

50-315

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORTTO: Indiana & Michigan Pwr Co  
Mr KepplerFROM: Indiana & Michigan Pwr Co  
Bridgman, Michigan  
R W Jurgensen.DATE OF DOCUMENT  
10-14-76DATE RECEIVED  
10-19-86☒ LETTER  
☐ ORIGINAL  
☒ COPY☐ NOTORIZED  
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

lcc

## DESCRIPTION

Ltr trans the following:

PLANT NAME: Cook #1

## ENCLOSURE

Licensee Event Report (R#76-43) on 9-13-76  
concerning failure of the S/G level transmitter  
.....NOTE: IF PERSONNEL EXPOSURE IS INVOLVED  
SEND DIRECTLY TO KREGER/J..COLLINS

FOR ACTION/INFORMATION

10-19-76

ehf

BRANCH CHIEF:

W/3 CYS FOR ACTION

LIC. ASST.:

W/1 CYS

ACRS 16 CYS HOLDING/SENT TO LA

## INTERNAL DISTRIBUTION

REG FILE

NRC PDR

T &amp; E (2)

MIPC

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

CASE

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/PUNCH

KREGER/J. COLLINS

## EXTERNAL DISTRIBUTION

LPDR: St Joseph, MI

TIC:

NSIC:

## CONTROL NUMBER

10579

THE  
UNITED STATES  
DEPARTMENT OF  
COMMERCE

WASHINGTON, D. C.

7-1

1905

THE  
UNITED STATES  
DEPARTMENT OF  
COMMERCE  
WASHINGTON, D. C.

WASHINGTON, D. C.

WASHINGTON, D. C.



REGULATORY

COPY

**INDIANA & MICHIGAN POWER COMPANY**

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



October 14, 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 1.16, Revision 4, Section 2.b, the following report is submitted:

RO 50-315/76-43.

Sincerely,

*R.W. Jurgensen*

R.W. Jurgensen  
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  
R. Walsh, Esq.  
P.W. Steketee, Esq.  
G. Charnoff, Esq.  
G. Olson  
J.M. Hennigan  
PNSRC  
R.S. Keith  
Dir., IE (30 copies)  
Dir., MIPC (3 copies)

10579

# LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

PLEASE PRINT ALL REQUIRED INFORMATION

LICENSEE NAME <span style="border: 1px solid black; padding: 2px;">01</span> M I D C C 1										LICENSE NUMBER <span style="border: 1px solid black; padding: 2px;">000-00000-00</span>										LICENSE TYPE <span style="border: 1px solid black; padding: 2px;">41111</span>					EVENT TYPE <span style="border: 1px solid black; padding: 2px;">03</span>													
7	8	9	14	15	25	26	30	31	32	7	8	9	14	15	25	26	30	31	32	7	8	9	14	15	25	26	30	31	32									
CATEGORY <span style="border: 1px solid black; padding: 2px;">01</span> CONT					REPORT TYPE <span style="border: 1px solid black; padding: 2px;">L</span>					REPORT SOURCE <span style="border: 1px solid black; padding: 2px;">L</span>					DOCKET NUMBER <span style="border: 1px solid black; padding: 2px;">050-0315</span>										EVENT DATE <span style="border: 1px solid black; padding: 2px;">091376</span>					REPORT DATE <span style="border: 1px solid black; padding: 2px;">101476</span>								
7	8	9	57	58	59	60	61	68	69	74	75	80	7	8	9	57	58	59	60	61	68	69	74	75	80	7	8	9	57	58	59	60	61	68	69	74	75	80

**EVENT DESCRIPTION**

02 WHILE IN MODE 5, DURING THE PERFORMANCE OF A SURVEILLANCE TEST, THE S/G LEVEL TRANS-

03 MITTER (BLP-120) WAS 10.125% IN EXCESS OF THE TECH SPEC LIMIT AS OUTLINED IN TABLE

04 2.2-1.

05

06 (RO 50-315/76-43)

SYSTEM CODE <span style="border: 1px solid black; padding: 2px;">07</span> I E				CAUSE CODE <span style="border: 1px solid black; padding: 2px;">E</span>		COMPONENT CODE <span style="border: 1px solid black; padding: 2px;">I N S T R U</span>				PRIME COMPONENT SUPPLIER <span style="border: 1px solid black; padding: 2px;">N</span>		COMPONENT MANUFACTURER <span style="border: 1px solid black; padding: 2px;">W 1 2 0</span>				VIOLATION <span style="border: 1px solid black; padding: 2px;">N</span>	
7	8	9	10	11	12	13	14	15	16	17	43	44	45	46	47	48	

**CAUSE DESCRIPTION**

08 INVESTIGATION REVEALED THAT THE ZERO SETTING HAD SHIFTED. AFTER BEING CALIBRATED THERE

09 WAS A REOCCURRENCE OF THE ZERO SHIFT. THE FOXBORO TRANSMITTER, MODEL NO. E-13DM-HSAM1,

10 WAS REBUILT, REPLACING THE AMP (#N014354) AND THE FORCE MOTOR (#N0150MA).(SEE SUPPLEMENT)

FACILITY STATUS <span style="border: 1px solid black; padding: 2px;">11</span> G		% POWER <span style="border: 1px solid black; padding: 2px;">000</span>		OTHER STATUS <span style="border: 1px solid black; padding: 2px;">NA</span>		METHOD OF DISCOVERY <span style="border: 1px solid black; padding: 2px;">B</span>		DISCOVERY DESCRIPTION <span style="border: 1px solid black; padding: 2px;">SURVEILLANCE TEST</span>							
7	8	9	10	11	12	13	44	45	46	47	48	49	50		
FORM OF ACTIVITY RELEASED <span style="border: 1px solid black; padding: 2px;">12</span> Z		CONTENT OF RELEASE <span style="border: 1px solid black; padding: 2px;">Z</span>		AMOUNT OF ACTIVITY <span style="border: 1px solid black; padding: 2px;">NA</span>				LOCATION OF RELEASE <span style="border: 1px solid black; padding: 2px;">NA</span>							
7	8	9	10	11	12	13	44	45	46	47	48	49	50		

**PERSONNEL EXPOSURES**

NUMBER <span style="border: 1px solid black; padding: 2px;">13</span> 000		TYPE <span style="border: 1px solid black; padding: 2px;">Z</span>		DESCRIPTION <span style="border: 1px solid black; padding: 2px;">NA</span>									
7	8	9	11	12	13	14	15	16	17	18	19	20	

**PERSONNEL INJURIES**

NUMBER <span style="border: 1px solid black; padding: 2px;">14</span> 000		DESCRIPTION <span style="border: 1px solid black; padding: 2px;">NA</span>										
7	8	9	11	12	13	14	15	16	17	18	19	20

**PROBABLE CONSEQUENCES**

15 NA

**LOSS OR DAMAGE TO FACILITY**

TYPE <span style="border: 1px solid black; padding: 2px;">16</span> Z		DESCRIPTION <span style="border: 1px solid black; padding: 2px;">NA</span>											
7	8	9	10	11	12	13	14	15	16	17	18	19	20

**PUBLICITY**

17 NA

**ADDITIONAL FACTORS**

18 NA

19 NA

NAME: J.L. RISCHLING

PHONE: (616) 465-5901 (368)

SUPPLEMENT TO REPORTABLE OCCURRENCE RO-50-315/76-43

SUPPLEMENT TO CAUSE DESCRIPTION

THE TRANSMITTER WAS CALIBRATED AND TESTED, THE INSTRUMENT FUNCTIONED PROPERLY WITH NO ZERO SHIFT. THE TRANSMITTER WAS RECALIBRATED AND RETURNED TO SERVICE.



*D. LANHAM*



**INDIANA & MICHIGAN POWER COMPANY**

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

October 14, 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

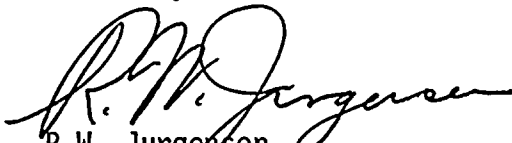
Operating License DPR-58  
Docket No. 50-315

Dear Mr. Keppler:

Pursuant to the requirements of Appendix A Technical Specifications and the United States Nuclear Regulatory Commission Regulatory Guide 1.16, Revision 4, Section 2.b, the following report is submitted:

RO 50-315/76-43.

Sincerely,

  
R.W. Jurgensen  
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  
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OCT 19 1976





# LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME				LICENSE NUMBER												LICENSE TYPE					EVENT TYPE		
01	M	I	D	C	C	1	0	0	-	0	0	0	0	-	0	0	4	1	1	1	1	0	3
7	8	9	14			15	25						26	30			31	32					

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE					REPORT DATE										
01	CONT		L	L	0	5	0	-	0	3	1	5	0	9	1	3	7	6	1	0	1	4	7	6
7	8	57	58	59	60	61	68					69	74			75	80							

EVENT DESCRIPTION

02	WHILE IN MODE 5, DURING THE PERFORMANCE OF A SURVEILLANCE TEST, THE S/G LEVEL TRANS-																							80
03	MITTER (BLP-120) WAS 10.125% IN EXCESS OF THE TECH SPEC LIMIT AS OUTLINED IN TABLE																							80
04	2.2-1.																							80
05																								80
06	(RO 50-315/76-43)																							80

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION	
07	I	E	E	I	N	S	T	R	U	N	W	1	2	0	N
7	8	9	10	11	12				17	43	44			47	48

CAUSE DESCRIPTION

08	INVESTIGATION REVEALED THAT THE ZERO SETTING HAD SHIFTED. AFTER BEING CALIBRATED THERE																							80
09	WAS A REOCCURRENCE OF THE ZERO SHIFT. THE FOXBORO TRANSMITTER, MODEL NO. E-13DM-HSAM1,																							80
10	WAS REBUILT, REPLACING THE AMP(#N014354) AND THE FORCE MOTOR (#N0150MA).(SEE SUPPLEMENT)																							80

FACILITY STATUS		% POWER		OTHER STATUS				METHOD OF DISCOVERY		DISCOVERY DESCRIPTION					
11	G	0	0	0	NA				B	SURVEILLANCE TEST					
7	8	9	10	11	12				44	45	46			80	

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY				LOCATION OF RELEASE					
12	Z	Z	NA				NA						
7	8	9	10	11	44				45	80			

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION										
13	0	0	0	Z	NA									
7	8	9	11	12	13									

PERSONNEL INJURIES

NUMBER		DESCRIPTION											
14	0	0	0	NA									
7	8	9	11	12									

PROBABEE CONSEQUENCES

15	NA																							80
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LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION										
16	Z	NA										
7	8	9	10									

PUBLICITY

17	NA																							80
----	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

ADDITIONAL FACTORS

18	NA																							80
----	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

19	NA																							80
----	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

NAME: J.L. RISCHLING

PHONE: (616) 465-5901 (368)

SUPPLEMENT TO REPORTABLE OCCURRENCE 'RO-50-315/76-43

SUPPLEMENT TO CAUSE DESCRIPTION

THE TRANSMITTER WAS CALIBRATED AND TESTED, THE INSTRUMENT FUNCTIONED PROPERLY WITH NO ZERO SHIFT. THE TRANSMITTER WAS RECALIBRATED AND RETURNED TO SERVICE.

1. The first part of the report is a general description of the project and its objectives. It includes a brief history of the project and a statement of the problem to be solved. The second part of the report is a detailed description of the methods used in the study. This includes a description of the experimental setup, the data collection procedures, and the statistical methods used to analyze the data. The third part of the report is a discussion of the results of the study. This includes a description of the findings, a comparison of the results with previous studies, and a discussion of the implications of the findings. The final part of the report is a conclusion and a list of references.