

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) D. C. COOK NUCLEAR PLANT, UNIT 2										DOCKET NUMBER (2) 0 5 0 0 0 3 1 6					PAGE (3) 1 OF 0 1										
TITLE (4) MISSING SEISMIC RESTRAINT ON FLUX MAPPING SYSTEM																									
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	8	0	8	5	8	5	0	1	6	0	0	0	9	0	7	8	5	0	5	0	0	0			
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																							
5		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)											
POWER LEVEL (10)		20.405(a)(1)(i)				50.38(c)(1)				X 50.73(a)(2)(v)				73.71(c)											
0		20.405(a)(1)(ii)				50.38(c)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)											
0		20.405(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)															
0		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)															
0		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)															
LICENSEE CONTACT FOR THIS LER (12)																									
NAME A. A. BLIND - ASSISTANT PLANT MANAGER										TELEPHONE NUMBER 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 NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS															
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)																									
<p>IN EVALUATION AND REACTION TO BOTH A WESTINGHOUSE SAFETY REVIEW (REGARDING THE POTENTIAL FOR INTERACTION BETWEEN THE FLUX MAPPING SYSTEM (FMS) (IEEE/IG) AND THE SEAL TABLE/BOTTOM MOUNTED INSTRUMENTATION RESULTING FROM A POSTULATED SEISMIC EVENT) AND THE CORRESPONDING NRC INFORMATION NOTICE IE 85-45, A DESIGN CHANGE (RFC-12-2778) WAS INITIATED TO REINFORCE THE FMS MOVEABLE FRAME ASSEMBLY RESTRAINT DEVICES.</p> <p>ON AUGUST 8, 1985, WITH UNIT 2 IN MODE 5 (COLD SHUTDOWN), IT WAS DISCOVERED, WHILE CONDUCTING A PRE-PRODUCTION WALKDOWN FOR THE INSTALLATION OF THE SUBJECT DESIGN CHANGE, THAT THE FMS FRAME ASSEMBLY RESTRAINT DEVICES WERE NOT INSTALLED PER DESIGN SPECIFICATIONS. THE INSTALLATION OF THE RESTRAINT DEVICES, AS WELL AS THE MODIFICATIONS AUTHORIZED BY THE DESIGN CHANGE, WERE COMPLETED ON AUGUST 17, 1985.</p> <p>THE RESTRAINTS IN QUESTION, WHICH ARE PRESENT IN UNIT 1 BUT WERE MISSING IN UNIT 2, ARE PROVIDED TO ENSURE THAT THE FMS WILL STAY IN PLACE, I.E., RESTRAINED DURING UNIT OPERATION. EVEN WITHOUT THE RESTRAINTS, THE FMS CANNOT MOVE ALONG THE RAILS SINCE THERE IS A GRATING PLATE OVER THE RAILS DURING OPERATION WHICH PREVENTS THE MOVEMENT OF THE FMS IN ONE DIRECTION AND THE ADJACENT CRANE WALL WHICH PREVENTS THE MOVEMENT IN THE OTHER DIRECTION.</p> <p>THIS SUBMITTAL IS BASED ON THE FACT THAT THE RESTRAINT DEVICES WERE NOT INSTALLED AND THE POTENTIAL EXISTED FOR THE DISPLACEMENT OF THE FMS IN AN OVERTURNING REACTION DURING A SEISMIC EVENT.</p>																									

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**INDIANA & MICHIGAN ELECTRIC COMPANY**

DONALD C. COOK NUCLEAR PLANT  
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September 7, 1985

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 85-016-0

Sincerely,

*for W.G. Smith, Jr.*  
W.G. Smith, Jr.  
Plant Manager

/cbm

Attachment

cc: John E. Dolan  
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