

LICENSEE EVENT REPORT (LER)

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

DOCKET NUMBER (2)
05000B115

PAGE (3)
1 OF 012

TITLE (4)
BOTH ESF VENTILATION TRAINS 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 NAME	DOCKET NUMBER(S)		
06	20	84	84	011	000	07	19	84		05000		

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

OPERATING MODE (9) 3	20.402(b)	20.408(a)	90.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 01010	20.408(a)(1)(i)	90.38(a)(1)	<input checked="" type="checkbox"/> 90.73(a)(2)(v)	73.71(a)
	20.408(a)(1)(ii)	90.38(a)(2)	<input checked="" type="checkbox"/> 90.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 388A)
	20.408(a)(1)(iii)	90.73(a)(2)(i)	90.73(a)(2)(vii)(A)	
	20.408(a)(1)(iv)	90.73(a)(2)(ii)	90.73(a)(2)(vii)(B)	
	20.408(a)(1)(v)	90.73(a)(2)(iii)	90.73(a)(2)(viii)	

LICENSEE CONTACT FOR THIS LER (12)

NAME: K. B. BAKER OPERATIONS SUPERINTENDENT

TELEPHONE NUMBER: 616416151-5191011

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)

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)

AT 0725 ON 6/21/84 WHILE IN MODE 3, IT WAS DISCOVERED THAT BOTH TRAINS OF THE ESF VENTILATION SYSTEM WERE INADVERTANTLY MADE INOPERABLE DURING A PERFORMANCE TEST PROCEDURE WHEN THE "OPERABLE" FAN WAS MADE INCAPABLE OF AUTO STARTING WHILE THE OTHER FAN WAS ADMINISTRATIVELY INOPERABLE DUE TO INCOMPLETE TESTING. THE CONTROL SWITCH FOR THE FAN NOT UNDER TEST WAS PLACED IN STOP INSTEAD OF AUTO.

THE TEST PROCEDURE HAS BEEN CHANGED TO REQUIRE THE CONTROL SWITCH FOR THE FAN NOT BEING TESTED BE PLACED IN AUTO. IN ADDITION, THE OPERATIONS DEPARTMENT WILL REVIEW AND INTERFACE ALL OF THE PERFORMANCE TEST PROCEDURES IN ORDER TO CORRECT PROCEDURAL ERRORS SUCH AS THIS.

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PDR ADOCK 05000315
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

TEXT (If more space is required, use additional NRC Form 365A's) (17)

AT 0725 ON 6/21/84, THE UNIT WAS IN MODE 3 (HOT STANDBY) PREPARING FOR A UNIT STARTUP FOLLOWING A REACTOR TRIP FOUR DAYS EARLIER.

THE ENGINEERED SAFETY FEATURES VENTILATION SYSTEM IS COMPOSED OF TWO FAN/FILTER EXHAUST UNITS WHICH DRAW AIR FROM THE ECCS PUMP AND HEAT EXCHANGER ENCLOSURES VIA A COMMON VENT SHAFT AND DISCHARGE TO THE PLANT UNIT VENT. WHEN THE CONTROL SWITCH IS IN THE AUTO POSITION, THE ASSOCIATED FAN WILL AUTOMATICALLY START IF ANY OF THE COMPONENTS IN ITS RELATED ESF TRAIN IS STARTED. UPON RECEIPT OF A CONTAINMENT ISOLATION PHASE B SIGNAL, THE AIR FLOW IS DIRECTED THROUGH CHARCOAL FILTERS.

PROPER PERFORMANCE OF THE SURVEILLANCE TEST REQUIRES THAT ONLY THE FAN BEING TESTED BE RUNNING. THE PERFORMANCE ENGINEER REQUESTED THE CONTROL ROOM OPERATOR TO PLACE THE CONTROL SWITCH FOR THE FAN BEING TESTED IN THE RUN POSITION, AND TO STOP THE OPERATING FAN. THE LICENSED CONTROL ROOM OPERATOR STARTED THE TEST FAN AND STOPPED THE RUNNING FAN, BUT DID NOT PLACE ITS CONTROL SWITCH IN AUTO.

THE FAN NOT BEING TESTED WAS AVAILABLE AT ALL TIMES AND WOULD HAVE FULFILLED ITS DESIGN FUNCTION WITH OPERATOR ACTION. VENTILATION FLOW WAS BEING SUPPLIED BY THE FAN UNDER TEST AT ALL TIMES. THE FAN UNDER TEST WOULD HAVE PERFORMED ITS DESIGN FUNCTION EVEN WHILE IT WAS BEING TESTED BUT WAS CONSIDERED INOPERABLE UNTIL THE SURVEILLANCE TEST HAD BEEN SATISFACTORILY COMPLETED. THE CHARCOAL FILTERS WERE IN SERVICE AND THE FAN WAS RUNNING DURING THE TEST. THE UNIT SUBSEQUENTLY SATISFACTORILY PASSED ITS TEST.

THE PROCEDURE HAS BEEN CHANGED TO REQUIRE THE CONTROL SWITCH FOR THE FAN NOT BEING TESTED BE PLACED IN AUTO. IN ADDITION, THE OPERATIONS DEPARTMENT WILL REVIEW AND INTERFACE ALL OF THE PERFORMANCE TEST PROCEDURES IN ORDER TO CORRECT PROCEDURAL ERRORS SUCH AS THIS.



INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT
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July 19, 1984

United States Nuclear Regulatory Commission
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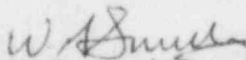
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Docket No. 50-315

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 84-011-0

Sincerely,


W.G. Smith, Jr.
Plant Manager

/cbm

Attachment

cc: John E. Dolan
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