

# LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 MIDCC1 200-00000-00 3411111 4 5

CON'T  
01 REPORT SOURCE L 605000315 70414813 8051383 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 DURING A SURVEILLANCE TEST ON THE CHARCOAL FILTER FIRE PROTECTION SYSTEM IT WAS FOUND  
03 THAT THE DELUGE VALVES FOR THE INSTRUMENT ROOM PURGE EXHAUST (1-HV-CIPX-1) AND THE  
04 CONTROL ROOM CLEANUP SYSTEM (1-HV-ACRF-1) DID NOT OPEN WHEN AN ACTUATION SIGNAL WAS  
05 INITIATED. THESE EVENTS WERE NON-CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION  
06 3.7.9.2 TABLE 3.7-5. THE ACTION REQUIREMENTS WERE MET. PUBLIC HEALTH AND SAFETY  
07 WERE NOT AFFECTED. THESE ARE THE FIRST OCCURRENCES OF THIS TYPE.

08 9

09 SYSTEM CODE AB 11 CAUSE CODE E 12 CAUSE SUBCODE G 13 COMPONENT CODE INSITRIU 14 COMP SUBCODE P 15 VALVE SUBCODE Z 16

17 LER/RO REPORT NUMBER 83 21 22 23 24 25 26 27 28 29 30 31 32

ACTION TAKEN B 13 FUTURE ACTION Z 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0000 22 ATTACHMENT SUBMITTED Y 23 NPRO-4 FORM SUB. Y 24 PRIME COMP. SUPPLIER N 25 COMPONENT MANUFACTURER A198 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 INVESTIGATION REVEALED THAT THE TIME DELAY CIRCUIT BOARDS ASSOCIATED WITH 1-HV-CIPX-1  
11 AND 1-HV-ACRF-1 HAD FAILED. ON 4-14-83 JUMPERS WERE TEMPORARILY INSTALLED ON THE  
12 TIME DELAY CIRCUIT BOARDS TO ENABLE THE DELUGE VALVES TO OPEN ON AN ACTUATION SIGNAL  
13 AND THE SYSTEMS WERE DECLARED OPERABLE. (SEE ATTACHED SUPPLEMENT).

14 8 9

15 FACILITY STATUS E 28 % POWER 100 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION SURVEILLANCE TEST 32

16 ACTIVITY CONTENT Z 33 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36

17 PERSONNEL EXPOSURES NUMBER 000 37 TYPE Z 38 DESCRIPTION NA 39

18 PERSONNEL INJURIES NUMBER 000 40 DESCRIPTION NA 41

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

20 PUBLICITY ISSUED N 44 DESCRIPTION NA 45

21 8 9

NAME OF PREPARER R. A. PALMER

PHONE 616-465-5901

NRC USE ONLY

68 69

80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00

ATTACHMENT TO LER# 83-035/03L-0

SUPPLEMENT TO CAUSE DESCRIPTION

INVESTIGATION REVEALED THAT THE TIME DELAY CIRCUIT BOARDS ASSOCIATED WITH 1-HV-CIPX-1 AND 1-HV-ACRF-1 HAD FAILED. ON 4-14-83 JUMPERS WERE TEMPORARILY INSTALLED ON THE TIME DELAY CIRCUIT BOARDS TO ENABLE THE DELUGE VALVES TO OPEN ON AN ACTUATION SIGNAL AND THE SYSTEMS WERE DECLARED OPERABLE. MANUAL RESET WAS REQUIRED TO CLOSE THE DELUGE VALVES WITH THE JUMPERS INSTALLED. THE REPAIR AND REPLACEMENT OF THE CIRCUIT BOARDS WAS PERFORMED ON 5-6-83 WHICH ALLOWED FOR MANAGEMENT REVIEW OF THE BACKUP FIRE SUPPRESSION REQUIREMENTS. AT THIS TIME THE CIRCUIT BOARDS WERE VERIFIED TO BE OPERATING CORRECTLY AND THE SYSTEMS WERE RETURNED TO SERVICE. NO FURTHER ACTION IS PLANNED.



**INDIANA & MICHIGAN ELECTRIC COMPANY**

DONALD C. COOK NUCLEAR PLANT  
P.O. Box 458, Bridgman, Michigan 49106  
(616) 465-5901

May 13, 1983

Mr. J.G. Keppler, Regional Administrator  
United States Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

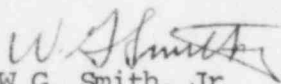
Operating License DPR-58  
Docket No. 50-315

Dear Mr. Keppler:

Pursuant to the requirements of the Appendix A Technical Specifications,  
the following report/s are submitted:

RO 83-035/03L-0

Sincerely,

  
W.G. Smith, Jr.  
Plant Manager

/bab

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MAY 16 1983

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