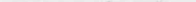


LICENSEE EVENT REPORT

CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 MIDIC1 2 00-000000-00 3 411111 4 5

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 5d

CON'T

REPORT SOURCE L (6) 0 5 0 0 0 3 1 5 (7) 0 8 1 1 7 8 3 (8) 0 9 1 4 8 3 (9)

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 WITH THE REACTOR COOLANT SYSTEM IN MODE 6, THE TRAIN A LOWER CONTAINMENT AIRBORNE

53 MONITOR (ERS-1300) WAS DECLARED INOPERABLE DUE TO FAILURE OF THE CONTROL TERMINAL.

04 THIS EVENT WAS NON-CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION 3.3.3.1 TABLE

3.3-6 ITEM 2.a, 3.3.3.10 TABLE 3.3-13 ITEM 4.a AND 3.9.9. THE ACTION REQUIREMENTS WERE

06 MET. PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED. PREVIOUS OCCURRENCES INCLUDE: 50-315/

07 83-082, 038, 82-087.

| | | |
|----|---|---|
| 10 | 8 | |
| 7 | 8 | 9 |

Diagram illustrating the structure of the 20-character alphanumeric code:

- SYSTEM CODE: Positions 1-2 (B, B)
- CAUSE CODE: Position 3 (E)
- CAUSE SUBCODE: Position 4 (G)
- COMPONENT CODE: Positions 5-10 (I, N, S, T, R, U)
- COMP. SUBCODE: Position 11 (E)
- VALVE SUBCODE: Position 12 (Z)

(17) LER/RO REPORT NUMBER EVENT YEAR 8 3 — SEQUENTIAL REPORT NO. 0 8 5 / OCCURRENCE CODE 0 3 REPORT TYPE L — REVISION NO. 0

ACTION TAKEN (13) Z (19) EFFECT ON PLANT (20) Z SHUTDOWN METHOD (21) Z HOURS (22) 0 10 10 10 ATTACHMENT SUBMITTED (23) N NPRD-4 FORM SUB. (24) Y PRIME COMP. SUPPLIER (25) L COMPONENT MANUFACTURER (26) E 0 7 10

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 INVESTIGATION FOUND THE CENTRAL PROCESSING UNIT (CPU) IN A LOCKED UP STATE, CAUSING THE

CONTROL TERMINAL FAILURE. THE CPU WAS RESET AND THE SYSTEM WAS VERIFIED TO BE

1 2 OPERATING CORRECTLY AND RETURNED TO SERVICE. NO FURTHER ACTION PLANNED AT THIS TIME.

1 3

1 3

8 9 FACILITY STATUS 1 5 H 28 10 11 12 % POWER 0 0 0 0 29 13 14 15 OTHER STATUS NA 30 16 17 18 METHOD OF DISCOVERY B 31 19 20 21 22 DISCOVERY DESCRIPTION 32 23 24 25 OPERATOR OBSERVATION 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

ACTIVITY CONTENT
RELEASED OF RELEASE
1 6 Z 33 Z 34 AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36
d 9 10 NA NA

| PERSONNEL EXPOSURES | | | | | | | | | |
|---------------------|---|---|------|-------------|------|---|------|--|----|
| NUMBER | | | TYPE | DESCRIPTION | | | | | |
| 1 | 7 | 0 | 0 | 0 | (37) | Z | (38) | | NA |

| PERSONNEL INJURIES | | | | | | | | | | 80 | |
|--------------------|---|---|----|------------------|---|---|---|---|----|----|----|
| NUMBER | | | | DESCRIPTION (41) | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 0 | 0 | 0 | 40 | NA | | | | | | | |

| LOSS OF OR DAMAGE TO FACILITY | | DESCRIPTION | | NA | |
|-------------------------------|---|-------------|------|----|--|
| TYPE | | | | | |
| 1 | 9 | Z | (42) | | |
| d | 9 | | | | |
| | | | | | |

8309230199 830914
PDR ADOCK 05000315
S PDR

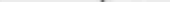
80

PUBLICITY
ISSUED DESCRIPTION (45)
8 9 10 NA
NRC USE ONLY

NAME OF PREPARER R. A. PALMER

PHONE 616/465/5901

LICENSEE EVENT REPORT

CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | M | I | D | C | C | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 1 | 4 | 5
7 8 9 14 15 25 26 30 37 CAT 38
CONT LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT

CON'T

REPORT
SOURCE

60 L 6 0 5 0 0 0 3 1 5 7 0 8 1 1 7 8 3 3 0 9 1 4 8 3 9
 61 DOCKET NUMBER 63 69 EVENT DATE 74 75 REPORT DATE 80

SECRET NUMBER

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 WITH THE REACTOR COOLANT SYSTEM IN MODE 6, THE LOW PRESSURE CO₂ FIRE PROTECTION SYSTEM

53 WAS REMOVED FROM SERVICE ON TWO OCCASIONS TO PERFORM REPAIRS ON THE CO2 HOSE REEL HEADER

014 SYSTEM, WHICH IS NON-TECHNICAL SPECIFICATION EQUIPMENT. THE REMOVAL OF THE CO2 FIRE

015 PROTECTION SYSTEM WAS NON-CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION 3.7.9.3.b.

017 THE ACTION REQUIREMENTS WERE MET. PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED. THESE

017 OCCURRENCES WERE THE FIRST OF THIS TYPE.

| | | | | | | | | | | | | | | | | | | | |
|--------------|----|-----------------------|----|-----------------|----|-----------------|----|--------------|----|----------------------|----|-----------------|----|----------------------|----|------------------------|----|----|----|
| SYSTEM CODE | | CAUSE CODE | | CAUSE SUBCODE | | COMPONENT CODE | | | | COMP SUBCODE | | VALVE SUBCODE | | | | | | | |
| A | B | E | | A | | I | N | S | T | R | U | E | Z | | | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | | | | | | |
| EVENT YEAR | | SEQUENTIAL REPORT NO. | | OCCURRENCE CODE | | REPORT TYPE | | REVISION NO. | | | | | | | | | | | |
| 8 | 3 | 0 | 8 | 6 | 0 | 13 | L | 0 | | | | | | | | | | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | | | | | |
| ACTION TAKEN | | FUTURE ACTION | | EFFECT ON PLANT | | SHUTDOWN METHOD | | HOURS | | ATTACHMENT SUBMITTED | | NPRD-4 FORM SUB | | PRIME COMP. SUPPLIER | | COMPONENT MANUFACTURER | | | |
| A | Z | Z | | Z | | 0 | 0 | 0 | 0 | N | | Y | | N | | A | 1 | 9 | 8 |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |

119 INVESTIGATION FOUND THE PILOT VALVE SOLENOID COIL OPEN, CAUSING THE CO₂ HOSE REEL HEADER.

1 TO PRESSURIZE. THE COIL MANUFACTURED BY SKINNER ELECTRIC VALVES, WAS REPLACED. THE

112 | SYSTEM WAS VERIFIED TO OPERATE CORRECTLY AND RETURNED TO SERVICE.

[illegible]

NAME OF PREPARER R. A. PALMER

PHONE: 616-465-5901

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 M I D C C 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 1 5

CON'T 01 L 6 0 5 0 0 0 3 1 5 7 0 8 1 8 8 3 5 0 9 1 4 8 3 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

012 WITH THE REACTOR COOLANT SYSTEM IN MODE 6, A DAILY ROUTINE PARTICULATE FILTER CHANGE WAS
013 PERFORMED ON THE TRAIN B LOWER CONTAINMENT AIRBORNE MONITOR (ERS-1400). AFTER COMPLETION
014 OF THE FILTER CHANGE, ERS-1400 COULD NOT BE RETURNED TO OPERATION. THIS EVENT WAS NON-
015 CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION 3.3.3.1. TABLE 3.3-6 ITEM 2.b,
016 3.3.3-10 TABLE 3.3-13 ITEM 4.a AND 3.9.9. THE ACTION REQUIREMENTS WERE MET. PUBLIC
017 HEALTH AND SAFETY WERE NOT AFFECTED. PREVIOUS OCCURRENCE OF A SIMILAR NATURE INCLUDE:
018 050-315/83-033.

019 B B 11 E 12 G 13 I N S T R U 14 E 15 Z 16
17 8 3 0 8 7 0 13 L 0
A 13 Z 19 Z 20 Z 21 0 0 0 0 N 22 Y 24 A 25 E 0 7 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

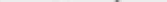
110 INVESTIGATION FOUND A COMBINATION OF PROBLEMS CAUSING THE ERS-1400 TO FAIL. THESE
111 PROBLEMS CONSISTED OF CIRCUIT BOARD FAILURES AND DIRT IN THE MICRO COMPUTER. THE
112 CIRCUIT BOARDS WERE REPAIRED AND THE MICRO COMPUTER WAS CLEANED. ERS-1400 WAS VERIFIED
113 TO BE OPERATING CORRECTLY AND RETURNED TO SERVICE.

114 H 23 0 0 0 23 NA 30 B 31 PARTICULATE FILTER CHANGE 32
115 Z 33 Z 34 NA 35 NA 36
116 0 10 10 37 Z 38 NA 39
117 0 10 10 40 NA 41
118 Z 47 NA 43
119 N 44 NA 45

NAME OF PREPARER R. A. PALMER

PHONE 616-465-5901

LICENSEE EVENT REPORT

CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | M | I | D | C | C | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 1 | 4 | 5

7 8 9 14 15 25 26 30 37 CAT 38

LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T

REPORT
SOURCE

L (6) 0 5 0 0 0 3 1 5 (7) 0 8 2 1 8 3 (3) 0 9 1 4 8 3 (9)
 60 61 DOCKET NUMBER 63 69 EVENT DATE 74 75 REPORT DATE 80

SECRET NUMBER

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 WITH THE REACTOR COOLANT SYSTEM IN MODE 6, THE TRAIN A LOWER CONTAINMENT AIRBORNE
013 MONITOR (ERS-1300) WAS REMOVED FROM SERVICE ON TWO OCCASIONS TO MAKE REPAIRS TO THE
014 CONTAINMENT LOW RANGE NOBLE GAS MONITOR (ERS-1305). THESE EVENTS WERE NON-CONSERVATIVE
015 WITH RESPECT TO TECHNICAL SPECIFICATION 3.3.3.1 TABLE 3.3-6 ITEM 2.a, 3.3.3.10 TABLE
016 3.3-13 ITEM 4.a AND 3.9.9. THE ACTION REQUIREMENTS WERE MET. PUBLIC HEALTH AND SAFETY
017 WERE NOT AFFECTED. PREVIOUS OCCURRENCES INCLUDE: 50-315/83-085, 082, 038, 82-087.

| | | | | | | | |
|---|--------------------------|----------------------------|--------------------------------------|----------------------------------|---------------------------------|---|-----------------------|
| SYSTEM CODE B B 11 | | CAUSE CODE E 12 | CAUSE SUBCODE G 13 | COMPONENT CODE I N S T R U 14 | | COMP SUBCODE E 15 | VALVE SUBCODE Z 16 |
| 12 LE/RD REPORT NUMBER | EVENT YEAR 8 3 21 22 | 23 | SEQUENTIAL REPORT NO. 0 8 8 24 26 | 27 | OCCURRENCE CODE 0 3 28 29 | REPORT TYPE L 30 | 31 |
| ACTION TAKEN A 13 33 | FUTURE ACTION X 19 34 | EFFECT ON PLANT Z 20 35 | SHUTDOWN METHOD Z 21 36 | HOURS 0 0 0 0 37 40 | ATTACHMENT SUBMITTED N 22 41 | PRIME COMP SUPPLIER A 25 43 | REVISION NO. 0 32 |
| CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) | | | | NPRD-4 FORM SUB Y 24 42 | | COMPONENT MANUFACTURER E 0 1 7 10 44 | |

110 ON BOTH OCCASIONS INVESTIGATION FOUND A FAILURE IN THE DETECTOR I/O CARD ASSOCIATED
111 WITH ERS-1305. THE DETECTOR I/O CARD WAS REPLACED EACH TIME. THE SYSTEM WAS VERIFIED
112 TO OPERATE CORRECTLY AND RETURNED TO SERVICE. EFFORTS TO RESOLVE THESE RECURRING
113 PROBLEMS WITH THIS SYSTEM HAVE BEEN INITIATED.

| | | | | | | | | | |
|---------------------|------|--------------------|-------|-------------------------------|------|---------------------|-------|-----------------------|----------------------|
| FACILITY STATUS | | % POWER | | OTHER STATUS | | METHOD OF DISCOVERY | | DISCOVERY DESCRIPTION | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| H | (31) | 0 | 0 | 0 | (32) | NA | B | (33) | OPERATOR OBSERVATION |
| ACTIVITY CONTENT | | AMOUNT OF ACTIVITY | | LOCATION OF RELEASE | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Z | (34) | Z | (35) | NA | (36) | NA | (37) | (38) | (39) |
| PERSONNEL EXPOSURES | | PERSONNEL INJURIES | | LOSS OF OR DAMAGE TO FACILITY | | PUBLICITY | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0 | 0 | 0 | (40) | Z | (41) | NA | Z | (42) | (43) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (44) | 0 | 0 | 0 | (45) | N | (46) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (47) | 0 | 0 | 0 | (48) | N | (49) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (50) | 0 | 0 | 0 | (51) | N | (52) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (53) | 0 | 0 | 0 | (54) | N | (55) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (56) | 0 | 0 | 0 | (57) | N | (58) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (59) | 0 | 0 | 0 | (60) | N | (61) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (62) | 0 | 0 | 0 | (63) | N | (64) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (65) | 0 | 0 | 0 | (66) | N | (67) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (68) | 0 | 0 | 0 | (69) | N | (70) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (71) | 0 | 0 | 0 | (72) | N | (73) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (74) | 0 | 0 | 0 | (75) | N | (76) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (77) | 0 | 0 | 0 | (78) | N | (79) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (80) | 0 | 0 | 0 | (81) | N | (82) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (83) | 0 | 0 | 0 | (84) | N | (85) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (86) | 0 | 0 | 0 | (87) | N | (88) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (89) | 0 | 0 | 0 | (90) | N | (91) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (92) | 0 | 0 | 0 | (93) | N | (94) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (95) | 0 | 0 | 0 | (96) | N | (97) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (98) | 0 | 0 | 0 | (99) | N | (100) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (101) | 0 | 0 | 0 | (102) | N | (103) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (104) | 0 | 0 | 0 | (105) | N | (106) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (107) | 0 | 0 | 0 | (108) | N | (109) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (110) | 0 | 0 | 0 | (111) | N | (112) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (113) | 0 | 0 | 0 | (114) | N | (115) |
| NUMBER | | TYPE | | DESCRIPTION | | NUMBER | | DESCRIPTION | |
| 0 | 0 | 0 | (116) | 0 | 0 | 0 | (117) | N | (118) |

NAME OF PREPARER R. A. PALMER

PHONE: 616-465-5901



INDIANA & MICHIGAN ELECTRIC COMPANY

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

September 14, 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 reports are submitted:

RO 83-085/03L-0
RO 83-086/03L-0
RO 83-087/03L-0
RO 83-088/03L-0

Sincerely,

for W.G. Smith, Jr.
Plant Manager

/chm

cc: J.E. Dolan
M.P. Alexich
R.F. Kroeger
H. Brugger
E. Swanson/N. DuBry RO:III
R.C. Callen MPSC
G. Charnoff, Esq.
J.M. Hennigan
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