

1306/19/116

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-316

REC: KEPPLER J G
NRC

ORG: SHALLER D V
IN & MI PWR

DOCDATE: 06/06/78
DATE RCVD: 06/19/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-316/78-031) ON 05/07/78 CONCERNING
DURING NORMAL OPERATION, TWENTY-TWO EVENTS OCCURRED BETWEEN THE DATES OF MAY
7 & MAY 19, WHERE ROD POSITION INDICATION DID NOT MEET THE PLUS-MINUS 12 STEP
LIMIT OF TECH SPEC 3.1.3.2

PLANT NAME: COOK - UNIT 2

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: K

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

NOTES:

1. SEND 3 COPIES OF ALL MATERIAL TO I&E,
ED REEVES-1 CY ALL MATERIAL

INCIDENT REPORTS

(DISTRIBUTION CODE A002)

FOR ACTION: ~~BR CHIEF~~ LWR#2 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 OPER TECH**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**W/ENCL

NSIC**W/ENCL

ACRS CAT B**W/16 ENCL

20/4

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

CONTROL NBR: 781700017

THE END

60

NRC-3031305-010

UNITED STATES NUCLEAR REGULATORY COMMISSION
DDC MONTHLY ACCESSION LIST

04/01/78 - 04/30/78

FILE LEVELS

DOC. DATE

STN-50-478 PUBLIC SERVICE ELECTRIC & GAS COMPANY ATLANTIC #2

50 03/22/78

ACCESSION NBR: 78097-0232

TASK NBR:

DOCUMENT TYPE: LETTER

FICHE NBR:

DOCUMENT SIZE: 1P

NOTARIZED:

DOCKET DATE:

LPDR:

REPORT NBR:

RECP: KNIGHTON G W

RECP AFFILI

ORG:

ORG AFFILIA

SUBJECT: ACKNOWLEDGING RECEIPT OF NEGATIVE D
DRAFT/FINAL ENVIRONMENTAL IMPACT ST

50 03/27/78

ACCESSION NBR: 78097-0236

TASK NBR:

DOCUMENT TYPE: LETTER

FICHE NBR:

DOCUMENT SIZE: 1P+10P

NOTARIZED:

DOCKET DATE:

LPDR:

REPORT NBR:

RECP: KIRSLIS S

RECP AFFILI

ORG: JACOBSON J R

ORG AFFILIA

SUBJECT: COMMENTS RE: FLOATING NUCLEAR PLANT
CONSEQUENCES.

50 03/28/78

ACCESSION NBR: 78090-0097

TASK NBR:

DOCUMENT TYPE: OTHERS

FICHE NBR:

DOCUMENT SIZE: 1P

NOTARIZED:

DOCKET DATE: 03/28/78

LPDR:

REPORT NBR:

RECP:

RECP AFFILI

ORG: YORE J R

ORG AFFILIA

SUBJECT: NOTICE OF RECONSTITUTION OF THE ASL



INDIANA & MICHIGAN POWER COMPANY

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

D. Lenham

Rec'd 06/19/78

June 6, 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 78-031/03L-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.
R. Walsh, Esq.
G. Charnoff, Esq.
G. Olson
J.M. Hennigan
PNSRC
J.F. Stietzel
Dir., IE (30 copies)
Dir., MIPC (3 copies)

JUN 09 1978

781700017

REGULATORY DOCKET FILE COPY

*1002
5
11*



LICENSEE EVENT REPORT

4. CONTROL BLOCK:

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1

(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 5 0 7 7 8 8 0 6 0 6 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, TWENTY-TWO EVENTS OCCURRED BETWEEN THE DATES OF MAY 7 AND
0 3 | MAY 19, WHERE ROD POSITION INDICATION (RPI) DID NOT MEET THE + 12 STEP LIMIT OF
0 4 | T. S. 3.1.3.2. THE ATTACHED SUPPLEMENT DESCRIBES ALL THESE EVENTS. AFTER THE EVENT
0 5 | ON 5-16-78, THE RPI FOR D-8 WAS DECLARED INOPERABLE. THE ACTION REQUIREMENT OF
0 6 | T.S.3.1.3.2a WAS FULFILLED. PREVIOUS OCCURRENCES OF A SIMILAR NATURE INCLUDE
0 7 | R0-050/315-78-07,04, 77-34,33,28,27, 76-54,44,13 R0-050/316-78-22,08,07.

(SEE ATTACHED SUPPLEMENT)

09		SYSTEM CODE I E		11	CAUSE CODE E		12	CAUSE SUBCODE Z		13	COMPONENT CODE I N S I R U					14	COMP. SUBCODE I		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 3 1		24	26	OCCURRENCE CODE /		27	REPORT TYPE 0 3		28	29	REVISION NO. 0		32	
ACTION TAKEN E		FUTURE ACTION Z		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0		ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. Y		PRIME COMP. SUPPLIER N		COMPONENT MANUFACTURER W 1 2 0						
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 MOST OF THESE EVENTS INVOLVED MEASURING THE AFFECTED
1 1 ROD'S SECONDARY COIL VOLTAGE TO VERIFY THAT THE ROD WAS AT THE PROPER POSITION. THE
1 2 SIGNAL CONDITIONING MODULE WOULD THEN BE CALIBRATED AND PLACED BACK IN SERVICE RETURN-
1 3 ING RPI TO WITHIN THE ± 12 STEP LIMIT. SEVERAL OF THE EVENTS RESULTED WITH RPI
1 4 RETURNING TO WITHIN THE ± 12 STEP T.S. LIMIT WITHOUT (SEE ATTACHED SUPPLEMENT)

1		5		FACILITY STATUS		E		(28)		% POWER			0			7			0			(29)			OTHER STATUS			(30)			METHOD OF DISCOVERY			A			(31)			OPERATOR OBSERVATION			DISCOVERY DESCRIPTION			(32)																																																																																																					
7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		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		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80	

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 2 33 34

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

44

45

LOCATION OF RELEASE (36)

NA

80

PERSONNEL EXPOSURES						DESCRIPTION	
NUMBER				TYPE			
1	7	0	0	(37) Z	(38)	NA	(39)
7	8	9	11	12	13		80

PERSONNEL INJURIES
NUMBER DESCRIPTION (41)
1 8 0 0 0 (40) NA

[illegible]

2		0		ISSUED		N		PUBLICITY DESCRIPTION (45)		NA		NRC USE ONLY																																																													
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	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	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

NAME OF PREPARER.

Jack Rischling

PHONE: 616-465-5901

SUPPLEMENT TO EVENT DESCRIPTION OF LICENSEE EVENT REPORT # 78-031/03L-0

THIS IS A LISTING OF EVENTS WHERE RPI DID NOT MEET THE \pm 12 STEP LIMIT
OF T.S. 3.1.3.2.

<u>DATE</u>	<u>TIME</u>	<u>ROD POSITION INDICATION AFFECTED</u>
5/7	2315	D-8,D-12, M-8, H-8
5/8	1210	C-9
5/8	1725	D-4, D-8, D-12, M-12
5/9	1004	D-8
5/9	2213	D-4, D-8, D-12, M-8, H-4
5/10	0358	D-4, D-8, D-12, M-4, M-8, M-12, H-8
5/10	1148	D-8, H-8, D-12
5/10	1238	M-8, M-12, H-4
5/10	2115	D-12, H-8
5/10	2318	D-8, M-4, H-8, H-12
5/12	0553	D-4, D-8, D-12, M-12
5/14	2015	H-8
5/14	2327	H-8
5/15	0355	D-8
5/15	0413	D-8
5/15	1658	D-8
5/15	2136	D-8
5/16	0040	D-8
5/16	0338	D-8
5/16	0748	D-8 (D-8 RPI Determined inoperable)
5/19	0200	H-8
5/19	1611	H-8

SUPPLEMENT TO CAUSE DESCRIPTION

ANY CORRECTIVE ACTION. THE D-8 RPI PROBLEM WAS FOUND TO BE CAUSED BY
A CONNECTOR ON THE REACTOR HEAD, THE PINS WERE RECESSED IN THE CONNECTOR
CAUSING THE RPI TO FLUCTUATE AS SHORTS OCCURRED.