-

11 | 6202-5200 and Keane 132SS-110-02C-EM) to actuate. The MSIV was closed

12 | locally within the hour. Both valves were replaced. This is the first

13 | failure of a Keane valve. No further action is required.

14 |

15 | H | 28 | 0 | 0 | 0 | 29 | NA | 30 | B | 31 | Operator observation | 32  
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  
FACILITY STATUS K POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION16 | Z | 33 | Z | 34 | NA | 35 | NA | 36  
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  
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE17 | 0 | 0 | 0 | 37 | Z | 38 | NA | 39  
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  
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION18 | 0 | 0 | 0 | 40 | NA | 41  
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  
PERSONNEL INJURIES NUMBER DESCRIPTION19 | Z | 42 | NA | 43  
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  
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION20 | Z | 44 | NA | 45  
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  
PUBLICATION NUMBER DESCRIPTION21 | N | 46 | NA | 47  
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  
ISSUED DESCRIPTION NRC USE ONLY

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