

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-315

REG: KEPPLER J G
NRC

ORG: SHALLER D V
IN & MI PWR

DOCDATE: 01/06/78
DATE RCVD: 01/19/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 1

LICENSEE EVENT REPT. (RO 50-315/77-42) ON 12/09/77 CONCERNING THREE SPURIOUS
OVERSPEED TRIP SIGNALS BEING RECEIVED FROM THE HEA RELAYS OF THE EMERGENCY
DIESEL GENERATORS.

PLANT NAME: COOK - UNIT 1

REVIEWER INITIAL: XRL
DISTRIBUTOR INITIAL:

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

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

FOR ACTION: BRANCH CHIEF DAVIS**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
L. CROCKER**W/ENCL

NRC PDR**W/ENCL
MIPC**W/ENCL
HOUSTON**W/ENCL
GRIMES**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

DISTRIBUTION: LTR 28 ENCL 28
SIZE: 1P+2P

CONTROL NBR: 780200162

***** THE END

Ro 4
GD



INDIANA & MICHIGAN POWER COMPANY

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

January 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-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 50-315/77-42.

Sincerely,

D.V. Shaller
Plant Manager

/bab

cc: J.E. Dolan
R.W. Jurgensen
G.E. Lien
R. Kilburn
R.J. Vollen BPI
K.R. Baker RO:III
R.C. Callen MPSC
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R. Walsh, Esq.
G. Charnoff, Esq.
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Dir., IE (30 copies)
Dir., MIPC (3 copies)

D. Lanham
REGULATORY DOCKET FILE COPY



JAN 10 1978

780200162

4002
1/1
5

LICENSEE EVENT REPORT

CONTROL BLOCK:

1	2	3	4	5	6
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[PLEASE PRINT ALL REQUIRED INFORMATION]

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	1	2	0	9	7	7	0	1	0	6	7	8
7	8	57	58	59	60	61					68	69				74	75						80

EVENT DESCRIPTION

02	ON 12/09/77, WITHIN THREE HOURS, THREE SPURIOUS OVERSPEED TRIP SIGNALS WERE																							80
03	RECEIVED FROM THE HEA RELAYS OF THE EMERGENCY DIESEL GENERATORS. THE OVERSPEED																							80
04	TRIP SIGNALS WERE RECEIVED TWICE ON THE 1AB DIESEL AND ONCE ON THE 1CD DIESEL,																							80
05	RESPECTIVELY. BOTH OF THE DIESEL GENERATORS WERE OPERABLE AT THE TIME OF EACH																							80
06	OCCURRENCE, ALTHOUGH NEITHER WERE IN USE. (SEE SUPPLEMENT); (RO-050-315/77-42)																							80

SYSTEM CODE	CAUSE CODE	COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION				
07	E	E	B	R	E	L	A	Y	X	N	G	0	8	0	Y
7	8	9	10	11	12	13	17	43	44	47	48				

CAUSE DESCRIPTION

08	THE OVERSPEED TRIP DEVICES WERE CHECKED TO VERIFY THE PROPER TRIP POINT, WHICH																							80
09	WAS CORRECT, AND TO INSURE TIGHTNESS OF ALL CONNECTIONS, OF WHICH ALL WERE																							80
10	SATISFACTORY. AT THAT TIME, THE DIESEL ROOMS WERE EXTREMELY (SEE SUPPLEMENT)																							80

FACILITY STATUS	% POWER	OTHER STATUS			METHOD OF DISCOVERY	DISCOVERY DESCRIPTION									
11	E	1	0	0	N/A	A	N/A								
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	N/A		N/A										
7	8	9	10	11		44	45								80

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION			
13	0	0	0	Z	N/A
7	8	9	11	12	13

PERSONNEL INJURIES

NUMBER	DESCRIPTION			
14	0	0	0	N/A
7	8	9	11	12

OFFSITE CONSEQUENCES

15	N/A	
7	8	9

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION		
16	Z	N/A	
7	8	9	10

PUBLICITY

17	N/A	
7	8	9

ADDITIONAL FACTORS

18	N/A	
7	8	9

19	N/A	
7	8	9

NAME: TERRY P. BEILMAN

PHONE: (616) 465-5901, ext. 368

LICENSEE EVENT REPORT
SUPPLEMENT
(RO-050-315-77-42)

EVENT

ON EACH OCCASION THE OVERSPEED TRIP DEVICES WERE RESET, ALTHOUGH THE OPPOSITE DIESEL GENERATOR WAS NOT FUNCTIONALLY TESTED AS REQUIRED BY TECHNICAL SPECIFICATION PARAGRAPH 3.8.1.1 ACTION ITEM A, UNTIL AFTER THE THIRD OCCURRENCE. AT THIS TIME, BOTH DIESEL GENERATORS WERE FUNCTIONALLY TESTED WITH SATISFACTORY RESULTS.

CAUSE

COLD WITH SNOW STANDING ON THE CABINETS. HEATERS WERE INSTALLED IN THE CONTROL CABINETS AND THE DAMPERS WERE COVERED TO PREVENT COLD AIR FROM ENTERING. NO FURTHER PROBLEMS HAVE BEEN ENCOUNTERED SINCE THE ABOVE CORRECTIVE ACTION WAS TAKEN.

1941

1942

1943

1944

1945