

E 8/16/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL

50-316

REC: KEPPLER J G  
NRC

ORG: SHALLER D V  
IN & MI PWR

DOC DATE: 08/10/78  
DATE RCVD: 08/15/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT: LTR 1 ENCL 1

LICENSEE EVENT REPT 50-316/78-51 ON 07/11/78 CONCERNING DURING NORMAL  
OPERATION THE APDMS WAS FOUND TO BE INOPERABLE.

PLANT NAME: COOK - UNIT 2

REVIEWER INITIAL: XBT  
DISTRIBUTOR INITIAL: RTW

\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

NOTES:

1. SEND 3 COPIES OF ALL MATERIAL TO I&E

INCIDENT REPORTS  
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF ORB#1 BC\*\*W/4 ENCL

INTERNAL:

REG FILE\*\*W/ENCL  
I & E\*\*W/2 ENCL  
I & C SYSTEMS BR\*\*W/ENCL  
NOVAK/CHECK\*\*W/ENCL  
AD FOR ENG\*\*W/ENCL  
HANAUER\*\*W/ENCL  
AD FOR SYS & PROJ\*\*W/ENCL  
ENGINEERING BR\*\*W/ENCL  
KREGER/J. COLLINS\*\*W/ENCL  
K SEYFRIT/IE\*\*W/ENCL

NRC PDR\*\*W/ENCL  
MIPC\*\*W/3 ENCL  
EMERGENCY PLAN BR\*\*W/ENCL  
EEB\*\*W/ENCL  
PLANT SYSTEMS BR\*\*W/ENCL  
AD FOR PLANT SYSTEMS\*\*W/ENCL  
REACTOR SAFETY BR\*\*W/ENCL  
VOLLMER/BUNCH\*\*W/ENCL  
POWER SYS BR\*\*W/ENCL

EXTERNAL:

LPDR'S  
ST. JOSEPH, MI\*\*W/ENCL  
TIC, LIZ CARTER\*\*W/ENCL  
NSIC\*\*W/ENCL  
ACRS CAT B\*\*W/16 ENCL

DISTRIBUTION: LTR 45 ENCL 45  
SIZE: 3P

CONTROL NBR: 782230381

4  
A260

\*\*\*\*\* THE END \*\*\*\*\*





**INDIANA & MICHIGAN POWER COMPANY**

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

August 10, 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 report is submitted:

RO 78-051/03L-0.

Sincerely,

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.  
G. Charnoff, Esq.  
R. Walsh, Esq.  
J.M. Hennigan  
G. Olson  
PNSRC  
J.F. Stietzel  
R.S. Keith  
T.P. Beilman/J.L. Rischling  
Dir., IE (30 copies)  
Dir., MIPC (3 copies)

AUG 14 1978

AO 4  
60  
A002  
3/11



17  
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1. The first part of the document is a list of names and addresses. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized into two columns, with names on the left and addresses on the right. The names are: John Doe, Jane Smith, and Mary Jones. The addresses are: 123 Main Street, New York, NY 10001; 456 Elm Street, New York, NY 10002; and 789 Oak Street, New York, NY 10003.

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**LICENSEE EVENT REPORT**

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

**CONTROL BLOCK:**

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(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	0	0	③	4	1	1	1	1	④			⑤
7	8	9	LICENSEE CODE	14	15	LICENSE NUMBER	25	26	LICENSE TYPE	30	57	CAT	58																

60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80				
L	6	0	5	0	0	0	3	1	6	7	0	7	1	1	7	8	8	0	8	1	0	7	8	9
		DOCKET NUMBER							EVENT DATE							REPORT DATE								

### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | DURING NORMAL OPERATION ON JULY 11, THE APDMS WAS FOUND TO BE INOPERABLE. THE FULL

0 3 | LENGTH STEP COUNTER HAD FAILED TO RESET THE SEQUENCER WHICH INITIATES SCANS FOR Fj(Z)

0 4 | DETERMINATION AS REQUIRED BY T.S. 4.2.6.1.a.2.b. THE SEQUENCER WAS MANUALLY RESET

0 5 | TO INITIATE THE REQUIRED SURVEILLANCE. INVESTIGATION REVEALED THAT ON JULY 9, THE

0 6 | SEQUENCER ALSO FAILED TO RESET, WHICH RESULTED IN MISSING THE SURVEILLANCE REQUIRED

0 7 | BY T.S. 4.2.6.1.a.2.b. PREVIOUS OCCURRENCES INCLUDE RO-050-315/78-06.

08		9		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMP. SUBCODE		VALVE SUBCODE	
7	8	9	10	11	12	13	14	15	16	17	18	19	20
08		XX		X		XXXX.X		X		Z			
7		8		9		10		11		12		13	
17		LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.	
21		22		23		24		25		26		27	
7		8		—		051		03		L		0	
21		22		23		24		25		26		27	
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.	
33		34		35		36		37		38		39	
B		G		Z		Z		000		Y		N	
33		34		35		36		37		38		39	
PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER		REVISION NO.		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		LER/RO REPORT NUMBER	
43		44		45		46		47		48		49	
N		W120		0		0		03		L		08	

### CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 INVESTIGATION REVEALED THAT THE SEQUENCER FAILED TO RESET ONLY WHEN THE BANK D RODS  
1 1 WERE WITHDRAWN MORE THAN 5 STEPS FROM THE PREVIOUS RESET POSITION. DURING THE TIME  
1 2 THE STEP COUNTER WAS KNOWN TO BE OUT OF SERVICE ON JULY 11, THE T.S. REQUIRED  
1 3 SURVEILLANCES WERE OBTAINED SATISFACTORILY. THE , MISSED SURVEILLANCE ON JULY 9,  
1 4 WAS DISCOVERED DURING THE INVESTIGATION OF THE JULY 11, EVENT (SEE SUPPLEMENT)

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	5	E	28	0	9	7	29	NA	NA
ACTIVITY CONTENT RELEASED		OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE			
1	6	Z	33	Z	34	NA	NA	NA	NA
PERSONNEL EXPOSURES		NUMBER		TYPE		DESCRIPTION			
1	7	0	0	0	37	Z	38	NA	NA
PERSONNEL INJURIES		NUMBER		DESCRIPTION					
1	8	0	0	0	40	NA	NA	NA	NA
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION					
1	9	Z	42	NA	NA	NA	NA	NA	NA
PUBLICITY ISSUED		DESCRIPTION							
2	0	N	44	NA	NA	NA	NA	NA	NA

NAME OF PREPARER Jack Rischling

PHONE: 616-465-5901



ATTACHMENT TO LER# 78-051/03L-0

SUPPLEMENT TO CAUSE DESCRIPTION

THE CAUSE WAS FOUND TO BE A SET OF CONTACTS ON THE K-8 RELAY IN THE ROD CONTROL LOGIC CABINET. THIS RELAY IS NOW TESTED ON A MONTHLY BASIS WHEN AT POWER, BY PHYSICALLY MOVING OUT THE BANK D RODS AND INSURING THAT THE APDMS FULL LENGTH STEP COUNTER RESETS THE SEQUENCER. THIS FUNCTIONAL CHECK HAS BEEN SATISFACTORILY COMPLETED ON BOTH UNITS.