

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 N C M G S I 200-000000-00 34111145
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 603000369703028380401839
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 While in a maintenance outage with the core unloaded, a review in response to

03 the environmental qualification ruling 10 CFR 50.49 determined that the 4 exist-

04 ing aux. feedwater flow transmitters (1 per S/G) located in the doghouses (main

05 steam and feedwater isolation valve enclosures) are not environmentally qualified

06 for the 330 degree F main steam break environment. This is reportable per T.S.

07 6.9.1.13(c). Although redundant S/G level instrumentation exists, loss of the

08 flow transmitters could mislead operators. Health and safety of the public were

09 unaffected

09 I E 11 X 12 Z 13 I N S T R U 14 T 15 Z 16

17 LER RC REPORT NUMBER 8 3 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

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

18 Z 19 C 20 Z 21 Z 22 0000 N 23 N 24 L 25 B 0 8 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The instrumentation (Barton Model 386A class 1E Electronic Differential Pressure

11 Transmitters) was added in response to NUREG 0578, at which time the function of

12 the instrumentation in a harsh environment was not identified. The transmitters

13 were overlooked in the review done in response to NUREG 0588. The transmitters

14 will be replaced with environmentally qualified transmitters (Rosemount Model

15 153 Series D).

15 X 28 0 0 0 29 Maint. Outage 30 Design Engineering review

16 Z 33 Z 34 N/A 35 N/A 36

17 0 0 0 37 Z 38 N/A

18 0 0 0 39 N/A

19 0 0 0 40 N/A

20 Z 42 N/A 43

21 N 44 N/A

22 N 45

NAME OF PREPARER Phillip B. Nardoci

PHONE (704) 373-7432