

CONTROL BLOCK

PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION

01 N C M G S 2 00 - 00 00 00 - 00 03 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 0 3 7 0 1 0 2 7 8 3 1 1 2 8 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

While in Mode 5, during performance of isolation valve leak rate testing, mechanical penetration M456 (containment purge valves 2VP-8 and 9) failed to meet the leakage criteria of T.S.4.6.1.9.3. Although identified while in Mode 5, this condition may have existed during operation in higher modes. This constitutes a degradation of the containment ventilation system (T.S.3.6.1.9) which is reportable pursuant to T.S.3.6.1.9 and similar to RO-370/83-43. Redundant isolation valve 2VP-9's seal was uncompromised. Health and safety of the public were unaffected.

SYSTEM CODE SC 11 CAUSE CODE B 12 CAUSE SUBCODE A 13 COMPONENT CODE V A L V E X 14 COMP SUBCODE B 15 VALVE SUBCODE D 16
17 LER/NO REPORT NUMBER 8 3 18 EVENT YEAR 8 3 19 SEQUENTIAL REPORT NO. 0 7 5 20 OCCURRENCE CODE 0 3 21 REPORT TYPE L 22 REVISION NO. 0
ACTION TAKEN E 18 FUTURE ACTION Z 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 10 10 0 22 ATTACHMENT SUBMITTED N 23 NPRO-6 FORM SUB. N 24 PRIME COMP. SUPPLIER L 25 COMPONENT MANUFACTURER F 1 1 2 1 7 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

This is attributed to design deficiency due to the poor sealing characteristics of the two butterfly valves installed in the penetration. A leakage path was found in 2VP-8 (Fisher type 9220, 24" Butterfly) along the circumference of the butterfly disc, possibly as a result of heat cycling. This crack was closed by adjusting the t-ring and tapping the butterfly disc - enhancing the "mating" of the seals. The penetration was then retested satisfactorily.

15 FACILITY STATUS G 28 16 POWER 0 0 0 0 29 17 OTHER STATUS NA 30 18 METHOD OF DISCOVERY B 31 19 DISCOVERY DESCRIPTION Routing Leak Testing 32

16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 17 AMOUNT OF ACTIVITY NA 34 18 LOCATION OF RELEASE NA 35

17 PERSONNEL EXPOSURES NUMBER 0 0 0 0 37 18 TYPE Z 38 19 DESCRIPTION NA 39

18 PERSONNEL INJURIES NUMBER 0 0 0 0 40 19 DESCRIPTION NA 41

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 20 DESCRIPTION NA 43

20 PUBLICITY ISSUED DESCRIPTION N 44 21 NRC USE ONLY 45

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November 28, 1983

03 DEC 12 4 19:37

Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street NW, Suite 2900
Atlanta, Georgia 30303

Subject: McGuire Nuclear Station Unit 2
Docket No. 50-370
LER/RO-370/83-75

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-370/83-75. This report concerns T.S. 3.6.1.9, "Each containment purge supply and/or exhaust isolation valve shall be operable and: a. each containment purge supply and/or exhaust isolation valve for the lower compartment (24 inch) and instrument room (12 inch and 24 inch) shall be sealed closed...". This incident was considered to be of no significance with respect to the health and safety of the public.

Very truly yours,

H.B. Tucker / BS

Hal B. Tucker

FBN:jfw
Attachment

cc: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. W. T. Orders
NRC Resident Inspector
McGuire Nuclear Station

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Institute of Nuclear Power Operations
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Atlanta, Georgia 30339

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