

A 10/04/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL

50-316

REC: KEPPLER J G  
NRC

ORG: SHALLER D V  
IN & MI PWR

DOCDATE: 09/27/78  
DATE RCVD: 10/03/78

DOCTYPE: LETTER NOTARIZED: NO  
SUBJECT:

COPIES RECEIVED  
LTR 1 ENCL 3

FORWARDING LICENSEE EVENT REPT (RO 50-316/78-064) ON 09/05/78 CONCERNING  
DURING NORMAL OPERATION, ROD INDICATION FOR ROD C-2 INDICATED A DEVIATION OF  
GREATER THAN 12 STEPS FROM DEMAN POSITION, EXCEEDING TECH SPEC LIMIT OF  
3. 1. 3. 2.

PLANT NAME: COOK - UNIT 2

REVIEWER INITIAL: XJM  
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/3 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  
NSIC\*\*W/ENCL  
ACRS CAT B\*\*W/16 ENCL

DISTRIBUTION: LTR 44 ENCL 44  
SIZE: 1P+2P

CONTROL NBR: 780680188

AO 460

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





**INDIANA & MICHIGAN POWER COMPANY**

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

September 27, 1978

**REGULATORY DOCKET FILE COPY**

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

US NRC  
DISTRIBUTION SERVICES  
BRANCH

1978 OCT 3 AM 9 02

RECEIVED DISTRIBUTION  
SERVICES UNIT

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 78-064/03L-0.

Sincerely,

D.V. Shaller  
Plant Manager

/bab

**REGULATORY DOCKET FILE COPY**

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780680188

A002/s\*  
1/3

**CONTROL BLOCK:**

0	1	M	I	D	C	C	2	(2)	0	0	0	0	0	0	0	0	0	0	0	0	(3)	4		1	1	1	1	(4)			(5)	
7	8	LICENSEE CODE						14	15	LICENSE NUMBER												25	26	LICENSE TYPE				30	57	CAT		58

CON'T

0	1
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REPORT SOURCE

L	6	0	5	0	0	0	3	1	6	7	0	9	0	5	7	8	8	0	9	2	7	7	8	9
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DOCKET NUMBER

EVENT DATE

REPORT DATE

02 | DURING NORMAL OPERATION ON SEPTEMBER 5, ROD POSITION INDICATION (RPI) FOR ROD

03 C-9 INDICATED A DEVIATION OF GREATER THAN 12 STEPS FROM DEMAND POSITION. THIS

04 EXCEEDED T. S. 3.1.3.2. ALSO, ON SEPTEMBER 14, WHILE INCREASING POWER RPI FOR

05 H-8 EXCEEDED THE T.S. LIMIT. THE APPLICABLE T. S. ACTION REQUIREMENTS WERE FULFILLED.

06 | SIMILAR OCCURRENCES INCLUDE: 050-0315/76-13,44,54; 77-27,28,33,34; 78-04,07,38,46.

07 | 050-0316/78-07,08,22,31,41.

0 8 | \_\_\_\_\_ 8

0 9		SYSTEM CODE I E		CAUSE CODE E		CAUSE SUBCODE Z		COMPONENT CODE I N S T R U				COMP. SUBCODE I		VALVE SUBCODE Z	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
LER/RO REPORT NUMBER		EVENT YEAR 7 8		SEQUENTIAL REPORT NO. 0 6 4		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0					
21	22	23	24	25	26	27	28	29	30	31	32				
ACTION TAKEN E		FUTURE ACTION X		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0		ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER N	
33	34	35	36	37	38	39	40	41	42	43	44	COMPONENT MANUFACTURER W 1 2 0		47	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	

### CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

INVESTIGATION REVEALED THAT THE SIGNAL CONDITIONING MODULE HAD DRIFTED HIGH FOR C-9.

11 AFTER VERIFYING THE POSITION OF ROD C-9 BY MEASURING THE ROD'S SECONDARY COIL VOLTAGE,

12 THE SIGNAL CONDITIONING MODULE WAS RECALIBRATED AND PLACED BACK IN SERVICE INDICATING

13 THE CORRECT ROD POSITION.. RPI FOR H-8 RETURNED TO WITHIN THE ± 12 STEP LIMIT, WITHOUT

1 4 ANY CORRECTIVE ACTION. THE CONTROL BANK WAS BEING WITHDRAWN (SEE SUPPLEMENT)

9  
FACILITY STATUS (28) 1 5 7 8 9 F  
% POWER 0 9 2 (29) 10 12 13 NA  
OTHER STATUS (30) 44  
METHOD OF DISCOVERY (31) B 45 46 SURVEILLANCE TEST  
DISCOVERY DESCRIPTION (32) 80

ACTIVITY CONTENT  
RELEASED OF RELEASE

1 6 9 33 10 11 44

AMOUNT OF ACTIVITY (35)

NA

LOCATION OF RELEASE (36)

NA

PERSONNEL EXPOSURES									
NUMBER				TYPE	DESCRIPTION				
1	7	0	0	0	(37) Z	(38) NA	(39)		

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	3	0	0	0	40 NA

LOSS OF OR DAMAGE TO FACILITY (43)  
TYPE DESCRIPTION  
1 9 Z (42) NA

PUBLICITY  
 ISSUED DESCRIPTION (45)  
 2 0 N (44) NA  
 7 8 9 10 68 69 80  
 NRC USE ONLY

NAME OF PREPARED Jack Rischling

PHONE: 616-465-5901



SUPPLEMENT TO LER #78-064/03L-0

CAUSE DESCRIPTION SUPPLEMENT

WHILE INCREASING POWER. AN ENGINEERING REVIEW IS IN PROGRESS  
TO DETERMINE THE ROOT CAUSE OF THIS RECURRING PROBLEM.