

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 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 1 | 4 | 5

LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

CONT

01 | REPORT SOURCE | L | 0 | 5 | 0 | 0 | 0 | 3 | 7 | 0 | 7 | 1 | 1 | 2 | 5 | 8 | 3 | 8 | 1 | 2 | 2 | 2 | 8 | 3 | 9

DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | While in Mode 1, a fire alarm for fire detection zone EFA 188 (Unit 2 reactor building annulus) was received in the control room which was determined to be invalid but would not reset. EFA 188 was subsequently declared inoperable. This constitutes a degradation of the fire detection instrumentation (T.S.3.3.3.7) which is reportable pursuant to T.S.6.9.1.11(b) and similar to previous incidents referenced in RO-369/83-94, 83-112 and 370/83-66. 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.

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

SYSTEM CODE | CAUSE CODE | SUBCODE | COMPONENT CODE | SUBCODE | SUBCODE

17 | EVENT YEAR | 8 | 3 | 1 | 0 | 8 | 1 | 0 | 3 | L | 0

LEAD REPORT NUMBER | EVENT YEAR | SEQUENTIAL REPORT NO. | OCCURRENCE CODE | REPORT TYPE | REVISION NO.

18 | C | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | N | 23 | N | 24 | L | 25 | X | 9 | 9 | 9

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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | This is attributed to component malfunction due to dirt accumulation in one ionization type detector (Firemark 9620). This was the first incident this year in which EFA 188 has been declared inoperable. A new detector was installed. the alarm reset, a functional verification performed, and the zone declared operable on 11/25/83.

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15 | B | 28 | 0 | 8 | 9 | 29 | NA | A | 31 | Control Room Alarm

FACILITY STATUS | % POWER | OTHER STATUS | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION

16 | Z | 33 | Z | 34 | NA | NA | NA

ACTIVITY CONTENT RELEASED OF RELEASE | AMOUNT OF ACTIVITY | LOCATION OF RELEASE

17 | 0 | 0 | 0 | 37 | Z | 38 | NA

PERSONNEL EXPOSURES NUMBER | TYPE | DESCRIPTION

18 | 0 | 0 | 0 | 40 | NA

PERSONNEL INJURIES NUMBER | DESCRIPTION

19 | Z | 42 | NA

LOSS OF OR DAMAGE TO FACILITY TYPE | DESCRIPTION

20 | N | 44 | NA

PUBLICITY ISSUED DESCRIPTION

21 | N | 44 | NA

NAME OF PREPARER: Phillip B. Nardoci

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PDR ADOCK 05000370
S PDR

IE22

NRC USE ONLY

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VICE PRESIDENT
NUCLEAR PRODUCTION

December 22, 1983

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27 DEC 29 A 8: 58

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-370/83-81

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-370/83-81. 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 / JFW

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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