

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

01 S C N E E 1 0 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 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

CONT

01 REPORT SOURCE L 0 5 0 0 0 2 6 9 7 0 4 2 1 8 3 0 5 0 5 8 3 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 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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On April 21, 1983, the Emergency Discharge Valve to the Keowee Tailrace, CCW-8,  
03 opened without command, losing emergency discharge prime, thus making the  
04 Condenser Circulating Water (CCW) Emergency Discharge System inoperable. During  
05 the time the system was inoperable, the normal mode of condenser cooling was in  
06 service using the CCW pumps. If all station power was lost or the Keowee Dam  
07 System failed, the atmosphere relief valves were available to remove heat.  
08 Thus, the health and safety of the public were not affected.

09 SYSTEM CODE C F 11 CAUSE CODE E 12 CAUSE SUBCODE A 13 COMPONENT CODE V A L V E X 14 COMP. SUBCODE B 15 VALVE SUBCODE A 16  
17 LER/RO REPORT NUMBER 8 3 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  
18 ACTION TAKEN E 19 FUTURE ACTION A 20 EFFECT ON PLANT Z 21 SHUTDOWN METHOD Z 22 HOURS 0 0 0 0 23 ATTACHMENT SUBMITTED N 24 NPD-4 FORM SUB. N 25 PRIME COMP. SUPPLIER L 26 COMPONENT MANUFACTURER L 2 0 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause was component malfunction. A short in the conductor caused CCW-8 to  
11 open. The valve was electrically closed and the system was reprimed. The  
12 cable will be replaced. Future modifications will physically protect the  
13 cables, and a procedure will be written that provides a method of designating  
14 the underground cable locations.

15 FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator Observation 32  
16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 AMOUNT OF ACTIVITY Z 34 NA 35 LOCATION OF RELEASE NA 36  
17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39  
18 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41  
19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43  
20 PUBLICITY ISSUED DESCRIPTION N 44 NA 45 NRC USE ONLY

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