

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
D. C. COOK NUCLEAR PLANT UNIT ONE

DOCKET NUMBER (2)  
0 5 0 0 0 3 1 5 1 OF 0 2

PAGE (3)  
1 OF 0 2

TITLE (4)  
BOTH SAFETY INJECTION PUMPS INOPERABLE

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	7	168	4	84	-	0	1	4	-	0	0	0
0	7	168	4	84	-	0	1	4	-	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) 1	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 1 0 0	20.405(a)(1)(i)	50.36(c)(1)	X 50.73(a)(2)(v)	73.71(c)
	20.405(a)(1)(ii)	50.36(c)(2)	X 50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.405(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
	20.405(a)(1)(iv)	X 50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
	20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME  
K. R. BAKER, OPERATIONS SUPERINTENDENT

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 NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

ON 7-16-84 at 0445 HOURS WITH THE REACTOR COOLANT SYSTEM IN MODE 1 AT 100% REACTOR POWER A VALVING ERROR WAS COMMITTED WHILE IN THE PROCESS OF PERFORMING A SCHEDULED SURVEILLANCE TEST ON THE ECCS. A NON-LICENSED OPERATOR INADVERTENTLY ISOLATED THE NORTH LOW HEAD SAFETY INJECTION PUMP. THE LICENSED CONTROL ROOM OPERATOR HAD PREVIOUSLY LOCKED OUT THE SOUTH PUMP IN PREPARATION FOR THE QUARTERLY VALVE TESTS. WHEN NOTIFIED THAT THE NORTH PUMP HAD BEEN ISOLATED THE CONTROL ROOM OPERATOR REQUESTED VERIFICATION OF WHICH PUMP WAS ISOLATED. WHEN IT WAS VERIFIED TO BE THE WRONG PUMP, THE VALVES WERE IMMEDIATELY REOPENED. THE TOTAL TIME BOTH PUMPS WERE INOPERABLE WAS THREE TO FIVE MINUTES.

THE EVENT WAS CAUSED BY PERSONNEL ERROR. PROCEDURE ENHANCEMENTS ARE BEING MADE TO PREVENT RECURRENCE.

8408220486 840815  
PDR ADOCK 05000315  
S PDR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  D. C. COOK NUCLEAR PLANT UNIT ONE	DOCKET NUMBER (2)  0 5 0 0 0 3 1 5	LER NUMBER (5)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	- 0 1 4	- 0 1 0	0 1 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 385A's) (17)

ON 7-16-84 AT 0445 HOURS WITH THE REACTOR COOLANT SYSTEM IN MODE 1 AT 100% REACTOR POWER A VALVING ERROR WAS COMMITTED WHILE IN THE PROCESS OF PERFORMING A SCHEDULED SURVEILLANCE TEST ON THE ECCS. A NON-LICENSED OPERATOR INADVERTENTLY ISOLATED THE NORTH LOW HEAD SAFETY INJECTION PUMP. THE LICENSED CONTROL ROOM OPERATOR HAD PREVIOUSLY LOCKED OUT THE SOUTH PUMP IN PREPARATION FOR THE QUARTERLY VALVE TESTS. WHEN NOTIFIED THAT THE NORTH PUMP HAD BEEN ISOLATED THE CONTROL ROOM OPERATOR REQUESTED VERIFICATION OF WHICH PUMP WAS ISOLATED. WHEN IT WAS VERIFIED TO BE THE WRONG PUMP, THE VALVES WERE IMMEDIATELY REOPENED. THE TOTAL TIME BOTH PUMPS WERE INOPERABLE WAS THREE TO FIVE MINUTES.

THE EVENT WAS CAUSED BY PERSONNEL ERROR PRIMARILY DUE TO BREAKDOWN IN COMMUNICATIONS AND JOB BRIEFING AS TO WHICH TRAIN WAS UNDERGOING TESTING. THE SIGNOFF SHEET IN POSSESSION OF THE NON-LICENSED OPERATOR DID NOT IDENTIFY WHICH TRAIN WAS TO BE TESTED.

A REVIEW OF THIS EVENT INDICATED THAT PROCEDURE ENHANCEMENT COULD PREVENT THIS FROM RECURRING. THE PROCEDURE FOR PERFORMING THIS TEST IS VERY COMPLICATED AND WILL BE SIMPLIFIED BY TESTING EACH TRAIN UNDER DIFFERENT PROCEDURES.

THE CONSEQUENCES OF THIS EVENT WERE MINIMIZED DUE TO THE RAPID IDENTIFICATION AND CORRECTION OF THE PROBLEM. IN THE ECCS TRAIN NOT UNDERGOING TESTING THE HIGH HEAD SAFETY INJECTION PUMP AND THE RESIDUAL HEAT REMOVAL PUMP WERE OPERABLE.



**INDIANA & MICHIGAN ELECTRIC COMPANY**

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

August 15, 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 10CFR50.73  
entitled Licensee Event Reporting System, the following  
report/s are being submitted:

RO 84-014-0

Sincerely,

for W.G. Smith, Jr.  
Plant Manager

/cbm

Attachment

cc: John E. Dolan  
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