

## 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 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5

LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 37 CAT 38

CONT

01 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 1 | 5 | 7 | 0 | 5 | 2 | 9 | 8 | 3 | 5 | 0 | 5 | 2 | 9 | 8 | 4 | 9

DOCKET NUMBER 60 61 EVENT DATE 74 75 REPORT DATE 80

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.

017 |

019 |

SYSTEM CODE | C | H | 11 | CAUSE CODE | E | 12 | CAUSE SUBCODE | B | 13 | COMPONENT CODE | I | N | S | T | R | U | 14 | COMP SUBCODE | S | 15 | VALVE SUBCODE | Z | 16 |

17 | LERNO REPORT NUMBER | 8 | 3 | 21 | 22 | SEQUENTIAL REPORT NO. | 0 | 5 | 5 | 24 | OCCURRENCE CODE | 0 | 1 | 3 | 23 | REPORT TYPE | X | 30 | REVISION NO. | 2 | 32 |

ACTION TAKEN | A | 13 | FUTURE ACTION | X | 19 | EFFECT ON PLANT | C | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 10 | 10 | 10 | 37 | ATTACHMENT SUBMITTED | Y | 23 | NPRO-4 FORM SUB | Y | 24 | PRIME COMP. SUPPLIER | A | 25 | COMPONENT MANUFACTURER | M | 2 | 3 | 5 | 44 |

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

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

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

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

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

115 | (SEE ATTACHED SUPPLEMENT)

116 | FACILITY STATUS | C | 23 | % POWER | 0 | 0 | 10 | 29 | OTHER STATUS | N/A | 30 | METHOD OF DISCOVERY | B | 31 | DISCOVERY DESCRIPTION | OPERATOR OBSERVATION | 32 |

117 | ACTIVITY CONTENT | Z | 33 | RELEASED OF RELEASE | Z | 34 | AMOUNT OF ACTIVITY | N/A | 35 | LOCATION OF RELEASE | N/A | 36 |

118 | PERSONNEL EXPOSURES NUMBER | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | N/A | 39 |

119 | PERSONNEL INJURIES NUMBER | 0 | 0 | 0 | 40 | DESCRIPTION | N/A | 41 |

120 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 42 | DESCRIPTION | N/A | 43 |

121 | PUBLICITY ISSUED | N | 44 | DESCRIPTION | N/A | 45 |

NAME OF OPERATOR J. L. Rischling 616-465-5901

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

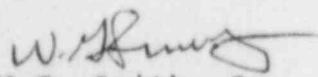
Operating License DPR-58  
Docket No. 50-315

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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