

U.S. NUCLEAR REGULATORY COMMISSION
LICENSEE EVENT REPORTAPPROVED BY OMS
3150-0011
EXPIRES 4-30-82

CONTROL BLOCK

PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION

01 N C M G S 1 00 - 000000 - 000 411111 5

CONT

01 REPORT SOURCE L 05000369 093083 101483 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

02 While in Mode 1, investigation of a limit switch failure in the control circuit of
03 a steam generator blowdown recycle system valve which was attributed to moisture
04 intrusion led to the discovery that equipment/cable interfaces using a Crouse-Hinds
05 conduit coupling as a sealing method may be susceptible to moisture seepage. This
06 potential environmental qualification deficiency is reportable pursuant to T.S.6.
07 9.1.10(i). Evaluation indicates that both McGuire units can be operated safely
08 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 14 COMP SUBCODE Z 15 VALVE SUBCODE Z 16
17 LER/RO REPORT NUMBER 83 18 ACTION TAKEN X 19 FUTURE ACTION F 20 EFFECT ON PLANT Z 21 SHUTDOWN METHOD Z 22 HOURS 0000
23 SEQUENTIAL REPORT NO. C85 24 OCCURRENCE CODE 01 25 REPORT TYPE T 26 REVISION NO. 0
27 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS
28 ATTACHMENT SUBMITTED Y 29 NPRO-4 FORM SUB. N 30 PRIME COMP. SUPPLIER L 31 COMPONENT MANUFACTURER C720

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

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 E 28 % POWER 100 29 OTHER STATUS NA 30 METHOD OF DISCOVERY C 31 DISCOVERY DESCRIPTION Design Engineering Review

16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36

17 PERSONNEL EXPOSURES NUMBER 000 37 TYPE Z 38 DESCRIPTION NA

18 PERSONNEL INJURIES NUMBER 000 40 DESCRIPTION NA

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA

20 PUBLICITY ISSUED DESCRIPTION N 44

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