

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 M I D I C I C 2 2 0 0 1 - 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 30 57 CAT 58

CON'T 0 1 L 6 0 5 0 0 0 3 1 6 7 0 4 2 4 8 3 8 0 5 2 4 8 3 9

REPORT SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0 2 AT 0320 HOURS ON APRIL 24, 1983, THE UPPER CONTAINMENT NORMAL RANGE AREA MONITOR

0 3 CHANNELS (VRS-2101 AND 2201) AND LOWER CONTAINMENT AIRBORNE MONITOR CHANNELS (ERS-2301,

0 4 2305, 2401, AND 2405) WERE DECLARED INOPERABLE DUE TO BAD DATA IN CHANNEL PARAMETER

FILES. THIS EVENT WAS NON-CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION TABLES

0 6 3.3-3 ITEMS 3.c.2, 3.c.3 AND 3.3-6 ITEM 1. THE ACTION REQUIREMENTS WERE MET AND THE

0 7 PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED. (SEE ATTACHED SUPPLEMENT)

0 8 9

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

LER/RO REPORT NUMBER 8 13 EVENT YEAR 8 13 SEQUENTIAL REPORT NO. 0 4 5 OCCURRENCE CODE 0 3 REPORT TYPE L 17 REVISION NO. 0 18 ACTION TAKEN X 19 FUTURE ACTION A 20 EFFECT ON PLANT Z 21 SHUTDOWN METHOD Z 22 HOURS 0 0 0 0 0 0 ATTACHMENT SUBMITTED Y 23 NPRO-4 FORM SUB. Y 24 PRIME COMP. SUPPLIER L 25 COMPONENT MANUFACTURER E 0 7 10 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

0 9 INVESTIGATION REVEALED THE CHANNEL PARAMETER FILES HAD BEEN AUTOMATICALLY CHANGED ON

1 0 THE MONITOR CHANNELS, EXCEPT FOR VRS-2201, WHICH CONTROL TERMINAL PRINTOUTS VERIFIED

1 1 NO PARAMETER CHANGES HAD OCCURRED AND THEREFORE VRS-2201 WAS OPERABLE DURING THIS

1 2 EVENT. THE OPTIONAL BUBBLE MEMORY CIRCUIT BOARD WAS REMOVED FROM THE CONTROL TERMINAL

1 3 THUS PREVENTING ANY FURTHER PARAMETER CHANGES. (SEE ATTACHED SUPPLEMENT)

FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION OPERATOR OBSERVATION 32

ACTIVITY CONTENT RELEASED OF RELEASE Z 33 Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36

PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39

PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41

LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43

PUBLICITY ISSUED N 44 DESCRIPTION NA 45

8305310179 830524
PDR ADOCK 05000316
S PDR

NAME OF PREPARER R. A. PALMER

PHONE (616) 465-5901

EVENT DESCRIPTION SUPPLEMENT

AT 0320 HOURS ON APRIL 24, 1983, THE UPPER CONTAINMENT NORMAL RANGE AREA MONITOR CHANNELS (VRS-2101 AND 2201) AND LOWER CONTAINMENT AIRBORNE MONITOR CHANNELS (ERS-2301, 2305, 2401 AND 2405) WERE DECLARED INOPERABLE DUE TO BAD DATA IN CHANNEL PARAMETER FILES. THIS EVENT WAS NON-CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION TABLES 3.3-3 ITEMS 3.c.2, 3.c.3 AND 3.3-6 ITEM 1. THE ACTION REQUIREMENTS WERE MET AND THE PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED. THERE HAVE BEEN SIMILAR EVENTS ON INDIVIDUAL MONITORS IN THE PAST. HOWEVER, THIS THE THE FIRST OCCURRENCE WHERE MULTIPLE CHANNEL PARAMETER FILES HAVE BEEN SIMULTANEOUSLY AFFECTED.

CAUSE DESCRIPTION SUPPLEMENT

INVESTIGATION REVEALED THE CHANNEL PARAMETER FILES HAD BEEN AUTOMATICALLY CHANGED ON THE MONITOR CHANNELS, EXCEPT FOR VRS-2201, WHICH CONTROL TERMINAL PRINTOUTS VERIFIED NO PARAMETER CHANGES HAD OCCURRED AND THEREFORE VRS-2201 WAS OPERABLE DURING THIS EVENT. THE OPTIONAL BUBBLE MEMORY CIRCUIT BOARD WAS REMOVED FROM THE CONTROL TERMINAL THUS PREVENTING ANY FURTHER PARAMETER CHANGES. PARAMETER FILES OF VRS-2101, ERS-2301, 2305, 2401, AND 2405 WERE RETURNED TO THEIR CORRECT VALVES AT 0635 HOURS ON APRIL 24, 1983. THE MANUFACTURER EBERLINE INSTRUMENT CORPORATION, WAS CONTACTED AND STATED THE CAUSE OF THE PARAMETER FILE CHANGES WAS PROBABLY DUE TO THE BUBBLE MEMORY CIRCUIT BECOMING FILLED. IN ADDITION, EBERLINE STATED THAT THE CURRENTLY INSTALLED VERSION OF THE CONTROL TERMINAL SOFTWARE WILL NOT PREVENT THIS SITUATION FROM HAPPENING. A NEW VERSION OF THE CONTROL TERMINAL SOFTWARE HAS BEEN APPROVED AND IS PRESENTLY BEING INSTALLED WHICH WILL PREVENT RECURRENCE WITH THE BUBBLE MEMORY CIRCUIT BOARD INSTALLED.



INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106
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May 24, 1983

Mr. J.G. Keppler, Regional Administrator
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Operating License DPR-74
Docket No. 50-316

Dear Mr. Keppler:

Pursuant to the requirements of the Appendix A Technical Specifications,
the following report/s are submitted:

RO 83-045/03L-0

Sincerely,

for W.G. Smith, Jr.
Plant Manager

/hab

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