

B 06/19/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL 50-316

REC: KEPPLER J G
NRC

ORG: SHALLER D V
IN & MI PWR

DOC DATE: 06/06/78
DATE RCVD: 06/19/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
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

04/01/78 - 04/30/78

FILE LEVELS DOC. DATE

STN-50-478 50 478 C	PUBLIC SERVICE ELECTRIC & GAS COMPANY ATLANTIC #2 03/22/78	ACCESSION NBR: 78097-0232 DOCUMENT TYPE: LETTER DOCUMENT SIZE: 1P DOCKET DATE: REPORT NBR: RECP: KNIGHTON G W ORG:	TASK NBR: FICHE NBR : NOTARIZED: LPDR: Y RECP AFFILI ORG AFFILIA
------------------------------	---	--	---

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

50 478 C	03/27/78	ACCESSION NBR: 78097-0236 DOCUMENT TYPE: LETTER DOCUMENT SIZE: 1P+10P DOCKET DATE: REPORT NBR: RECP: KIRSLIS S ORG: JACOBSON J R	TASK NBR: FICHE NBR : NOTARIZED: LPDR: Y RECP AFFILI ORG AFFILIA
----------------	----------	--	---

SUBJECT: COMMENTS RE: FLOATING NUCLEAR PLANT CONSEQUENCES.

50 478 C	03/28/78	ACCESSION NBR: 78090-0097 DOCUMENT TYPE: OTHERS DOCUMENT SIZE: 1P DOCKET DATE: 03/28/78 REPORT NBR: RECP: ORG: YORE J R	TASK NBR: FICHE NBR : NOTARIZED: LPDR: Y RECP AFFILI 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
S
11*

... ..

... ..

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | M | I | D | C | C | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5

7 8 9 14 15 25 26 57 CAT 58

LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T

01 | 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

7 8 60 61 68 69 74 75 80

DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 | DURING NORMAL OPERATION, TWENTY-TWO EVENTS OCCURRED BETWEEN THE DATES OF MAY 7 AND

03 | MAY 19, WHERE ROD POSITION INDICATION (RPI) DID NOT MEET THE + 12 STEP LIMIT OF

04 | T. S. 3.1.3.2. THE ATTACHED SUPPLEMENT DESCRIBES ALL THESE EVENTS. AFTER THE EVENT

05 | ON 5-16-78, THE RPI FOR D-8 WAS DECLARED INOPERABLE. THE ACTION REQUIREMENT OF

06 | T.S.3.1.3.2a WAS FULFILLED. PREVIOUS OCCURRENCES OF A SIMILAR NATURE INCLUDE

07 | R0-050/315-78-07,04, 77-34,33,28,27, 76-54,44,13 R0-050/316-78-22,08,07.

08 | (SEE ATTACHED SUPPLEMENT)

09 | SYSTEM CODE: I | E | 11 | CAUSE CODE: E | 12 | CAUSE SUBCODE: Z | 13 | COMPONENT CODE: I | N | S | T | R | U | 14 | COMP. SUBCODE: I | 15 | VALVE SUBCODE: Z | 16

7 8 9 10 11 12 13 18 19 20

LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

17 | 7 | 8 | 0 | 3 | 1 | 0 | 3 | L | 0

21 22 23 24 25 26 27 28 29 30 31 32

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

E | Z | Z | Z | 0 | 0 | 0 | Y | Y | N | W | 1 | 2 | 0

33 34 35 36 37 40 41 42 43 44 45 47

18 19 20 21 22 23 24 25 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 | INVESTIGATION REVEALED THAT MOST OF THESE EVENTS INVOLVED MEASURING THE AFFECTED

11 | ROD'S SECONDARY COIL VOLTAGE TO VERIFY THAT THE ROD WAS AT THE PROPER POSITION. THE

12 | SIGNAL CONDITIONING MODULE WOULD THEN BE CALIBRATED AND PLACED BACK IN SERVICE RETURN-

13 | ING RPI TO WITHIN THE + 12 STEP LIMIT. SEVERAL OF THE EVENTS RESULTED WITH RPI

14 | RETURNING TO WITHIN THE + 12 STEP T.S. LIMIT WITHOUT (SEE ATTACHED SUPPLEMENT)

15 | FACILITY STATUS: E | 28 | % POWER: 0 | 7 | 0 | 29 | OTHER STATUS: NA | 30 | METHOD OF DISCOVERY: A | 31 | OPERATOR OBSERVATION: OPERATOR OBSERVATION | 32

7 8 9 10 12 13 44 45 46 80

ACTIVITY RELEASED CONTENT OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

16 | Z | Z | NA | NA | 36

7 8 9 10 11 44 45 80

PERSONNEL EXPOSURES DESCRIPTION

17 | 0 | 0 | 0 | 37 | Z | 38 | NA | 39

7 8 9 11 12 13 80

PERSONNEL INJURIES DESCRIPTION

18 | 0 | 0 | 0 | 40 | NA | 41

7 8 9 11 12 80

LOSS OF OR DAMAGE TO FACILITY DESCRIPTION

19 | Z | 42 | NA | 43

7 8 9 10 80

PUBLICITY ISSUED DESCRIPTION

20 | N | 44 | NA | 45

7 8 9 10 68 69 80

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

THIS IS A LISTING OF EVENTS WHERE RPI DID NOT MEET THE ± 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.