

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)

D. C. COOK NUCLEAR PLANT - UNIT 1

DOCKET NUMBER (2)

0 5 0 0 0 3 1 5 1 OF 0 2

PAGE (3)

TITLE (4)

ESF ACTUATION - CONTAINMENT VENTILATION ISOLATION

EVENT DATE (6)			LER NUMBER (8)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (9)								
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)							
0	6	2	3	8	4	8	4	0	1	2	0	5	0	0	0		
											0	5	0	0	0		

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

OPERATING MODE (9)	20.402(b)	20.406(a)(1)(i)	20.406(a)(1)(ii)	20.406(a)(1)(iii)	20.406(a)(1)(iv)	20.406(a)(1)(v)	20.406(a)	90.73(a)(2)(iv)	90.73(a)(2)(v)	90.73(a)(2)(vi)	90.73(a)(2)(vii)(A)	90.73(a)(2)(vii)(B)	90.73(a)(2)(ix)	73.71(b)	73.71(a)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
POWER LEVEL (10) 0 15 16								X								

LICENSEE CONTACT FOR THIS LER (12)

NAME

K. R. BAKER, OPERATIONS SUPERINTENDENT

TELEPHONE NUMBER

AREA CODE

6 1 6 4 1 6 5 1 5 9 0 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

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)

WITH THE UNIT AT 56% POWER WHILE PERFORMING A CONTAINMENT PRESSURE RELIEF (VENTING), AN AUTOMATIC ACTUATION OF TRAIN "A" CONTAINMENT VENTILATION ISOLATION SYSTEM OCCURRED. THIS ESF SYSTEM ACTUATION WAS THE RESULT OF A CONTAINMENT AIR PARTICULATE RADIATION MONITORING CHANNEL (ERS-1301) MOMENTARILY EXCEEDING ITS HIGH ALARM SETPOINT (4.94E-01 MICRO Ci).

THE REASON FOR THE ALARM SETPOINT BEING REACHED HAS BEEN ATTRIBUTED TO THE NORMAL INCREASES IN CONTAINMENT RADIATION LEVELS ASSOCIATED WITH POWER ASCENSION.

ALL SYSTEM COMPONENTS FUNCTIONED AS DESIGNED. PROCEDURAL CHANGES HAVE BEEN MADE IN AN EFFORT TO PRECLUDE RECURRENCE.

8407260329 840723  
PDR ADOCK 05000315  
S PDR

IE 22

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
D. C. COOK NUCLEAR PLANT - UNIT 1	0500031584	—	012	—00	02	OF	02

TEXT (If more space is required, use additional NRC Form 388A's) (17)

OPERATORS HAD BEGUN A CONTAINMENT PRESSURE RELIEF IN ACCORDANCE WITH PLANT PROCEDURES AT 1638 HRS ON 06/23/84. AT THIS TIME THE UNIT WAS BEING HELD AT 56% POWER AFTER A 40% RAMP INCREASE THAT WAS STOPPED APPROXIMATELY FOUR HOURS EARLIER. AT 1650 HRS A CONTAINMENT VENTILATION ISOLATION OCCURRED IN RESPONSE TO A HIGH ALARM ON A CONTAINMENT AIR PARTICULATE RADIATION MONITOR (ERS-1301). THIS RESULTED IN AUTOMATIC CLOSURE OF TRAIN A PRESSURE RELIEF VALVE. IMMEDIATE OPERATOR RESPONSE WAS TO STOP THE PRESSURE RELIEF FAN AND CLOSE THE TRAIN B VALVE. THE CONTAINMENT RADIATION MONITOR SETPOINTS WERE THEN INCREASED TO THE ALLOWABLE T.S. VALUE. THE CAUSE OF THE HIGH ALARM HAS BEEN ATTRIBUTED TO INCREASING RADIATION LEVELS IN CONTAINMENT ASSOCIATED WITH THE REACTOR POWER INCREASE THAT HAD TAKEN PLACE. CONTAINMENT PRESSURE HAD BEEN SUFFICIENTLY REDUCED PRIOR TO THE ALARM SO THE PRESSURE RELIEF WAS NOT RESTARTED.

TYPICALLY, THE HIGH ALARM SETPOINTS ON ALL CONTAINMENT RADIATION MONITORS (AIR PARTICULATE, RADIOGAS, AND AREA) ARE EVALUATED AND RESET AT LEAST ONCE DURING POWER ASCENSION (0-100%). IN THIS EVENT THE ALARM WAS RECEIVED PRIOR TO THE SETPOINT ADJUSTMENT.

IN ORDER TO PRECLUDE FUTURE OCCURRENCES OF THIS TYPE, THE PROCEDURE INVOLVED HAS BEEN CHANGED SO THAT THE CONTAINMENT RADIATION MONITOR SETPOINTS ARE EVALUATED AND RESET IF NECESSARY PRIOR TO BEGINNING THE PRESSURE RELIEF.



**INDIANA & MICHIGAN ELECTRIC COMPANY**

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

July 23, 1984

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

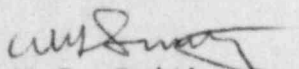
Operating License DPR-58  
Docket No. 50-315

Document Control Manager:

In accordance with the criteria established by 10CFR50.72  
entitled Licensee Event Reporting System, the following  
report/s are being submitted:

RO 84-012-0

Sincerely,

  
W.G. Smith, Jr.  
Plant Manager

/cbm

Attachment

cc: John E. Dolan  
J.G. Keppler, RO:III  
M.P. Alexich  
R.F. Kroeger  
H. Brugger  
E.R. Swanson, RO:III  
R.C. Callen, MPSC  
G. Charnoff, Esq.  
J.M. Hennigan  
R.O. Bruggee, EPRI  
INPO  
PNSRC  
J.F. Stietzel  
E.L. Townley  
Dottie Sherman, ANI Library

IE22  
1/1