

LICENSEE EVENT REPORT (LER)

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

TITLE (4) INOPERABLE FIRE DAMPER

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

OPERATING MODE (9) 1 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(a)	<input type="checkbox"/> 60.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 50.36(a)(1)	<input type="checkbox"/> 60.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)
<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 50.36(a)(2)	<input type="checkbox"/> 60.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 368A)
<input type="checkbox"/> 20.406(a)(1)(iii)	<input checked="" type="checkbox"/> 60.73(a)(2)(i)	<input type="checkbox"/> 60.73(a)(2)(vii)(A)	
<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 60.73(a)(2)(ii)	<input type="checkbox"/> 60.73(a)(2)(vii)(B)	
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 60.73(a)(2)(iii)	<input type="checkbox"/> 60.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME R. L. DUDDING - MAINTENANCE SUPERINTENDENT TELEPHONE NUMBER 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 NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
X	K	Q	DMP	A340	N				

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15) 1 0 2 0 8 4

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

ON AUGUST 29, 1984 AT 0505 HOURS, WHILE IN MODE 1, FIRE DAMPER 2-HV-ACED-2, WAS OBSERVED TO BE INOPERABLE DURING A MANUAL ACTUATION OF THE LOW PRESSURE CO2 FIRE SUPPRESSION SYSTEM. UPON MANUAL ACTUATION OF THE CO2 SYSTEM, THE POP-OFF LATCH CAUGHT ON THE PROTECTIVE SCREEN PREVENTING COMPLETE CLOSURE OF THE DAMPER. ALSO OBSERVED IN THE DAMPER TRACK, WAS A 1/2 INCH UNISTRUT NUT WHICH WOULD HAVE PREVENTED COMPLETE DAMPER CLOSURE BY APPROXIMATELY ONE-HALF INCH. THIS NUT HAS BEEN REMOVED AND THE OPENING IN THE PROTECTIVE SCREEN HAS BEEN ENLARGED BY APPROXIMATELY ONE INCH TO OBTAIN PROPER CLEARANCE FOR THE POP-OFF LATCH.

TWO PREVIOUS PERIODIC FUNCTIONAL INSPECTIONS OF THE SUBJECT DAMPER, COMPLETED ON 8/13/82 AND 5/25/84, FAILED TO REVEAL ANY DISCREPANCIES.

POST REPAIR FUNCTIONAL TESTING HAS BEEN PERFORMED BY MANUALLY ACTUATING THE POP-OFF LATCH TO ENSURE PROPER DAMPER OPERATION. THE ACTIONS TAKEN, AS DESCRIBED, CORRECTED THE DISCREPANCY AND SHOULD PREVENT RECURRENCE.

THIS LER IS BEING SUBMITTED AS AN INTERIM REPORT PENDING A SAFETY EVALUATION OF THE CO2 SYSTEM IN A SIMILAR, BUT NOT RELATED, INCIDENT.

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PDR ADOCK 05000316
S PDR

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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 8 4 - 0 2 3 - - 0 0 0 2 OF 0 2	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

TEXT (If more space is required, use additional NRC Form 368A's) (17)

ON AUGUST 29, 1984 AT 0505 HOURS, WHILE IN MODE 1, FIRE DAMPER 2-HV-ACED-2, LOCATED IN THE UNIT II AUX CABLE VAULT WAS OBSERVED TO BE INOPERABLE DURING A MANUAL ACTUATION OF THE LOW PRESSURE CO2 FIRE SUPPRESSION SYSTEM. THE SUBJECT DAMPER IS A GUILLOTINE TYPE DAMPER WHICH HAS A THREE HOUR FIRE RATING AND IS 24 X 18 IN SIZE. UPON MANUAL ACTUATION OF THE CO2 SYSTEM, THE POP-OFF LATCH CAUGHT ON THE PROTECTIVE SCREEN PREVENTING COMPLETE CLOSURE OF THE DAMPER. A 175F QUATZOID BULB LINK WHICH IS INSTALLED ON THE CABLE CONTAINING THE POP-OFF LATCH WOULD HAVE FREED THE DAMPER DURING AN ACTUAL FIRE. ALSO OBSERVED IN THE DAMPER TRACK, WAS A 1/2 INCH UNISTRUT NUT WHICH WOULD HAVE PREVENTED COMPLETE DAMPER CLOSURE BY APPROXIMATELY ONE-HALF INCH. THIS UNISTRUT NUT WAS DETERMINED TO HAVE BEEN LEFT BY PERSONNEL WORKING IN THE AREA DURING A RECENT INSTALLATION OF A DESIGN CHANGE. THIS NUT HAS BEEN REMOVED, AND PERSONNEL INVOLVED HAVE BEEN WARNED ABOUT LEAVING SURPLUS MATERIAL IN AND AROUND OPERATING EQUIPMENT. THE OPENING IN THE PROTECTIVE SCREEN HAS BEEN ENLARGED BY APPROXIMATELY ONE INCH TO OBTAIN PROPER CLEARANCE FOR THE POP-OFF LATCH. POST REPAIR FUNCTIONAL TESTING HAS BEEN PERFORMED BY MANUALLY ACTUATING THE POP-OFF LATCH TO ENSURE PROPER DAMPER OPERATION.

TWO PREVIOUS PERIODIC FUNCTIONAL INSPECTIONS OF THE SUBJECT DAMPER FAILED TO REVEAL ANY DISCREPANCIES. THESE INSPECTIONS WERE COMPLETED ON AUGUST 13, 1982 AND MAY 25, 1984. THE CONDITION AS DESCRIBED ABOVE WAS RECTIFIED IMMEDIATELY UPON DISCOVERY.

THE ACTIONS TAKEN AS DESCRIBED ABOVE CORRECTED THE DISCREPANCIES AND SHOULD PREVENT RECURRENCE.

THIS LER IS BEING SUBMITTED AS AN INTERIM REPORT PENDING A SAFETY EVALUATION OF THE CO2 SYSTEM IN A SIMILAR, BUT NOT RELATED, INCIDENT.



INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106
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September 28, 1984

United States Nuclear Regulatory Commission
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Washington, D.C. 20555

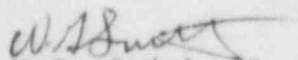
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Docket No. 50-316

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 84-023-0

Sincerely,


W.G. Smith, Jr.
Plant Manager

/cbm

Attachment

cc: John E. Dolan
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