

A 04/19/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-316

REC: KEPPLER J G
NRC

ORG: SHALLER D V
IN & MI PWR

DOCDATE: 04/11/78
DATE RCVD: 04/17/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED
LTR 1 ENCL 1

SUBJECT:
FORWARDING LICENSEE EVENT REPT (RO 50-316/78-004) ON 02/27/78 CONCERNING
ROUTINE COOLANT SYSTEM LEAK RATE TEST CONDUCTED REVEALED LEAK RATE OF 5.29
GPM UNIDENTIFIED LEAKAGE IN VIOLATION OF APPENDIX A TECH SPEC
3. 4. & 2B...W/ATT LERS 78-007, 78-008 AND 78-009/03L-0

PLANT NAME: COOK - UNIT 2

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: *me*

***** 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 KNIEL**W/4 ENCL*

INTERNAL: *REG FILE**W/ENCL*
*I & E**W/2 ENCL*
SCHROEDER/IPPOLITO**W/ENCL
NOVAK/CHECK**W/ENCL
KNIGHT**W/ENCL
HANAUER**W/ENCL
EISENHUT**W/ENCL
SHAO**W/ENCL
KREGER/J. COLLINS**W/ENCL
K SEYFRIT/IE**W/ENCL

NRC PDR**W/ENCL
MIPC**W/3 ENCL
HOUSTON**W/ENCL
EEB**W/ENCL
BUTLER**W/ENCL
TEDESCO**W/ENCL
BAER**W/ENCL
VOLLMER/BUNCH**W/ENCL
ROSA**W/ENCL

EXTERNAL: LPDR'S
ST. JOSEPH, MI**W/ENCL
TIC**W/ENCL
NSIC**W/ENCL
ACRS CAT B**W/16 ENCL

COPIES NOT SUBMITTED PER
REGULATORY GUIDE 10.1

DISTRIBUTION: LTR 45 ENCL 45
SIZE: 1P+1P+4P

CONTROL NBR: 781080112
Ad

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





INDIANA & MICHIGAN POWER COMPANY

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

D. Lasham
FILE

April 11, 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 Appendix A Technical Specifications,
the following reports are submitted:

RO 78-004/03L-1
RO 78-007/03L-0
RO 78-008/03L-0
RO 78-009/03L-0.

Sincerely,

D.V. Shaller
Plant Manager

/bab

cc: J.E. Dolan
R.W. Jurgensen
R.F. Kroeger
R. Kilburn
R.J. Vollen BPI
R.C. Callen MPSC
K.R. Baker RO:III
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)

APR 13 1978

100

GPO 917-926

2700 23

2700 01

LICENSEE EVENT REPORT

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	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	3	1	5	7	8	8	0	4	1	1	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 0 POWER PHYSICS TESTING, WHILE SHUTDOWN BANK "C" WAS BEING WITHDRAWN FROM
0 3 | 214 STEPS TO 228 STEPS, ROD POSITION INDICATION FOR ROD L-13 WAS READING 205 STEPS,
0 4 | WITH VISICORDER INDICATION SHOWING THE ROD HAD ACTUALLY DROPPED 37 STEPS. THIS
0 5 | INCIDENT EXCEEDED THE ± 12 STEP LIMIT OF T. S. 3.1.3.2. PREVIOUS REPORTABLE
0 6 | OCCURRENCES OF A SIMILAR NATURE INCLUDE: RO-050/315-78-07,04,77-34,33,28,27,
0 7 | 76-54,44,13.

0 8 | _____
7 8 9

SYSTEM CODE I E		Cause Code X	Cause Subcode Z	Component Code I N S T R U				Comp. Subcode X	Valve Subcode Z
LER/RO REPORT NUMBER 7 8		EVENT YEAR 7 8		SEQUENTIAL REPORT NO. 0 0 7		OCCURRENCE CODE 0 3	REPORT TYPE L		REVISION NO. 0
ACTION TAKEN Z	FUTURE ACTION Z	EFFECT ON PLANT Z	SHUTDOWN METHOD Z	HOURS 0 0 0 0	ATTACHMENT SUBMITTED Y	NPRD-4 FORM SUB. Y	PRIME COMP. SUPPLIER N	COMPONENT MANUFACTURER W 1 2 0	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 INVESTIGATION REVEALED THAT THERE WAS NO APPARENT REASON FOR THIS CONDITION. IMMEDIATE

1 1 ACTION INCLUDED DISCONNECTING OTHER RODS IN BANK "C" AND WITHDRAWING ROD L-13. ROD

1 2 CONTROL WAS THEN RECONNECTED TO INCLUDE L-13 IN BANK "C", WITH THE ENTIRE BANK CYCLED

1 3 BETWEEN 214 STEPS AND 228 STEPS WITH NO PROBLEMS. FURTHER INVESTIGATING INCLUDED

1 4 REPULLING ROD L-13 WITH EACH ROD IN IT'S BANK, (SEE ATTACHED SUPPLEMENT)

7 8 9

FACILITY STATUS (28) 1 5 B

% POWER 0 0 0 (29)

OTHER STATUS (30) NA

METHOD OF DISCOVERY (31) A

DISCOVERY DESCRIPTION (32) OPERATOR OBSERVATION

7 8 9

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 Z 33 Z 34 NA

7 8 9 10 11 44 45 80

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

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	40	NA

1		9		Z		42		NA		43	
TYPE		DESCRIPTION									

PUBLICATION		ISSUED		DESCRIPTION		NRC USE ONLY											
2	0	7	8	9	10												
				NA													

NAME OF PREPARER

Jack Rischling

PHONE: 616-465-5901

NRC USE ONLY

017-028

SUPPLEMENT TO LER # 78-007/03L-0

CAUSE DESCRIPTION

VERIFYING BY VISICORDER TRACES THAT NO STEPS WERE MISSED. VOLTAGE READING
OF THE L-13 COIL STACK SHOWED NORMAL RESISTANCE FOR L-13

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	0	3	1	6	7	0	3	1	9	7	8	8	0	4	1	1	7	8	9
60	61									68	69						74	75						80
DOCKET NUMBER										EVENT DATE										REPORT DATE				

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

09		SYSTEM CODE I E		11	CAUSE CODE E		12	CAUSE SUBCODE E		13	COMPONENT CODE I N S T R U				14	COMP. SUBCODE Y		15	VALVE SUBCODE Z		16					
7	8	9	10		11	12		12		13					18	19			20							
17 LER/RO REPORT NUMBER		EVENT YEAR 7 8		21	22	23		SEQUENTIAL REPORT NO. 0 0 8		24	26	27		OCCURRENCE CODE 0 3		28	29	REPORT TYPE L		30	31	REVISION NO. 0		32		
ACTION TAKEN E		FUTURE ACTION 4		18	19	EFFECT ON PLANT Z		20	SHUTDOWN METHOD Z		21	HOURS 0 0 0 0		22	ATTACHMENT SUBMITTED N		23	NPRD-4 FORM SUB. Y		24	PRIME COMP. SUPPLIER N		25	COMPONENT MANUFACTURER W 1 2 0		26
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

7 8 9			FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1 5			B 28		0 0 4 29			NA		A 31		OPERATOR OBSERVATION 32	
7 8 9			ACTIVITY CONTENT			AMOUNT OF ACTIVITY			LOCATION OF RELEASE				
1 6			Z 33			Z 34			NA 35 36				
7 8 9			PERSONNEL EXPOSURES			DESCRIPTION							
1 7			0 0 0 37			Z 38			NA 39				
7 8 9			PERSONNEL INJURIES			DESCRIPTION							
1 8			0 0 0 40						NA 41				
7 8 9			LOSS OF OR DAMAGE TO FACILITY			DESCRIPTION							
1 9			7 42						NA 43				
7 8 9			PUBLICITY			DESCRIPTION							
2 0			Z 44						NA 45				
7 8 9			ISSUED			DESCRIPTION			NRC USE ONLY				
2 0			Z 44						NA 45				

PHONE: 616-465-5901

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	I	D	C	C	Z	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	REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
7	8	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	3	1	3	7	8	8	0	4	1	1	7	8	9															

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | WHILE REVIEWING SURVEILLANCE TEST DATA ON MARCH 13, 1978, IT WAS DISCOVERED THAT
0 3 | DURING THE PERFORMANCE OF SURVEILLANCE TEST PROCEDURES ON "POWER RANGE-NUCLEAR
0 4 | INSTRUMENTATION SYSTEM", CHANGES WERE MADE TO THESE PROCEDURES AND PERFORMED
0 5 | WITHOUT PROPER APPROVED DOCUMENTATION. THE CHANGES AFFECTED THE OVERPOWER TRIP
0 6 | AND RESET POINTS. THIS IS CONTRARY TO T. S. 6.8.3.C.
0 7 |
0 8 |
7 8 9

09		SYSTEM CODE I A		11	CAUSE CODE A		12	CAUSE SUBCODE C		13	COMPONENT CODE Z Z Z Z Z				14	COMP. SUBCODE Z		15	VALVE SUBCODE Z		16
7	8	9	10		11		12		13					18		19		20			
17		LER/RO REPORT NUMBER		EVENT YEAR 7 8		21	22	SEQUENTIAL REPORT NO. 0 0 9		24	25	OCCURRENCE CODE 0 3		28	29	REPORT TYPE L		30	REVISION NO. 0		32
ACTION TAKEN H		FUTURE ACTION Z		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		22	ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER Z		COMPONENT MANUFACTURER Z 9 9 9		26		
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 THAT THE TRIP AND RESET VALUES WERE CHANGED IN THE PROCEDURES.

1 1 THE PERSONNEL RUNNING THE TEST SHOULD NOT HAVE USED THESE VALUES WITHOUT A TEMPORARY

1 2 CHANGE SHEET. TO PREVENT RECURRENCE, THE INSTRUMENT MAINTENANCE GROUP HAS RECEIVED

1 3 TRAINING COVERING THE USE OF TEMPORARY CHANGE SHEETS.

1 4

7	8	9	FACILITY STATUS										METHOD OF DISCOVERY										DISCOVERY DESCRIPTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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NAME OF PREPARER Jack Rischling

PHONE: 616-465-5901



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