

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 N C M G S 2 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 3 7 0 0 9 3 0 8 3 1 0 1 4 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)

01 While in Mode 1, investigation of a limit switch failure in the control circuit of
02 a steam generator blowdown recycle system valve which was attributed to moisture
03 intrusion led to the discovery that equipment/cable interfaces using a Crouse-Hinds
04 conduit coupling as a sealing method may be susceptible to moisture seepage. This
05 potential environmental qualification deficiency is reportable pursuant to T.S.6.
06 9.1.10(i). Evaluation indicates that both McGuire units can be operated safely
07 until corrective measures are taken. Health and safety of the public is unaffected.

09 SYSTEM CODE X X 11 CAUSE CODE B 12 CAUSE SUBCODE A 13 COMPONENT CODE X X X X X X X 14 COMP SUBCODE Z 15 VALUE SUBCODE Z 16
17 LER/NO 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
ACTION TAKEN X 18 FUTURE ACTION F 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED Y 23 NPRO-4 FORM SUB. N 24 PRIME COMP. SUPPLIER L 25 COMPONENT MANUFACTURER C 7 2 0 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 This incident is attributed to design oversight in that the cable connections were
11 never tested in their installed configuration. Dow Corning RTV 3145 sealant will
12 be applied to appropriate conduit fittings to ensure that moisture will not pene-
13 trate the equipment/cable interface. A full qualification program will be initia-
14 ted to confirm the acceptability of this sealing technique.

15 FACILITY STATUS B 28 % POWER 0 9 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY C 31 DISCOVERY DESCRIPTION Design Engineering Review 32
16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 AMOUNT OF ACTIVITY NA 34 LOCATION OF RELEASE NA 35
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

NAME OF PREPARER Phillip B. Nardoci

PHONE (704) 373-7432