

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) DONALD C. COOK, UNIT 2	DOCKET NUMBER (2) 0 5 0 0 0 3 1 6	PAGE(S) 1 OF 0 2
---	--------------------------------------	---------------------

TITLE (4)  
INOPERABLE FIRE PENETRATIONS

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)		
0 6	0 3	8 4	8 4	0 1 6	0 0	0 7	0 3	8 4	D.C. COOK UNIT 1			0 5 0 0 0 3 1 5		
												0 5 0 0 0		

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)									
POWER LEVEL (10) 0	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(e)	<input type="checkbox"/> 60.73(e)(2)(iv)	<input type="checkbox"/> 73.71(b)						
	<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 60.36(e)(1)	<input type="checkbox"/> 60.73(e)(2)(v)	<input type="checkbox"/> 73.71(e)						
	<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 60.36(e)(2)	<input type="checkbox"/> 60.73(e)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)						
	<input type="checkbox"/> 20.406(a)(1)(iii)	<input checked="" type="checkbox"/> 60.73(e)(2)(i)	<input type="checkbox"/> 60.73(e)(2)(viii)(A)							
	<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 60.73(e)(2)(ii)	<input type="checkbox"/> 60.73(e)(2)(viii)(B)							
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 60.73(e)(2)(iii)	<input type="checkbox"/> 60.73(e)(2)(x)								

LICENSEE CONTACT FOR THIS LER (12)		TELEPHONE NUMBER	
NAME T.R. ADAMS, CONSTRUCTION MANAGER		AREA CODE 6 1 6 4 6 5 5 9 0 1	

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

SUPPLEMENTAL REPORT EXPECTED (14)			EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)			<input checked="" type="checkbox"/> NO				

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

ON 6-3-84 AT 2100 HRS. WITH UNIT 2 IN MODE 5, AND UNIT 1 AT 100% POWER, OPERATIONS PERSONNEL DISCOVERED FIRE SEALS #7091 AND #7500 INOPERABLE WITHOUT A FIREWATCH PRESENT. A CONTINUOUS FIREWATCH WAS ESTABLISHED WITHIN MINUTES OF THE DISCOVERED INOPERABLE SEALS AND THE SEALS WERE REPAIRED THE FOLLOWING DAY. THESE DAMAGED FIRE SEALS WERE OF A TEMPORARY NATURE SERVING NEW FIRE PROTECTION PIPING BEING INSTALLED FOR APPENDIX "R".

THIS CONDITION EXISTED FOR AN INDETERMINABLE PERIOD OF TIME BETWEEN MARCH 26 AND JUNE 3, 1984.

8407100598 840703  
PDR ADOCK 05000316  
S PDR

IE22  
11

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  DONALD C. COOK, UNIT 2	DOCKET NUMBER (2)  0 5 0 0 0 3 1 6	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	- 0 1 6	- 0 0	0 2	OF 0 2

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

ON 6-3-84 AT 2100 HRS. WITH UNIT 2 IN MODE 5, AND UNIT 1 AT 100% POWER, OPERATIONS PERSONNEL DISCOVERED FIRE SEALS #7091 AND #7500 INOPERABLE WITHOUT A FIREWATCH PRESENT. A CONTINUOUS FIREWATCH WAS ESTABLISHED WITHIN MINUTES OF THE DISCOVERED INOPERABLE SEALS AND THE SEALS WERE REPAIRED THE FOLLOWING DAY. THESE DAMAGED FIRE SEALS WERE OF A TEMPORARY NATURE SERVING NEW FIRE PROTECTION PIPING BEING INSTALLED FOR APPENDIX "R". THE SEALS IN QUESTION ARE LOCATED BETWEEN THE TURBINE ROOM AND THE AUXILIARY BUILDING CCW PUMP AREA. A SPRINKLER SYSTEM WAS AVAILABLE FOR SERVICE ON THE AUXILIARY BUILDING SIDE OF THE WALL.

A CONTRACTOR HAD BEEN WORKING IN THE AREA BETWEEN THE TIME THE TEMPORARY SEALS WERE INSTALLED, AS THE SIX INCH DIAMETER FIRE PIPES WERE INSTALLED THROUGH THE WALL, AND THE TIME THE DAMAGE WAS DISCOVERED. THE WORK PERFORMED BY THE CONTRACTOR CONSISTED OF INSTALLATION OF ADJACENT PIPE, FIT-UP OF PIPE, FINAL ADJUSTMENT OF HANGERS, WELDING OF PIPE SECTIONS, AND FILLING PIPE FOR HYDROSTATIC TESTING.

A POSITIVE DETERMINATION COULD NOT BE MADE AS TO WHAT, OR WHO, DAMAGED THE SUBJECT FIRE SEALS. IT APPEARS THAT SLIGHT MOVEMENT OF THE PIPE DURING THE INSTALLATION PROCESS WAS THE MOST PROBABLE CAUSE. THE INOPERABILITY OF THE FIRE SEALS DID NOT APPEAR TO BE A DIRECT PERSONNEL ERROR. THIS CONDITION EXISTED FOR AN INDETERMINABLE PERIOD OF TIME BETWEEN MARCH 26 AND JUNE 3, 1984.

PREVIOUS SIMILAR EVENTS INCLUDE; 315/79-044, 315 & 316/79-055, 316/81-051, 315/81-051, 315/81-055, 315/82-055, 315/82-069, 315/82-070, 316/82-103, 316/83-008, 315/83-026, 316/83-030, 316/83-088

THE HEALTH OR SAFETY OF THE PUBLIC WAS NOT AFFECTED.



**INDIANA & MICHIGAN ELECTRIC COMPANY**

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

July 3, 1984

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

Operating License DPR-74  
Docket No. 50-316

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 84-016-0

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

LE22  
/1