

## LICENSEE EVENT REPORT (LER)

|  |        |  |                |                     |                 |                  |                 |           |                    |   |   |                               |   |  |     |      |   |           |  |                        |  |  |
|--|--------|--|----------------|---------------------|-----------------|------------------|-----------------|-----------|--------------------|---|---|-------------------------------|---|--|-----|------|---|-----------|--|------------------------|--|--|
| FACILITY NAME (1)<br>D. C. COOK NUCLEAR PLANT, UNIT 1                      |        |  |                |                     |                 |                  |                 |           |                    | DOCKET NUMBER (2)<br>0 5 0 0 0 3 1 5 1 OF 0 1 1           |   |                               |   |  |     |      |   |           |  | PAGE (3)<br>1 OF 0 1 1 |  |  |
| TITLE (4)<br>INOPERABLE RADIATION MONITORING INSTRUMENTATION CHANNELS      |        |  |                |                     |                 |                  |                 |           |                    |   |   |                               |   |  |     |      |   |           |  |                        |  |  |
| EVENT DATE (5)   |        |  | LER NUMBER (6) |                     |                 |                  | REPORT DATE (7) |           |                    | OTHER FACILITIES INVOLVED (8)                             |   |                               |   |  |     |      |   |           |  |                        |  |  |
| MONTH  | DAY    | YEAR   | YEAR           | SEQUENTIAL NUMBER   | REVISION NUMBER | MONTH            | DAY             | YEAR      | FACILITY NAMES     |   |   |                               |   | DOCKET NUMBER(S)   |     |      |   |           |  |                        |  |  |
|  |        |  |                |                     |                 |                  |                 |           | D. C. COOK, UNIT 2 |   |   |                               |   | 0 5 0 0 0 3 1 6  |     |      |   |           |  |                        |  |  |
| 0  | 7      | 0  | 5              | 8                   | 5               | 8                | 5               | 0         | 3                  | 0   | 0 | 0                             | 8 | 0  | 2   | 8    | 5 | 0 5 0 0 0 |  |                        |  |  |
| OPERATING MODE (9)   |        | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11) |                |                     |                 |                  |                 |           |                    |   |   |                               |   |  |     |      |   |           |  |                        |  |  |
| NA   |        | 20.402(b)  |                |                     |                 | 20.405(a)        |                 |           |                    | 50.73(a)(2)(iv)   |   |                               |   | 73.71(b)   |     |      |   |           |  |                        |  |  |
| POWER LEVEL (10)   |        | 20.405(a)(1)(i)  |                |                     |                 | 50.36(c)(1)      |                 |           |                    | 50.73(a)(2)(v)  |   |                               |   | 73.71(c)   |     |      |   |           |  |                        |  |  |
| 0 0 0  |        | 20.405(a)(1)(ii)   |                |                     |                 | 50.36(c)(2)      |                 |           |                    | 50.73(a)(2)(vii)  |   |                               |   | OTHER (Specify in Abstract below and in Text, NRC Form 365A) |     |      |   |           |  |                        |  |  |
|  |        | 20.405(a)(1)(iii)  |                |                     |                 | X 50.73(a)(2)(i) |                 |           |                    | 50.73(a)(2)(viii)(A)                                      |   |                               |   |  |     |      |   |           |  |                        |  |  |
|  |        | 20.405(a)(1)(iv)   |                |                     |                 | 50.73(a)(2)(ii)  |                 |           |                    | 50.73(a)(2)(viii)(B)                                      |   |                               |   |  |     |      |   |           |  |                        |  |  |
|  |        | 20.405(a)(1)(v)  |                |                     |                 | 50.73(a)(2)(iii) |                 |           |                    | 50.73(a)(2)(x)  |   |                               |   |  |     |      |   |           |  |                        |  |  |
| LICENSEE CONTACT FOR THIS LER (12)   |        |  |                |                     |                 |                  |                 |           |                    |   |   |                               |   |  |     |      |   |           |  |                        |  |  |
| NAME<br>A. A. BLIND - ASSISTANT PLANT MANAGER                              |        |  |                |                     |                 |                  |                 |           |                    | TELEPHONE NUMBER<br>6 1 1 6 4 1 6 1 5 1 - 1 5 1 9 1 0 1 1 |   |                               |   |  |     |      |   |           |  |                        |  |  |
| COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) |        |  |                |                     |                 |                  |                 |           |                    |   |   |                               |   |  |     |      |   |           |  |                        |  |  |
| CAUSE  | SYSTEM | COMPONENT  | MANUFACTURER   | REPORTABLE TO NPDOS |                 | CAUSE            | SYSTEM          | COMPONENT | MANUFACTURER       | REPORTABLE TO NPDOS                                       |   |                               |   |  |     |      |   |           |  |                        |  |  |
|  |        |  |                |                     |                 |                  |                 |           |                    |   |   |                               |   |  |     |      |   |           |  |                        |  |  |
|  |        |  |                |                     |                 |                  |                 |           |                    |   |   |                               |   |  |     |      |   |           |  |                        |  |  |
| SUPPLEMENTAL REPORT EXPECTED (14)  |        |  |                |                     |                 |                  |                 |           |                    |   |   | EXPECTED SUBMISSION DATE (15) |   | MONTH  | DAY | YEAR |   |           |  |                        |  |  |
| YES (If yes, complete EXPECTED SUBMISSION DATE)                            |        |  |                |                     |                 |                  |                 |           |                    |   |   | X NO                          |   |  |     |      |   |           |  |                        |  |  |

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

ON JULY 5, 1985, AT 1606 HOURS WITH UNIT 1 SHUTDOWN FOR REFUELING WITH NO FUEL IN THE CORE AND UNIT 2 AT 46 PERCENT REACTOR THERMAL POWER, IT WAS DETERMINED DURING PROCEDURAL REVIEW ACTIVITIES THAT 10 RADIOACTIVE GASEOUS PROCESS AND EFFLUENT MONITORING INSTRUMENTATION CHANNELS WERE NOT TESTED BY THE APPLICABLE SURVEILLANCE PROCEDURE AND THEREFORE WERE INOPERABLE (SEE BELOW).

RADIATION MONITOR

CONDENSER EVACUATION SYSTEM,  
NOBLE GAS ACTIVITY

AUXILIARY BUILDING VENTILATION SYSTEM,  
NOBLE GAS ACTIVITY

GLAND SEAL EXHAUST, NOBLE GAS ACTIVITY

CONTAINMENT PURGE SYSTEM, NOBLE GAS  
ACTIVITY - BOTH TRAINS

PLANT DESIGNATION, UNIT 1/UNIT 2

SRA-1900/SRA-2900

VRS-1500/VRS-2500

SRA-1800/SRA-2800

ERS-1300, 1400/ERS-2300, 2400

APPROPRIATE TECHNICAL SPECIFICATION ACTION STATEMENT REQUIREMENTS WERE IMMEDIATELY IMPLEMENTED AND THE ALARMS WERE TESTED FOLLOWING THE REVISION OF THE APPLICABLE PROCEDURES TO INCLUDE THE REQUIRED SURVEILLANCE. ALL INVOLVED ALARMS/TRIP FUNCTIONS OPERATED AS REQUIRED, CONSEQUENTLY, IT IS CONCLUDED THAT NO DEGRADATION OF RADIATION MONITORING CAPABILITY EXISTED DUE TO THIS INCIDENT.

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**INDIANA & MICHIGAN ELECTRIC COMPANY**

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

August 2, 1985

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Operating License DPR-58  
Docket No. 50-315

Document Control Manager:

In accordance with the criteria established by 10CFR50.73  
entitled Licensee Event Reporting System, the following  
report/s are being submitted:

RO 85-030-0

Sincerely,

W.G. Smith, Jr.  
Plant Manager

/cbm

Attachment

cc: John E. Dolan  
J.G. Keppler, RO:III  
M.P. Alexich  
R.F. Kroeger  
H.B. Brugger  
R.W. Jurgensen  
NRC Resident Inspector  
R.C. Callen, MPSC  
G. Charnoff, Esq.  
J.M. Hennigan  
INPO  
PNSRC  
J.F. Stietzel  
A.A. Blind  
Dottie Sherman, ANI Library

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