

13 09/15/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-316

REC: KEPPLER J G
NRC

ORG: SHALLER D V
IN & MI PWR

DOCDATE: 09/08/78
DATE RCVD: 09/13/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-316/78-059) ON 08/06/78 CONCERNING
REACTOR PWR WAS INCREASED ABOVE ADMINISTRATIVE LIMIT OF 91% AND THE TECH SPEC
4.2.6.1 LIMIT OF 94% WITHOUT DETERMINING THE AXIAL PWR DISTRIBUTION FACTOR FZ
...W/ATT LER 78-060.

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/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
NSIC**W/ENCL
ACRS CAT B**W/16 ENCL

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

CONTROL NBR: 782020052

***** THE END *****

REGULATORY DOCKET FILE COPY



INDIANA & MICHIGAN POWER COMPANY

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

September 8, 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 reports are submitted:

RO 78-059/03L-1
RO 78-060/03L-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.
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R. Walsh, Esq.
G. Olson
J.M. Hennigan
PNSRC
J.F. Stietzel
R.S. Keith
T.P. Beilman/J.L. Rischling
Dir., IE (30 copies)
Dir., MIPC (3 copies)

782020052

A002
5/11

1971

00 014-938

LICENSEE EVENT REPORT

CONTROL BLOCK:

						(1)
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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	LICENSEE CODE						14	15	LICENSE NUMBER											25	26	LICENSE TYPE				30	57	CAT		58

CON'T

0 1 7 8

REPORT SOURCE L 6 0 5 0 0 0 3 1 . 6 7 0 8 0 9 7 8 8 0 9 0 8 7 8 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | DURING NORMAL OPERATION ON AUGUST 9 AND 14 , WITH REACTOR POWER AT 97% IT WAS
0 3 | DISCOVERED THAT THE APDMS COMPUTER FAILED TO PRINTOUT ALL THE F₂ (Z) SCANS AS
0 4 | REQUIRED BY T.S.4.2.6.1. ON THE AUGUST 9 EVENT POWER WAS REDUCED TO 90% WHILE ON THE
0 5 | AUGUST 14 EVENT THE APDMS COMPUTER WAS RETURNED TO OPERATION IMMEDIATELY.
0 6 | PREVIOUS OCCURRENCES OF A SIMILAR NATURE INCLUDE: 050-315/78-03,06, 76-34 316/78-48,
0 7 |
0 8 |

09		SYSTEM CODE I E		CAUSE CODE E		CAUSE SUBCODE G		COMPONENT CODE I N S T R U						COMP. SUBCODE X		VALVE SUBCODE Z													
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23													
LER/RO REPORT NUMBER		EVENT YEAR 7 8		SEQUENTIAL REPORT NO. 0 6 0		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0		ACTION TAKEN A		FUTURE ACTION F		EFFECT ON PLANT B		SHUTDOWN METHOD Z		HOURS 0 0 0 3		ATTACHMENT SUBMITTED Y		NPRO-4 FORM SUB. Y		PRIME COMP. SUPPLIER N		COMPONENT MANUFACTURER W 1 2 0	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | INVESTIGATION REVEALED THE CAUSE TO BE THE APDMS COMPUTER. THE DETECTORS WERE

1 1 | PERFORMING THE SCANS PROPERLY. HOWEVER, THE DATA WAS NOT ACCEPTED BY THE COMPUTER.

1 2 | THIS RESULTED IN THE COMPUTER MISSING SOME F. (Z) CALCULATIONS. A FAULTY CARD WAS

1 3 | IDENTIFIED AND REPLACED. NO FURTHER MALFUNCTIONS HAVE BEEN EXPERIENCED. A DESIGN

1 4 | CHANGE HAS BEEN INITIATED TO INSTALL A MODIFICATION (RFC-12-1617) SEE SUPPLEMENT

FACILITY STATUS (1) 5 (E) (28) % POWER (0) 9 (7) (29) OTHER STATUS (30) NA
 METHOD OF DISCOVERY (B) (31) DISCOVERY DESCRIPTION (32) ROUTINE OPERATOR CHECK

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 34

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

45 80

LOCATION OF RELEASE (36)

NA

45 80

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

PERSONNEL INJURIES		DESCRIPTION (41)	
NUMBER			
1	2	0	0
0	0	0	(40)
		NA	

7		8		9		11		12		80	
1		9		Z		(42)		NA			
LOSS OF OR DAMAGE TO FACILITY (43)											
TYPE DESCRIPTION											

PUBLICITY		NRC USE ONLY	
ISSUED	DESCRIPTION		

NRC USE ONLY

NAME OF PREPARER J. L. Rischling

PHONE: 616-465-5901

SUPPLEMENT TO LER #78-060/03L-0

CAUSE DESCRIPTION

WHICH WILL PROVIDE AN AUDIBLE ALARM ON THIS TYPE FAILURE.

