

50-315

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO:
Mr. J. G. Keppler

FROM:
Indiana & Michigan Power Company
Bridgman, Michigan
R. W. Jurgensen

DATE OF DOCUMENT
5/3/77

DATE RECEIVED
5/11/77

LETTER
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 UNCLASSIFIED

PROP

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100

DESCRIPTION

Ltr. trans the following:

DO NOT REMOVE

PLANT NAME: **ACKNOWLEDGED** (1-P)
Cook Unit No. 1

RJL

ENCLOSURE

Licensee Event Report (RO 50-315/77-18) on 4/7/77 concerning alarms being received on all RCP seal flows and the ammeter for 1W Centrifugal Charging Pump pegged.....

(1-P)

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED SEND DIRECTLY TO KREGER/J. COLLINS

30 encl.

FOR ACTION/INFORMATION

BRANCH CHIEF:	<i>ZIEMANN</i>
W/3 CYS FOR ACTION	
LIC. ASST.:	<i>DIGGS</i>
W/1 CYS	
ACRS 16 CYS HOLDING/SENT	<i>AS CAT B</i>

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE				
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BUTLER				
HANAUER				
TEDESCO/MACCARY				
EISENHUT				
BAER				
SHAO				
VOLLMER/BUNCH				
KREGER/J. COLLINS				

EXTERNAL DISTRIBUTION

LPDR: <i>St Joseph Mich.</i>	
TIC:	
NSIC:	

CONTROL NUMBER

771320238

A0 4



INDIANA & MICHIGAN POWER COMPANY

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

May 3, 1977

Regulatory Docket File



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

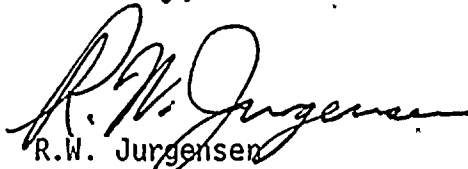
Operating License DPR-58
Docket No. 50-315

Dear Mr. Keppler:

Pursuant to the requirements of Appendix A Technical Specifications and the United States Nuclear Regulatory Commission Regulatory Guide 1.16, Revision 4, Section 2.b, the following report is submitted:

RO 50-315/77-18.

Sincerely,


R.W. Jurgensen
Plant Manager

/bab

cc: R.S. Hunter
J.E. Dolan
G.E. Lien
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
R.S. Keith
Dir., IE (30 copies)
Dir., MIPC (3 copies)



LICENSEE EVENT REPORT

[PLEASE PRINT ALL REQUIRED INFORMATION]

CONTROL BLOCK:

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LICENSEE NAME				LICENSE NUMBER												LICENSE TYPE					EVENT TYPE			
01	M	I	D	C	C	1	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	3
7	8	9	14	15	25	26	30	31	32															

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE				REPORT DATE										
01	CONT	L	L	0	5	0	-	0	3	1	5	0	4	0	7	7	7	0	5	0	3	7	7
7	8	57	58	59	60	61	66	69	74	75	80												

EVENT DESCRIPTION

02 | During normal operation, alarms were received on all RCP seal flows, the ammeter for | 80

03 | 1W Centrifugal Charging Pump pegged. The pump was deenergized and the 1E pump | 80

04 | started. Failure was due to a broken shaft on the 1W pump. The rotating element | 80

05 | was replaced and the pump returned to service on 4-11-77. | 80

06 | | 80

(RO 50-315/77-18)

SYSTEM CODE	CAUSE CODE	COMPONENT CODE				PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION					
07	P	C	E	P	U	M	P	X	X	N	P	O	2	5	N
7	8	9	10	11	12	17	43	44	47	48					

CAUSE DESCRIPTION

08 | Failure was a clean break occurring under the 11th stage impeller in the area of | 80

09 | 11th stage shaft split ring. Indications were that fatigue was the failure mechanism | 80

10 | | 80

FACILITY STATUS	% POWER	OTHER STATUS			METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		
11	E	1	0	0	NA	a	NA		
7	8	9	10	12	13	44	45	46	80

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY			LOCATION OF RELEASE		
12	Z	Z	NA	NA	NA	NA	NA
7	8	9	10	11	44	45	80

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION				
13	0	0	0	Z	NA	
7	8	9	11	12	13	80

PERSONNEL INJURIES

NUMBER	DESCRIPTION				
14	0	0	0	NA	
7	8	9	11	12	80

PROBABLE CONSEQUENCES

15 | NA | 80

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION			
16	Z	NA		
7	8	9	10	80

PUBLICITY

17 | NA | 80

ADDITIONAL FACTORS

18 | NA | 80

19 | | 80

NAME: D.G. Wizner PHONE: 616-465-5901

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