

Bo7/12/78

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

REC: KEPPLER J G
NRC

ORG: SHALLER D V
IN & MI PWR

DOCDATE: 07/05/78
DATE RCVD: 07/10/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-316/78-042) ON 06/17/78 CONCERNING
DURING SURVEILLANCE TEST, OHP. STP. 027, 2CD DIESEL EXHIBITED WIDLEY VARYING
CYLINDER TEMPERATURES, DUE TO FAILURE OF THE NO. 6 CYLINDER, REAR BANK, FUEL
INJECTION PUMP.

PLANT NAME: COOK - UNIT 2

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: *ve*

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

NOTES:

1. SEND 3 COPIES OF ALL MATERIAL TO I&E
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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 SYS & PROJ**W/ENCL
ENGINEERING BR**W/ENCL
KREGER/J. COLLINS**W/ENCL
K SEYFRIT/IE**W/ENCL

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PLANT SYSTEMS BR**W/ENCL
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REACTOR SAFETY BR**W/ENCL
VOLLMER/BUNCH**W/ENCL
POWER SYS BR**W/ENCL

EXTERNAL:

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

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

CONTROL NBR: 781930031

A0460

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

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INDIANA & MICHIGAN POWER COMPANY

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

D Lanham

FILE

July 5, 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

US NRC
DISTRIBUTION SERVICES
BRANCH

1978 JUL 10 PM 1 4a

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 78-042/03L-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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JUL 10 1978

*A002
5/11*

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	I	D	C	C	2	0	0	-	0	0	0	0	-	0	0	4	1	1	1	1	4			5		
7	8	LICENSEE CODE						14	LICENSE NUMBER										25	LICENSE TYPE					30	CAT		58

**REPORT
SOURCE**

REPORT SOURCE: 01 L 6 0 5 0 0 0 3 1 6 7 0 6 1 7 7 8 8 0 7 0 5 7 8 9
 7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | DURING SURVEILLANCE TEST, OHP.STP.027, ZCD DIESEL EXHIBITED

WIDELY VARYING CYLINDER TEMPERATURES. 2CD DIESEL WAS UNLOADED,

SECURED, AND TAGGED OUT FOR INVESTIGATION AND REPAIRS, RENDER-

ING 2CD DIESEL INOPERABLE. ALTHOUGH COMPANION DIESEL, 2AB,

WAS OPERABLE DURING 2CD DIESEL REPAIRS, THE UNIT WAS IN A

DEGRADED MODE AS DELINEATED IN TECH. SPEC. 3.8.1.1.

08 _____

09		SYSTEM CODE E E		CAUSE CODE E		CAUSE SUBCODE B		COMPONENT CODE E N G I N E				COMP. SUBCODE Z		VALVE SUBCODE Z	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
LER/RO REPORT NUMBER 17		EVENT YEAR 7 8		SEQUENTIAL REPORT NO. 0 4 2		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0		ACTION TAKEN A		FUTURE ACTION Z	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. Y		PRIME COMP. SUPPLIER A		COMPONENT MANUFACTURER W 3 1 5		26	
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 THE CAUSE OF CYLINDER TEMPERATURE VARIATIONS WAS THE FAILURE OF

11 | THE NUMBER 6 CYLINDER, REAR BANK, FUEL INJECTION PUMP. THE

1 2 | BENDIX CORPORATION, TYPE FDX FUEL INJECTION PUMP PLUNGER WAS

1 3 | BOUND TO THE PLUNGER BARREL. A NEW FUEL INJECTION PUMP WAS

14 | INSTALLED AND A LOADED TEST OF THE DIESEL WAS SATISFACTORY.

1 5 FACILITY STATUS B (28) 0 4 5 (29) NA OTHER STATUS (30) METHOD OF DISCOVERY B (31) SURVEILLANCE TESTING DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 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

AMOUNT OF ACTIVITY (35)

NA

LOCATION OF RELEASE (36)

NA

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

7		8		9		11		12		13	
PERSONNEL INJURIES											
NUMBER						DESCRIPTION (41)					
1	8	0	0	0	(40)	NA					

SECRET FILE COPY

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

REGULATORY DUCK

7 8 9 10

ISSUED (44) NA (45) DESCRIPTION (45) PUBLICITY (45) NRC USE ONLY

NAME OF PREPARER MICHAEL S. BROWN

PHONE:

616-465-5901, EXT.398

917-926

700 6 8 11

700 6 8 11