

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) D. C. COOK UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 3 1 5 1	PAGE (3) OF 2
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TITLE (4)
TECHNICAL SPECIFICATION TIME PERIOD EXCEEDED

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
05	04	84	84	005	0	05	03	84	D. C. COOK UNIT 2		050003116
									05000		

OPERATING MODE (8) 1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)											
	20.402(b)			20.408(e)			80.73(a)(2)(iv)			73.71(b)		
	20.408(a)(1)(i)			80.38(a)(1)			80.73(a)(2)(vi)			73.71(a)		
	20.408(a)(1)(ii)			80.38(a)(2)			80.73(a)(2)(vii)			OTHER (Specify in Abstract below and in Text, NRC Form 306A)		
	20.408(a)(1)(iii)			X 80.73(a)(2)(i)			80.73(a)(2)(viii)(A)					
	20.408(a)(1)(iv)			80.73(a)(2)(ii)			80.73(a)(2)(viii)(B)					
20.408(a)(1)(v)			80.73(a)(2)(iii)			80.73(a)(2)(ix)						
POWER LEVEL (10) 1100												

LICENSEE CONTACT FOR THIS LER (12)									
NAME K. R. BAKER, OPERATIONS SUPERINTENDENT							TELEPHONE NUMBER 616 465-5901		
							AREA CODE		

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)										
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	

SUPPLEMENTAL REPORT EXPECTED (14)							EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)							X NO				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

AT 0920 ON 5/4/84, THE PRESSURE REDUCING VALVE FOR SAMPLE FLOW TO THE WASTE GAS SYSTEM AUTO GAS ANALYZER WAS DISCOVERED TO BE INOPERABLE. THIS PLACED THE WASTE GAS SYSTEM IN AN ACTION STATEMENT REQUIRING GRAB SAMPLES TO BE TAKEN EVERY 12 HOURS. AN EQUIPMENT CLEARANCE WAS PLACED ON THE COMPONENT SO IT COULD BE REPAIRED. THIS REMOVED THE CAPABILITIES FOR MANUAL SAMPLES TO BE TAKEN. AT 2120 THE CHEMISTRY LAB NOTIFIED THE CONTROL ROOM THAT THE SAMPLE HAD NOT BEEN TAKEN. THE UNIT SUPERVISOR BELIEVED HE HAD BEEN TOLD EARLIER THAT THE SYSTEM WAS OUT OF SERVICE WITH THE GAS COMPRESSORS OFF. WHEN THE UNIT SUPERVISOR CHECKED FURTHER HE DISCOVERED THAT ONE OF THE COMPRESSORS WAS STILL RUNNING, WHICH IS NOT PERMISSIBLE BY THE TECHNICAL SPECIFICATION ACTION STATEMENT. THE NEED FOR COMMUNICATIONS BETWEEN SHIFTS AND SHIFT PERSONNEL HAS BEEN REEMPHASIZED.

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PDR ADOCK 05000315
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		— 0 0 5	— 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

THE PLANT OPERATING CONDITIONS DURING THIS EVENT WERE: UNIT 1 AT 100% STEADY STATE POWER AND UNIT 2 IN THE REFUELING MODE.

AT 0920 ON 5/4/84, THE PRESSURE REDUCING VALVE FOR SAMPLE FLOW TO THE WASTE GAS SYSTEM AUTO GAS ANALYZER WAS REPORTED AS BEING INOPERABLE BY THE LABORATORY PERSONNEL. THIS PLACED THE WASTE GAS SYSTEM IN AN ACTION STATEMENT REQUIRING GRAB SAMPLES TO BE TAKEN AND ANALYZED EVERY TWELVE HOURS.

IN THE AFTERNOON OF THE SAME DAY, AN EQUIPMENT CLEARANCE PERMIT WAS PLACED ON THE PRESSURE REDUCING VALVE SO REPAIRS COULD BE MADE. NO GRAB SAMPLE HAD BEEN TAKEN AS YET AND THIS CLEARANCE REMOVED THE CAPABILITIES FOR MANUAL SAMPLES TO BE TAKEN.

AT 2120 THE LAB INFORMED THE CONTROL ROOM THAT THE 12 HOUR SAMPLE TIME LIMIT HAD EXPIRED WITHOUT THE SAMPLE BEING TAKEN. THE ASSISTANT SHIFT SUPERVISOR NOTIFIED THE UNIT SUPERVISOR TO REMOVE THE WASTE GAS SYSTEM FROM OPERATION BY SHUTTING OFF THE WASTE GAS COMPRESSORS. THE UNIT SUPERVISOR STATED THE COMPRESSORS HAD BEEN OFF SINCE THE CLEARANCE PERMIT WAS PLACED.

AT 2135 THE UNIT SUPERVISOR DISCOVERED THAT IN FACT ONE OF THE GAS COMPRESSORS WAS RUNNING AND HAD BEEN INTERMITTENTLY RUNNING ON THE DAY AND EVENING SHIFTS. THE COMPRESSORS WERE REMOVED FROM SERVICE AT THAT TIME AND A SHIFT SUPERVISOR CLEARANCE PERMIT PLACED ON THE CONTROL SWITCHES TO PREVENT FURTHER OPERATION.

CONTRIBUTING TO THIS EVENT WAS A COMMUNICATION PROBLEM DURING SHIFT TURNOVER BETWEEN THE TWO UNIT SUPERVISORS, OFF-GOING AND ON-COMING AND BETWEEN THE AUXILIARY EQUIPMENT OPERATOR AND THE UNIT SUPERVISOR ON DUTY AT THE TIME OF THE EVENT.

THE NEED FOR IMPROVED COMMUNICATIONS AT SHIFT TURNOVER AND AMONG SHIFT PERSONNEL AND THE MAINTAINING OF PROPER LOG ENTRIES WAS EMPHASIZED TO THOSE INVOLVED AND REITERATED IN AN OPERATING MEMO FROM THE OPERATIONS SUPERINTENDENT.



INDIANA & MICHIGAN ELECTRIC COMPANY

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

May 31, 1984

United States Nuclear Regulatory Commission
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Docket No. 50-315

Document Control Manager:

In accordance with the criteria established by 10CFR50.73
entitled Licensee Event Reporting System, the following
report/s are being submitted:

RO 84-005-0

Sincerely,

E L Townley

Fol W.G. Smith, Jr.
Plant Manager

/cbm

Attachment

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