

50-315

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO:

J.G. Keppler

FROM:

Indiana & Michigan Power Co.
Bridgmena, Michigan
R.W. Jurgen

DATE OF DOCUMENT

2-9-76

DATE RECEIVED

2-12-76

☐ LETTER☐ NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

☒ XXXXXXXX☒ UNCLASSIFIED☒ COPY

30

DESCRIPTION

Ltr. trans the following.....

ENCLOSURE

Reportable Occurrence # 75-76, on 12-~~11~~¹²-75,
Concerning Pressurizer Level Indicator NLP-
151, exceeding its limits.....

(30 Cys. Received)

DO NOT REMOVE
ACKNOWLEDGED

PLANT NAME: Cook # 1

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

SAFETY

FOR ACTION/INFORMATION

ENVIRO

SAB 2-17-76

BRANCH CHIEF:

Ziemann

W/3 CYS FOR ACTION

LIC. ASST:

Diggs

W/ CYS

ACRS 16 CYS ~~XXXXXX~~/SENT TO LA

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I & E (2)

MIPC (3)

SCHROEDEK/IPFOLITO

HOUSTON

NOVAK/CHECK

GRIMES/SCHWENCER

CASE

F. WILLIAMS

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNCH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR: St. Joseph, Mi.

TIC

NSIC

CONTROL NUMBER

1407



Figure 6

Figure 6 shows a graph illustrating the relationship between the number of nodes (N) and the number of links (L). The x-axis represents the Number of Nodes (N) ranging from 0 to 10. The y-axis represents the Number of Links (L) ranging from 0 to 10. The data points form a triangular shape, indicating that the number of links increases quadratically with the number of nodes.

1. The first step in the process of identifying a problem is to recognize that a problem exists. This is often done by comparing current performance with a desired state or goal. If there is a discrepancy, a problem is identified.

1. *Chlorophyll a* (Chl *a*)



INDIANA & MICHIGAN POWER COMPANY

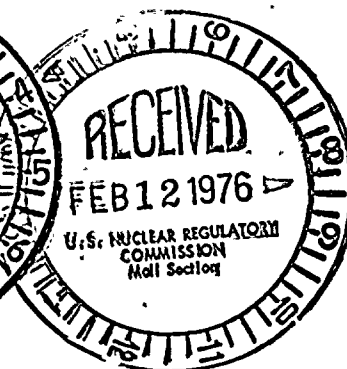
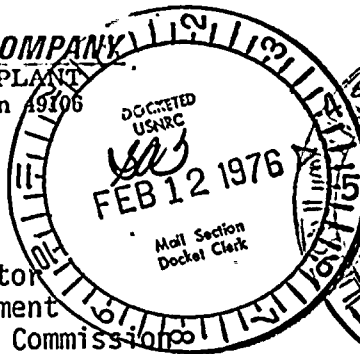
DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49706

Regulatory

File Copy

January 9, 1976

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-58
Docket No. 50-315

Dear Mr. Keppler:

Pursuant to the requirements of Appendix A Technical Specifications and the United States Nuclear Regulatory Commission Regulatory Guide 7.16, Revision 3, Section 2.b, the following report is submitted:

RO 50-315/75-76

Sincerely,

R.W. Jorgensen
Plant Manager

/bab

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



1994

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME <div style="border: 1px solid black; padding: 2px; display: inline-block;">01</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">M</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">I</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">D</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">C</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">C</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div>	LICENSE NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">-</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">-</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div>	LICENSE TYPE <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div>	EVENT TYPE <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div>
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<div style="border: 1px solid black; padding: 2px; display: inline-block;">01</div>	CATEGORY <div style="border: 1px solid black; padding: 2px; display: inline-block;">Z</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">Z</div>	REPORT TYPE <div style="border: 1px solid black; padding: 2px; display: inline-block;">L</div>	REPORT SOURCE <div style="border: 1px solid black; padding: 2px; display: inline-block;">L</div>	DOCKET NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">-</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div>	EVENT DATE <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div>	REPORT DATE <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">7</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div>
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EVENT DESCRIPTION

02

WHILE IN MODE 1, AT 81 PERCENT POWER, PRESSURIZER LEVEL INDICATION NLP-151 WAS

03

OBSERVED TO BE GREATER THAN 4 PERCENT HIGHER THAN REDUNDANT CHANNELS. SIMILAR

04

PROBLEMS HAVE BEEN EXPERIENCED 11-30-75 AND 12-2-75. THE STRAIN GAGE AND AMPLIFIER

05

BOARDS HAVE BEEN REPLACED, THE INSTRUMENTS HAVE BEEN FILLED AND VENTED AND RETURNED

06

TO SERVICE. THE SYSTEMS HAVE FUNCTIONED PROPERLY SINCE. (RO 50-315-75-76)

SYSTEM CODE <div style="border: 1px solid black; padding: 2px; display: inline-block;">I</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">A</div>	CAUSE CODE <div style="border: 1px solid black; padding: 2px; display: inline-block;">F</div>	COMPONENT CODE <div style="border: 1px solid black; padding: 2px; display: inline-block;">I</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">N</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">S</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">T</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">R</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">U</div>	PRIME COMPONENT SUPPLIER <div style="border: 1px solid black; padding: 2px; display: inline-block;">N</div>	COMPONENT MANUFACTURER <div style="border: 1px solid black; padding: 2px; display: inline-block;">B</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">8</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div>	VIOLATION <div style="border: 1px solid black; padding: 2px; display: inline-block;">N</div>
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CAUSE DESCRIPTION

08

THE CAUSE OF THE PROBLEM APPEARS TO BE GAS ENTRAPMENT IN THE SENSING LINES. FLUSHING

09

AND FILLING THE TRANSMITTERS DURING SHUTDOWN REMOVES THE GAS AND ALLOWS PROPER

10

INSTRUMENT OPERATION. IF FURTHER INSTRUMENT DRIFT IS EXPERIENCED, (SEE SUPPLEMENT)

FACILITY STATUS <div style="border: 1px solid black; padding: 2px; display: inline-block;">E</div>	% POWER <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">8</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div>	OTHER STATUS <div style="border: 1px solid black; padding: 2px; display: inline-block;">NA</div>	METHOD OF DISCOVERY <div style="border: 1px solid black; padding: 2px; display: inline-block;">B</div>	DISCOVERY DESCRIPTION <div style="border: 1px solid black; padding: 2px; display: inline-block;">ROUTINE READINGS</div>
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FORM OF ACTIVITY RELEASED <div style="border: 1px solid black; padding: 2px; display: inline-block;">Z</div>	CONTENT OF RELEASE <div style="border: 1px solid black; padding: 2px; display: inline-block;">Z</div>	AMOUNT OF ACTIVITY <div style="border: 1px solid black; padding: 2px; display: inline-block;">NA</div>	LOCATION OF RELEASE <div style="border: 1px solid black; padding: 2px; display: inline-block;">NA</div>
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PERSONNEL EXPOSURES

NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div>	TYPE <div style="border: 1px solid black; padding: 2px; display: inline-block;">Z</div>	DESCRIPTION <div style="border: 1px solid black; padding: 2px; display: inline-block;">NA</div>
---	---	---

PERSONNEL INJURIES

NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div>	DESCRIPTION <div style="border: 1px solid black; padding: 2px; display: inline-block;">NA</div>
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OFFSITE CONSEQUENCES

15

NA

LOSS OR DAMAGE TO FACILITY

TYPE <div style="border: 1px solid black; padding: 2px; display: inline-block;">Z</div>	DESCRIPTION <div style="border: 1px solid black; padding: 2px; display: inline-block;">NA</div>
---	---

PUBLICITY

17

NA

ADDITIONAL FACTORS

18

NA

19

NAME: G. Swan

PHONE: 405-5901 (368)

SUPPLEMENT TO REPORTABLE OCCURRENCE RO 50-315/75-76

CAUSE DESCRIPTION

The transmitters will be flushed, refilled and vented as required. Physical installation of the instrument lines is being studied to determine that lines have been installed with proper slope.



1-1-1