

**LICENSEE EVENT REPORT**

**CONTROL BLOCK:**

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

|               |   |                |   |   |   |   |    |    |   |   |   |   |   |   |   |   |   |              |    |    |   |   |   |     |   |    |    |     |    |
|---------------|---|----------------|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|--------------|----|----|---|---|---|-----|---|----|----|-----|----|
| 0             | 1 | M              | I | D | C | C | 2  | 2  | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0            | 0  | 3  | 4 | 1 | 1 | 1   | 1 | 4  |    |     | 5  |
| 7             | 8 |                |   |   |   |   | 14 | 15 |   |   |   |   |   |   |   |   |   |              | 25 | 26 |   |   |   |     |   | 30 | 57 | CAT | 58 |
| LICENSEE CODE |   | LICENSE NUMBER |   |   |   |   |    |    |   |   |   |   |   |   |   |   |   | LICENSE TYPE |    |    |   |   |   | CAT |   |    |    |     |    |

CON'T

REPORT SOURCE: 0 1 7 8 L 6 0 5 0 0 0 3 1 6 7 0 9 1 1 7 8 8 1 0 1 1 7 8 9

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

**EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)**

0 2 | 2AB DIESEL WAS STARTED FOR A LOAD TEST WHEN THE AIR START LINE WAS  
0 3 | OBSERVED TO BE HOT AND BURNING OFF PAINT. 2AB DIESEL WAS TRIPPED AND  
0 4 | DECLARED INOPERABLE. WITH TRANSFORMER TR201AB PREVIOUSLY TAGGED OUT  
0 5 | FOR MAINTENANCE, AN OFFSITE CIRCUIT AND A DIESEL GENERATOR REQUIRED  
0 6 | BY TECH. SPEC. 3.8.1.1 WERE INOPERABLE. REMAINING A.C. SOURCES WERE  
0 7 | DEMONSTRATED OPERABLE AS REQUIRED. THIS EVENT DID NOT JEOPARDIZE  
0 8 | THE PUBLIC HEALTH AND SAFETY.

|    |    |                      |    |                    |                 |    |    |                                |    |    |                               |    |                        |                |    |    |                           |    |    |                       |    |    |                           |    |    |                                   |    |    |    |
|----|----|----------------------|----|--------------------|-----------------|----|----|--------------------------------|----|----|-------------------------------|----|------------------------|----------------|----|----|---------------------------|----|----|-----------------------|----|----|---------------------------|----|----|-----------------------------------|----|----|----|
| 09 |    | SYSTEM CODE<br>E E   |    | 11                 | CAUSE CODE<br>E |    | 12 | CAUSE SUBCODE<br>B             |    | 13 | COMPONENT CODE<br>E N G I N E |    |                        |                |    | 14 | COMP. SUBCODE<br>Z        |    | 15 | VALVE SUBCODE<br>Z    |    | 16 |                           |    |    |                                   |    |    |    |
| 7  | 8  | 9                    | 10 |                    | 11              |    |    | 12                             |    |    | 13                            |    |                        |                |    | 14 |                           |    | 15 |                       |    | 16 |                           |    |    |                                   |    |    |    |
| 17 |    | LER/RO REPORT NUMBER |    | EVENT YEAR<br>7 8  |                 | 21 | 22 | SEQUENTIAL REPORT NO.<br>0 7 0 |    | 24 | 25                            | 26 | OCCURRENCE CODE<br>0 3 |                | 28 | 29 | REPORT TYPE<br>L          |    | 30 | REVISION NO.<br>0     |    | 32 |                           |    |    |                                   |    |    |    |
| 33 |    | ACTION TAKEN<br>A    |    | FUTURE ACTION<br>Z |                 | 34 | 35 | EFFECT ON PLANT<br>Z           |    | 36 | SHUTDOWN METHOD<br>Z          |    | 37                     | HOURS<br>0 0 0 |    | 40 | ATTACHMENT SUBMITTED<br>N |    | 41 | NPRD-4 FORM SUB.<br>Y |    | 42 | PRIME COMP. SUPPLIER<br>A |    | 43 | COMPONENT MANUFACTURER<br>W 3 1 5 |    | 46 | 47 |
| 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 |

### CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 THE PISTON BOLT FOR THE NUMBER 6 FRONT BANK AIR START CHECK VALVE HAD  
1 1 BECOME LOOSE ENOUGH TO ALLOW COMBUSTION VAPORS TO ENTER THE AIR STARTING  
1 2 LINE. THE CHECK VALVE WAS REPLACED AND ENGINE RETESTED SATISFACTORILY.  
1 3 THIS IS THE FIRST FAILURE IN THIS MANNER. RETEST INDICATED OTHER VALVES  
1 4 OPERATING PROPERLY, THUS NO FURTHER PROBLEMS ARE ANTICIPATED.

|                 |   |         |      |   |   |              |      |    |  |    |  |      |  |                     |      |                       |  |    |  |    |  |    |  |
|-----------------|---|---------|------|---|---|--------------|------|----|--|----|--|------|--|---------------------|------|-----------------------|--|----|--|----|--|----|--|
| 7               |   | 8       |      | 9 |   |              |      |    |  |    |  | 30   |  | METHOD OF DISCOVERY |      | DISCOVERY DESCRIPTION |  |    |  |    |  | 32 |  |
| FACILITY STATUS |   | % POWER |      |   |   | OTHER STATUS |      |    |  |    |  | (30) |  |                     |      |                       |  |    |  |    |  |    |  |
| 1               | 5 | E       | (28) | 0 | 9 | 7            | (29) | NA |  |    |  |      |  | B                   | (31) | TEST RUN              |  |    |  |    |  |    |  |
| 7               |   | 8       |      | 9 |   | 10           |      | 11 |  | 12 |  | 13   |  | 44                  |      | 45                    |  | 46 |  | 80 |  |    |  |

ACTIVITY CONTENT  
RELEASED OF RELEASE

1 6 Z 33 10 Z 34

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

44

45

LOCATION OF RELEASE (36)

NA

80

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

| PERSONNEL INJURIES |             |
|--------------------|-------------|
| NUMBER             | DESCRIPTION |
| 00040              | NA          |

| 7    |   | 8                             | 9    | 11 |  | 12   |  |
|------|---|-------------------------------|------|----|--|------|--|
|      |   | LOSS OF OR DAMAGE TO FACILITY |      |    |  | (43) |  |
| TYPE |   | DESCRIPTION                   |      |    |  |      |  |
| 1    | 9 | 7                             | (42) | NA |  |      |  |

|   |   |           |      |    |                  |  |  |  |  |  |  |  |  |  |              |
|---|---|-----------|------|----|------------------|--|--|--|--|--|--|--|--|--|--------------|
| 7 |   | 8         | 9    | 10 |                  |  |  |  |  |  |  |  |  |  | 80           |
|   |   | PUBLICITY |      |    |                  |  |  |  |  |  |  |  |  |  |              |
|   |   | ISSUED    |      |    | DESCRIPTION (45) |  |  |  |  |  |  |  |  |  | NRC USE ONLY |
| 2 | 0 | N         | (44) | NA |                  |  |  |  |  |  |  |  |  |  |              |

**NRC USE ONLY**

7810180032  
NAME OF PR

NAME OF PREPARER

M.S. BROWN

Mike Brown

PHONE: (616) 465-5901, EXT. 398

**GPO 917-926**

D. Sanham



**INDIANA & MICHIGAN POWER COMPANY**

DONALD C. COOK NUCLEAR PLANT  
P.O. Box 458, Bridgman, Michigan 49106

October 11, 1978

Mr. J.G. Keppler, Regional Director  
Office of Inspection and Enforcement  
United States Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Operating License DPR-74  
Docket No. 50-316

Dear Mr. Keppler:

Pursuant to the requirements of the Appendix A Technical Specifications  
the following reports are submitted:

RO 78-069/03L-0  
RO 78-070/03L-0.

Sincerely,

for D.V. Shaller  
Plant Manager

/bab

- cc: J.E. Dolan  
R.W. Jurgensen  
R.F. Kroeger  
R. Kilburn  
R.J. Vollen BPI  
K.R. Baker RO:III  
R.C. Callen MPSC  
P.W. Steketee, Esq.  
R. Walsh, Esq.  
G. Charnoff, Esq.  
J.M. Hennigan  
G. Olson  
PNSRC  
J.F. Stietzel  
Dir., IE (30 copies)  
Dir., MIPC (3 copies)

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OCT 13 1978

DUPEs:

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32



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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

917-926 GPO



**LICENSEE EVENT REPORT**

CONTROL BLOCK: 

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|--|--|--|--|--|--|

 ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 8 9 14 15 25 26 30 57 58

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

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT

**CON'T**

CON 1  
7 0 1 8

REPORT SOURCE L 6 0 5 0 0 0 3 1 6 7 0 9 1 1 7 8 8 1 0 1 1 7 8 9  
60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

**EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)**

2AB DIESEL WAS STARTED FOR A LOAD TEST WHEN THE AIR START LINE WAS OBSERVED TO BE HOT AND BURNING OFF PAINT. 2AB DIESEL WAS TRIPPED AND DECLARED INOPERABLE. WITH TRANSFORMER TR201AB PREVIOUSLY TAGGED OUT FOR MAINTENANCE, AN OFFSITE CIRCUIT AND A DIESEL GENERATOR REQUIRED BY TECH. SPEC. 3.8.1.1 WERE INOPERABLE. REMAINING A.C. SOURCES WERE DEMONSTRATED OPERABLE AS REQUIRED. THIS EVENT DID NOT JEOPARDIZE THE PUBLIC HEALTH AND SAFETY.

|                           |    |               |             |                 |            |                       |               |       |                 |                      |             |                  |               |                      |               |                        |   |   |   |
|---------------------------|----|---------------|-------------|-----------------|------------|-----------------------|---------------|-------|-----------------|----------------------|-------------|------------------|---------------|----------------------|---------------|------------------------|---|---|---|
| 7                         | 8  | 9             | SYSTEM CODE |                 | CAUSE CODE |                       | CAUSE SUBCODE |       | COMPONENT CODE  |                      |             |                  | COMP. SUBCODE |                      | VALVE SUBCODE |                        |   |   |   |
| 0                         | 9  |               | E           | E               | E          |                       | B             |       | E               | N                    | G           | I                | N             | E                    | Z             | Z                      |   |   |   |
| 7                         |    | 8             | 9           | 10              | 11         | 12                    | 13            |       | 13              | 14                   | 15          | 16               | 17            | 18                   | 19            | 20                     |   |   |   |
| (17) LER/RO REPORT NUMBER |    |               | EVENT YEAR  |                 |            | SEQUENTIAL REPORT NO. |               |       | OCCURRENCE CODE |                      | REPORT TYPE |                  |               | REVISION NO.         |               |                        |   |   |   |
|                           |    |               | 7           | 8               |            | 0                     | 7             | 0     |                 | 0                    | 3           | L                |               | 0                    |               |                        |   |   |   |
|                           |    |               | 21          | 22              | 23         | 24                    | 25            | 26    | 27              | 28                   | 29          | 30               | 31            | 32                   |               |                        |   |   |   |
| 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                    | A             | W                      | 3 | 1 | 5 |
| 33                        | 34 | 35            | 36          | 37              | 38         | 39                    | 40            | 41    | 42              | 43                   | 44          | 45               | 46            | 47                   |               |                        |   |   |   |

**CAUSE DESCRIPTION AND CORRECTIVE ACTIONS** (27)

1 0 THE PISTON BOLT FOR THE NUMBER 6 FRONT BANK AIR START CHECK VALVE HAD  
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|                 |   |         |    |    |              |    |    |                     |    |                       |          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------------|---|---------|----|----|--------------|----|----|---------------------|----|-----------------------|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1               | 4 | 7       | 8  | 9  |              |    |    |                     |    |                       |          |    |    |    | 80 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| FACILITY STATUS |   | % POWER |    |    | OTHER STATUS |    |    | METHOD OF DISCOVERY |    | DISCOVERY DESCRIPTION |          |    |    |    |    |    |    |    |    | 80 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 1               | 5 | E       | 28 | 0  | 9            | 7  | 29 | NA                  | B  | 31                    | TEST RUN |    |    |    |    |    |    |    |    |    | 80 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 2               | 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 |

ACTIVITY CONTENT  
RELEASED OF RELEASE

1 6 Z (33) Z (34) NA (35)

2 8 9 10 11 44

NA

LOCATION OF RELEASE (36)

45 80

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

| PERSONNEL INJURIES |       | DESCRIPTION |    |
|--------------------|-------|-------------|----|
| NUMBER             |       |             |    |
| 1 8                | 0 0 0 | (40)        | NA |

| 7 |   | 8 |    | 9                             |  | 11          |  | 12 |  | 80 |  |
|---|---|---|----|-------------------------------|--|-------------|--|----|--|----|--|
|   |   |   |    | LOSS OF OR DAMAGE TO FACILITY |  |             |  |    |  |    |  |
|   |   |   |    | TYPE                          |  | DESCRIPTION |  |    |  |    |  |
| 1 | 9 | 7 | 42 | NA                            |  |             |  |    |  |    |  |

|             |   |   |      |             |              |
|-------------|---|---|------|-------------|--------------|
| 7           | 8 | 9 | 10   |             | 80           |
| PUBLICATION |   |   |      | (45)        | NRC USE ONLY |
| ISSUED      |   | N | (44) | DESCRIPTION |              |
| 2           |   | 0 | NA   |             |              |
| 7           | 8 | 9 | 10   | 68          | 69           |

NAME OF PREPARER M.S. BROWN

PHONE: (616) 465-5901, EXT. 398

