

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1 2 3 4 5 6 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

1 2 3 4 5 6 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)

While in Mode 1, a trouble alarm for fire detection zone EFA 162 (Unit 1 Reactor Building Annulus) was received in the control room which would not reset. EFA 162 was subsequently declared inoperable. This constitutes a degradation of the fire detection instrumentation (T.S.3.3.2.7) which is reportable pursuant to T.S.6.9.1.11(b) and similar to RO's 369/83-69, 83-71, 83-88, 83-99, 83-106 and 370/83-41. An hourly fire watch patrol was established in accordance with the T.S. action statement, restoring early detection capability. Health and safety of the public were unaffected.

1 2 3 4 5 6 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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

This is attributed to unusual service conditions due to moisture accumulation in the detector and its base. One ionization type detector (Honeywell TC100A) and base were found badly corroded. The source of water could not be determined. This was the first time this year that EFA 162 has been declared inoperable. The detector and base were replaced, the alarm reset, and the zone declared operable.

1 2 3 4 5 6 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

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NUCLEAR PRODUCTION

December 22, 1983

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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 1  
Docket No. 50-369  
LER/RO-369/83-113

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-369/83-113. This report concerns T.S. 3.3.3.7, "As A Minimum, The Fire Detection Instrumentation For Each Fire Detection Zone Shown in Table 3.3-11 Shall Be Operable". 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 / BT*

Hal B. Tucker

PBN: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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