

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	M	I	D	C	C	1	2	0	0	-	0	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4	5
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
LICENSEE CODE								LICENSE NUMBER								LICENSE TYPE				LIC. CAT. NO.							

CON'T	01	L	6	0	5	0	0	0	3	1	5	7	0	5	2	9	8	1	3	5	0	5	2	9	8	4	9
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
REPORT SOURCE				DOCKET NUMBER								EVENT DATE					REPORT DATE										

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

012 | DURING UNIT STARTUP, THE WEST MOTOR DRIVEN AUXILIARY FEED PUMP (MDAFP) WAS REMOVED

013 | FROM SERVICE TO REPAIR LOW SUCTION PRESSURE SWITCHES THAT HAD FAILED. THIS EVENT

014 | WAS NON-CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION 3.7.1.2.a. THE ACTION

015 | REQUIREMENTS WERE MET. PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED. THIS IS A FIRST

016 | OCCURRENCE OF THIS TYPE.

019	C	H	11	E	12	B	13	I	N	S	T	R	U	14	S	15	Z	16									
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25									
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP. SUBCODE		VALVE SUBCODE													
17	8	3	21	22	—	23	0	5	5	24	25	—	26	0	1	3	27	X	28	—	29	2	30	—	31	2	
LER/RD REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.																	
A	13	X	19	C	20	Z	21	0	10	10	10	22	Y	23	Y	24	A	25	M	2	3	5	32	M	2	3	5
ACTION TAKEN			EFFECT ON PLANT			SHUTDOWN METHOD			HOURS			ATTACHMENT SUBMITTED		NPRD-4 FORM SUB		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER									

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳

117 | INVESTIGATION WAS UNABLE TO CONFIRM WHY THE SUCTION PRESSURE SWITCHES (CPS-245B AND

118 | CPS-245C) TRIPPED. TROUBLESHOOTING REVEALED THAT THE RESET VALUES WERE OUT OF

119 | SPECIFICATION HIGH, CAUSING THE PUMP TO STAY TRIPPED. THE SWITCHES MANUFACTURED BY

120 | MERCOID CORPORATION WERE UNABLE TO BE RECALIBRATED SATISFACTORILY AND WERE REPLACED.

121 | (SEE ATTACHED SUPPLEMENT)

115	C	23	0	0	0	29	N/A	30	B	31	OPERATOR OBSERVATION	32	
7	8	9	10	11	12	13	14	15	16	17	18	19	
FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY					DISCOVERY DESCRIPTION	
116	Z	33	Z	34	N/A	35	N/A	36	N/A	37	N/A	38	
ACTIVITY TAKEN		FUTURE ACTION		AMOUNT OF ACTIVITY			LOCATION OF RELEASE						
117	0	0	0	39	N/A	40	N/A	41	N/A	42	N/A		
PERSONNEL EXPOSURES NUMBER		PERSONNEL EXPOSURES TYPE		PERSONNEL EXPOSURES DESCRIPTION		PERSONNEL INJURIES NUMBER		PERSONNEL INJURIES DESCRIPTION					
118	0	0	0	43	N/A	44	N/A	45	N/A	46	N/A		
LOSS OF OR DAMAGE TO FACILITY TYPE		LOSS OF OR DAMAGE TO FACILITY DESCRIPTION		PUBLICITY ISSUED		PUBLICITY ISSUED DESCRIPTION							
119	Z	47	N	48	N/A	49	N/A	50	N/A	51	N/A		
LOSS OF OR DAMAGE TO FACILITY TYPE		LOSS OF OR DAMAGE TO FACILITY DESCRIPTION		PUBLICITY ISSUED		PUBLICITY ISSUED DESCRIPTION							

8406050455 840529 PDR ADOCK 05000315 S PDR

IE 22 | | |

NRC USE ONLY

ATTACHMENT TO LER #83-055/03X-2
SUPPLEMENT TO CAUSE DESCRIPTION

INVESTIGATION WAS UNABLE TO CONFIRM WHY THE SUCTION PRESSURE SWITCHES (CPS-245B AND CPS-245C) TRIPPED. TROUBLESHOOTING REVEALED THAT THE RESET VALUES WERE OUT OF SPECIFICATION HIGH, CAUSING THE PUMP TO STAY TRIPPED. THE SWITCHES MANUFACTURED BY MERCOID CORPORATION WERE UNABLE TO BE RECALIBRATED SATISFACTORILY AND WERE REPLACED. THE NEW SWITCHES WERE CALIBRATED, VERIFIED TO BE OPERATING CORRECTLY AND THE PUMP WAS RETURNED TO SERVICE. DURING THE UPCOMING REFUELING OUTAGE, TESTS WILL BE PERFORMED TO DETERMINE THE PUMP START/STOP DYNAMIC SUCTION PRESSURE CHARACTERISTICS.

UPDATED LER IS BEING SUBMITTED BECAUSE THE CHARACTERISTIC TESTS WERE UNABLE TO BE PERFORMED DUE TO KEY PUMP TESTING PERSONNEL BEING INVOLVED WITH PROBLEMS CONCERNING THE WEST CENTRIFUGAL CHARGING PUMP. HOWEVER, DURING THE REFUELING OUTAGE, GAUGE PROTECTORS WERE INSTALLED ON ALL AUX FEEDWATER LOW SUCTION PRESSURE SWITCHES. THE TESTS ARE RESCHEDULED TO BE PERFORMED DURING THE UPCOMING UNIT 2 REFUELING OUTAGE.

REVISION 2 OF LER IS BEING SUBMITTED TO REPORT THE TEST RESULTS AND FINALIZE THIS LER. ON 12-08-83, A TEST WAS PERFORMED ON THE WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP TO DETERMINE: THE PUMP START/STOP DYNAMIC SUCTION PRESSURE CHARACTERISTICS; AND THE SUBSEQUENT EFFECTS ON THE LOW SUCTION PRESSURE SWITCHES WITH GAUGE PROTECTORS INSTALLED. RESULTS OF THIS TEST SHOWED THAT THE SUCTION PRESSURE CHANGED LESS THAN 2 PSI AT ALL FLOW RATES. THIS SMALL OF A CHANGE WILL HAVE NO EFFECT ON THE SUCTION PRESSURE SWITCHES DURING PUMP OPERATIONS.



INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106
(616) 465-5901

DMB

May 29, 1984

Mr. J.G. Keppler, Regional Administrator
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 the Appendix A Technical Specifications, the following report/s are submitted:

RO 83-055/03X-2

Sincerely,

W.G. Smith, Jr.
Plant Manager

/cbm

Attachment

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