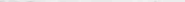


LICENSEE EVENT REPORT

CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | M | I | D | C | C | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 1 | 4 | 5

7 8 9 14 15 25 26 30 37 CAT 53

LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T

CON'T

REPORT SOURCE: 01 L 6 0 5 10 10 0 3 1 1 5 7 1 1 1 8 8 3 5 1 2 0 2 8 3 9
DOCKET NUMBER: 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES: 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 DURING STARTUP OF UNIT 2 ON 11-03-83, WHILE VENTING THE VOLUME CONTROL TANK TO THE
013 WASTE GAS HOLDUP SYSTEM (#3 GAS DECAY TANK) THE CONCENTRATION FOR BOTH OXYGEN AND
014 HYDROGEN WERE ANALYZED AND FOUND TO EXCEED THE 4% LIMIT OF TECHNICAL SPECIFICATION
015 3.11.2.5. WHILE INVESTIGATING THE EVENT OF 11-03-83 ON 11-18-83, IT WAS DISCOVERED
016 THAT ADDITIONS TO THE #3 GAS DECAY TANK HAD NOT BEEN SUSPENDED AS REQUIRED BY ACTION
017 ITEM B UNTIL APPROXIMATELY SIXTEEN (16) HOURS AFTER THE LIMITS HAD BEEN EXCEEDED.
018 PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED.

SYSTEM CODE [M][B] (11)		CAUSE CODE [D] (12)		CAUSE SUBCODE [Z] (13)		COMPONENT CODE [Z][Z][Z][Z][Z][Z][Z] (14)		COMP SUBCODE [Z] (15)		VALVE SUBCODE [Z] (16)	
LER/RO REPORT NUMBER [8][3] (17)		EVENT YEAR [8][3] (21)		SEQUENTIAL REPORT NO. [1][1][4] (24)		OCCURRENCE CODE [0][1] (28)		REPORT TYPE [T] (30)		REVISION NO. [0] (32)	
ACTION TAKEN [G] (33)		FUTURE ACTION [Z] (34)		EFFECT ON PLANT [Z] (35)		SHUTDOWN METHOD [Z] (36)		HOURS [0][0][0][0][0] (37)		ATTACHMENT SUBMITTED [Y] (41)	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)		NPRD-4 FORM SUB [N] (42)		PRIME COMP. SUPPLIER [Z] (43)		COMPONENT MANUFACTURER [Z][9][9][9] (44)					

THE VOLUME CONTROL TANK (VCT) WAS VENTED TO THE VENT HEADER PER PROCEDURE TO ESTABLISH A HYDROGEN ATMOSPHERE. THE VCT GAS SPACE AT THIS TIME WAS OXYGENATED CAUSING THE WASTE GAS HOLDUP SYSTEM TO EXCEED THE TECHNICAL SPECIFICATION LIMIT OF 4% FOR APPROXIMATELY 35 HOURS. THE #3 GDT WAS PRESSURIZED WITH NITROGEN AND RELEASED. (SEE ATTACHED SUPPLEMENT)

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	C	0	9	7	NA	A			OPERATOR OBSERVATION
ACTIVITY CONTENT		AMOUNT OF ACTIVITY						LOCATION OF RELEASE	
1	Z				NA				NA
PERSONNEL EXPOSURES NUMBER		TYPE		DESCRIPTION					
0	0	0	Z		NA				
PERSONNEL INJURIES NUMBER		DESCRIPTION							
0	0				NA				
LOSS OF OR DAMAGE TO FACILITY TYPE		DESCRIPTION							
1	Z				NA				
PUBLICITY ISSUED		DESCRIPTION							
2	N				NA				

8312090107 831202
PDR ADOCK 05000315
S PDR

NRC USE ONLY

NAME OF PREPARER R. A. PALMER

PHONE. (616) 465-5901

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SUPPLEMENT TO CAUSE DESCRIPTION

DURING THE STARTUP OF UNIT 2, THE VOLUME CONTROL TANK WAS VENTED TO THE VENT HEADER PER PROCEDURE TO ESTABLISH A HYDROGEN ATMOSPHERE. THE VOLUME CONTROL TANK GAS SPACE AT THE TIME OF VENTING WAS OXYGENATED CAUSING THE WASTE GAS HOLDUP SYSTEM TO EXCEED THE TECHNICAL SPECIFICATION LIMIT OF 4%. A MAXIMUM CONCENTRATION OF 4.25% OXYGEN WAS DETECTED IN THE #3 GAS DECAY TANK WITH A HYDROGEN CONCENTRATION OF 4.5%. THE #3 GAS DECAY TANK WAS PRESSURIZED WITH NITROGEN IN AN ATTEMPT TO BRING THE OXYGEN CONCENTRATION WITHIN SPECIFICATION. THE WASTE GAS HOLDUP SYSTEM (#3 GAS DECAY TANK) REMAINED OUT OF SPECIFICATION FOR APPROXIMATELY 35 HOURS.

THE VENTING OF THE VOLUME CONTROL TANK INTO THE VENT HEADER DURING STARTUP WAS A NORMAL OPERATING FUNCTION. AS THE OXYGENATION OF THE WASTE GAS SYSTEM WAS ANTICIPATED, THIS GAS WAS DIRECTED ONLY INTO THE #3 GAS DECAY TANK. DURING THIS TIME PERIOD, ACTION ITEM B OF TECHNICAL SPECIFICATION 3.11.2.5 WAS NOT MET. THE #3 GAS DECAY TANK WAS SUBSEQUENTLY DILUTED WITH NITROGEN AND RELEASED.

PROCEDURES FOR COMMUNICATING OUT OF SPECIFICATION OXYGEN CONDITIONS AND ACTIONS REQUIRED IN THE GASEOUS RAD WASTE SYSTEM WERE INADEQUATE. TO PREVENT RECURRENCE OF THIS TYPE A FORMAL METHOD FOR COMMUNICATING HAS BEEN DRAFTED TO CLARIFY RESPONSIBILITY AND ACTIONS TO BE TAKEN.



INDIANA & MICHIGAN ELECTRIC COMPANY

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

December 2, 1983

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

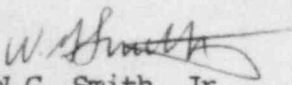
Operating License DPR-58
Docket No. 50-315

Dear Mr. Keppler:

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

RO 83-114/01T-0

Sincerely,


W.G. Smith, Jr.
Plant Manager

/chm

cc: J.E. Dolan
M.P. Alexich
R.F. Kroeger
H. Brugger
E. Swanson, RO:III
R.C. Callen, MPSC
C. Charnoff, Esq.
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R.O. Bruggee
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PNSRC
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DEC - 5 1983

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