

50-315

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

DATE OF DOCUMENT

12/21/77

DATE RECEIVED

1/4/78

TO:

Mr. J. G. Keppler

FROM:

Indiana & Michigan Power Company  
Bridgman, Michigan  
D. V. Shaller☐ LETTER☐ ORIGINAL☐ COPY☐ NOTORIZED☐ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

151620

DESCRIPTION

ENCLOSURE

PLANT NAME: Cook Unit No 1  
RJL 1/4/78

(1-P)

Licensee Event Report (RO 50-315/77-39) on  
11/23/77 concerning source range channels  
N-31 and N-32 both being inoperable for one  
hour.....NOTE: IF PERSONNEL EXPOSURE IS INVOLVED  
SEND DIRECTLY TO KREGER/J. COLLINS

1 ENCL

## FOR ACTION/INFORMATION

BRANCH CHIEF: (4)

DAVIS

W-1 CWS FOR ACTION

EIC ASST:

## INTERNAL DISTRIBUTION:

REG FILE

NRC PDR

T S E (2)

MPC

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

KNIGHT

BUTLER

HANAUER

TEDESCO

EISENHUT

BAER

SHAO

VOLLMER/BUNCH

KREGER/J. COLLINS

ROSA

A. CROCKER

## EXTERNAL DISTRIBUTION

CONTROL NUMBER

LEDR: ST. KISEAL 1/4/78

TIC:

NSIC:

ACRS (16) SENT AS CAT. B

780040159





**INDIANA & MICHIGAN POWER COMPANY**

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

*D. Landam*  
**REGULATORY DOCKET FILE COPY**



December 21, 1977

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 50-315/77-39.

Sincerely,

D.V. Shaller  
Plant Manager

/bab

cc: J.E. Dolan  
R.W. Jurgensen  
G.E. Lien  
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.  
G. Olson  
J.M. Hennigan  
PNSRC  
J.F. Stietzel  
Dir., IE (30 copies)  
Dir., MIPC (3 copies)

DEC 27 1977

780040159



## CENSEE EVENT REPORT

CONTROL BLOCK:

(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																								
01		CONT		CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER					EVENT DATE					REPORT DATE													
7	8	57	58	59	60	61	68	69	74	75	80																						
7	8	9	14	15	25	26	30	31	32	57	58	59	60	61	68	69	74	75	80														

## EVENT DESCRIPTION

02	ON 11/23/77 SOURCE RANGE CHANNELS N-31 AND N-32 WERE BOTH INOPERABLE																																																																															
03	FOR APPROXIMATELY ONE HOUR. WITH BOTH CHANNELS OUT OF SERVICE, WE WERE																																																																															
04	NOT COMPLIANT WITH THE "MINIMUM CHANNELS OPERABLE" REQUIREMENT IMPOSED																																																																															
05	IN TABLE 3.3-1, ITEM 6B OF THE TECHNICAL SPECIFICATIONS. DURING																																																																															
06	THIS TIME PERIOD, THE SHUTDOWN (SEE SUPPLEMENT) (RO-50-315/77-39)																																																																															

SYSTEM CODE		CAUSE CODE		COMPONENT CODE					PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER					VIOLATION	
07	I	A	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	THE CAUSE OF CHANNEL N-32'S FAILURE COULD NOT BE LOCATED. WITHIN																																																																															
09	THE HOUR, THE CHANNEL WAS FUNCTIONING PROPERLY AND SUBSEQUENT																																																																															
10	INSPECTION AND OPERABILITY CHECKS COULD DISCLOSE NO (SEE SUPPLEMENT)																																																																															

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11	G	0	0	0	N/A	A	N/A		
7	8	9	10	12	13	44	45	46	80

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

## PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION	
13	0	0	0	Z	N/A
7	8	9	11	12	13

## PERSONNEL INJURIES

NUMBER		DESCRIPTION		
14	0	0	0	N/A
7	8	9	11	12

## OFFSITE CONSEQUENCES

15	N/A																																																																															
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## LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION	
16	Z	N/A	
7	8	9	10

## PUBLICITY

17	N/A																																																																															
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## ADDITIONAL FACTORS

18	N/A																																																																															
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19	N/A																																																																															
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NAME: T.P. Beilman

PHONE: (616) 465-5901 (368)



(RO-50-315/77-39)  
SUPPLEMENT TO LER

EVENT DESCRIPTION

MARGIN WAS CALCULATED AS REQUIRED BY TECHNICAL SPECIFICATIONS ACTION ITEM #5, PAGE 3/4 3-7 WITH WHICH WE WERE IN COMPLIANCE. SOURCE RANGE CHANNEL N-32 WAS SUBSEQUENTLY RETURNED TO SERVICE.

CAUSE DESCRIPTION

PROBLEMS. CHANNEL OPERATION WAS MONITORED AND NO FURTHER DIFFICULTIES WERE ENCOUNTERED UNTIL 12/03/77 WHEN AN INNER TO OUTER SHIELD SHORT WAS DISCOVERED ON THE DETECTOR CABLE. THIS WAS REPAIRED AND CHANNEL N-32 WAS SATISFACTORILY RETURNED TO SERVICE. CHANNEL N-31 HAD PREVIOUSLY BEEN RETURNED TO SERVICE ON 11/26/77.

RECEIVED DOCUMENT  
PROCESSING UNIT

1978 JAN 4 AM 7 28