

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) DONALD C. COOK NUCLEAR PLANT UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 3 1 5	PAGE (3) 1 OF 0 1
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TITLE (4)
ACTUATION OF ENGINEERED SAFETY FEATURE

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 1	2 9	8 5	8 5	0 0 4	0 0	0 2	2 5	8 5		0 5 0 0 0
										0 5 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	<input type="checkbox"/> 20.402(b)	<input checked="" type="checkbox"/> 20.406(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
POWER LEVEL (10) 0 0 8	<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)
	<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vi)	<input type="checkbox"/> OTHER (Specify in Abstract below and in Text NRC Form 765A)
	<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	
	<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)	
	<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME T. A. KRIESEL - TECHNICAL PHYSICAL SCIENCES SUPERINTENDENT	TELEPHONE NUMBER AREA CODE 6 1 6 4 6 5 - 5 9 0 1
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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)

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

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

ON JANUARY 29, 1985 AT 1521 HOURS WITH THE REACTOR IN MODE 1 AT 8 PERCENT POWER, A HIGH ALARM WAS RECEIVED ON THE LOWER CONTAINMENT RADIATION MONITOR (ERS-1401) THAT RESULTED IN A CONTAINMENT ISOLATION, AN AUTOMATIC ACTUATION OF AN ENGINEERED SAFETY FEATURE (TECHNICAL SPECIFICATION 3.3.2.1, TABLE 3.3-4, ITEM 3.C.3).

REACTOR POWER WAS BEING INCREASED CAUSING THE CONTAINMENT AIRBORNE ACTIVITY TO TREND UPWARD. THE SETPOINT FOR THE ERS-1401 HIGH ALARM WAS 9.53E-2 MICRO CURIES WHICH IS 1.2 TIMES THE LAST TEN MINUTE AVERAGE. TECHNICAL SPECIFICATION REQUIRES A SETPOINT VALUE LESS THAN OR EQUAL TO 2 TIMES THE BACKGROUND. THE ALARM RESULTED IN THE AUTOMATIC CLOSURE OF THE TRAIN B CONTAINMENT ISOLATION VALVE FOR THE CONTAINMENT PRESSURE RELIEF SYSTEM (VCR-207) WHICH WAS IN SERVICE AT THIS TIME. AT THE TIME OF THIS OCCURRENCE THE CONTAINMENT PRESSURE RELIEF PROCEDURE DID NOT ADDRESS EXPECTED RESULTS OR PREPLANNED SEQUENCES AS IDENTIFIED IN 10 CFR 50.73 (A)(2)(IV).

THERE WERE NO ADVERSE CONSEQUENCES FROM THIS EVENT, ALL SYSTEM COMPONENTS FUNCTIONED AS DESIGNED.

TO PREVENT RECURRENCE A PROCEDURE CHANGE WILL BE MADE BY MARCH 8, 1985 TO IDENTIFY EXPECTED RESULTS OR PREPLANNED SEQUENCES WHICH WILL PREVENT THE NEED TO REPORT ANY SIMILAR EXPECTED INCIDENTS OF THIS NATURE.

PREVIOUS OCCURRENCES OF A SIMILAR NATURE INCLUDE: 50-315/84-012; 50-315/84-003; 50-316/84-010.

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INDIANA & MICHIGAN ELECTRIC COMPANY

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

February 25, 1985

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 85-004-0

Sincerely,

W.G. Smith, Jr.
Plant Manager

/cbm

Attachment

cc: John E. Dolan
J.G. Keppler, RO:III
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R.F. Kroeger
H. Brugger
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