

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 1					PAGE (3) OF 0 2	
TITLE (4) MISSED AUXILIARY BUILDING VENT SAMPLES																
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	1 8	8 5	8 5	0 0 2	0 0 0 2	8 5	D. C. COOK UNIT 2				0 5 0 0 0 3 1 6					
OPERATING MODE (9) 5			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)													
POWER LEVEL (10) 0 0 0			20.402(b)				20.406(c)				50.73(a)(2)(iv)				73.71(b)	
			20.406(a)(1)(i)				50.38(c)(1)				50.73(a)(2)(v)				73.71(c)	
			20.406(a)(1)(ii)				50.38(c)(2)				50.73(a)(2)(vi)				OTHER (Specify in Abstract Below and in Text, NRC Form 365A)	
			20.406(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)					
			20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)					
			20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)					
LICENSEE CONTACT FOR THIS LER (12)																
NAME T.A. KRIESEL - TECHNICAL/PHYSICAL SCIENCES DEPARTMENT										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 NPROS	CAUSE				SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS				
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE:)												<input checked="" type="checkbox"/> NO				

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

ON JANUARY 18, 1985 AT 1400 HOURS WITH UNIT 1 REACTOR COOLANT SYSTEM IN MODE 5 (COLD SHUTDOWN) AND UNIT 2 REACTOR COOLANT SYSTEM IN MODE 1 (OPERATING) AT 100 PERCENT REACTOR THERMAL POWER, IT WAS DISCOVERED THAT TECHNICAL SPECIFICATION 3.11.2.1 SURVEILLANCE REQUIREMENT 4.11.2.1.2; TABLE 4.11.2 ITEM D TABLE NOTATION C WAS NOT MET. THIS VIOLATION OCCURRED DAILY FROM JANUARY 11, 1985 WHEN UNIT 1 WAS SHUTDOWN THROUGH JANUARY 17, 1985 WHEN THE REQUIRED DAILY AUXILIARY BUILDING VENT SAMPLE (FOLLOWING EACH SHUTDOWN, STARTUP OR SIMILAR OCCURRENCE WHICH LEADS TO A SIGNIFICANT INCREASE OR DECREASE IN RADIOIODINE IN THE REACTOR COOLANT SYSTEM) WAS NOT TAKEN AS REQUIRED BY THE TABLE NOTATION. THE "ROUTINE" WEEKLY ANALYSIS, CONDUCTED ON JANUARY 16, 1985 PER TECHNICAL SPECIFICATION 3.11.2.1 SURVEILLANCE REQUIREMENT 4.11.2.1.2 TABLE 4.11-2 ITEM D INDICATED NO ABNORMAL IODINE LEVEL ON THE VENT STACK.

AS A CORRECTIVE ACTION, THE REQUIRED DAILY SAMPLES WERE COLLECTED AND ANALYZED ON JANUARY 18, 1985 AND JANUARY 19, 1985. THE JANUARY 18, 1985 AND JANUARY 19, 1985 SAMPLES ALSO INDICATED NO ABNORMAL IODINE LEVELS ON THE VENT STACK SAMPLES.

TO PREVENT RECURRENCE THE SURVEILLANCE REQUIREMENT HAS BEEN ADDED TO THE CHEMICAL SECTION SURVEILLANCE SCHEDULE AND PROCEDURES ARE BEING REVISED TO INCLUDE THE REQUIREMENT FOR INCREASED VENT STACK SURVEILLANCE FOLLOWING A SIGNIFICANT CHANGE IN REACTOR COOLANT IODINE LEVELS.

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PDR ADOCK 05000315
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1) DONALD C. COOK NUCLEAR PLANT UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 3 1 5	LER NUMBER (6)			PAGE (3)		
		YEAR 8 5	SEQUENTIAL NUMBER 0 0 2	REVISION NUMBER 0 0			
		0 5 0 0 0 3 1 5			8 5 — 0 0 2 — 0 0 0 2 OF 0 2		

TEXT (If more space is required, use additional NRC Form 388A's) (17)

ON JANUARY 18, 1985 AT 1400 HOURS WITH UNIT 1 REACTOR COOLANT SYSTEM IN MODE 5 (COLD SHUTDOWN) AND UNIT 2 REACTOR COOLANT SYSTEM IN MODE 1 (OPERATING) AT 100 PERCENT REACTOR THERMAL POWER, IT WAS DISCOVERED THAT TECHNICAL SPECIFICATION 3.11.2.1 SURVEILLANCE REQUIREMENT 4.11.2.1.2; TABLE 4.11.2 ITEM D TABLE NOTATION C WAS NOT MET. THIS VIOLATION OCCURRED DAILY FROM JANUARY 11, 1985 WHEN UNIT 1 WAS SHUTDOWN THROUGH JANUARY 17, 1985 WHEN THE REQUIRED DAILY AUXILIARY BUILDING VENT SAMPLE (FOLLOWING EACH SHUTDOWN, STARTUP OR SIMILAR OCCURRENCE WHICH LEADS TO A SIGNIFICANT INCREASE OR DECREASE IN RADIOIODINE IN THE REACTOR COOLANT SYSTEM) WAS NOT TAKEN AS REQUIRED BY THE TABLE NOTATION. THE "ROUTINE" WEEKLY SURVEILLANCE REQUIREMENT 4.11.2.1.2 TABLE 4.11-2 ITEM D INDICATED NO ABNORMAL IODINE LEVEL ON THE VENT STACK.

AFTER THE UNIT 1 SHUTDOWN ON JANUARY 11, 1985, WHICH RESULTED IN A REACTOR COOLANT IODINE SPIKE EXCEEDING 1.0 MICRO CURIES PER GRAM DOSE EQUIVALENT IODINE-131 (TECHNICAL SPECIFICATION 3.4.8) THE DAILY SAMPLES WERE NOT TAKEN AS REQUIRED.

THE REQUIREMENT FOR THE INCREASED AUXILIARY BUILDING VENT STACK SAMPLES COUPLED TO CHANGES IN REACTOR COOLANT IODINE LEVELS WAS ADDED BY TECHNICAL SPECIFICATION AMENDMENT NO. 69 FOR UNIT 1 AND AMENDMENT NO. 51 FOR UNIT 2. THIS REQUIREMENT IS NOT CROSS-REFERENCED IN THE REACTOR COOLANT SYSTEM CHEMISTRY SPECIFICATIONS. THE TECHNICAL SPECIFICATION REQUIREMENT FOR INCREASED SAMPLING WAS NEVER IDENTIFIED AND INCLUDED IN ANY SURVEILLANCE/PROCEDURE.

AS CORRECTIVE ACTION, DAILY SAMPLES WERE COLLECTED AND ANALYZED ON JANUARY 18, 1985 AND JANUARY 19, 1985.

TO PREVENT RECURRENCE, THE SURVEILLANCE REQUIREMENT HAS BEEN ADDED TO THE CHEMICAL SECTION SURVEILLANCE SCHEDULE AND PROCEDURES ARE BEING REVISED TO INCLUDE THE REQUIREMENT FOR INCREASED VENT STACK SURVEILLANCE FOLLOWING A SIGNIFICANT CHANGE IN REACTOR COOLANT IODINE LEVELS. THESE REVISIONS TO THE CHEMICAL SECTION SURVEILLANCE SCHEDULE AND PROCEDURES WILL BE IMPLEMENTED BY FEBRUARY 27, 1985. IN ADDITION, SUBSEQUENT TO THE ISSUANCE OF AMENDMENT NO. 69 FOR UNIT 1 AND AMENDMENT NO. 51 FOR UNIT 2, A PLANT PROCEDURE WAS ISSUED WHICH REQUIRES TECHNICAL SPECIFICATIONS AMENDMENTS BE ASSIGNED TO A LEAD DEPARTMENT, TO REVIEW FOR CHANGES REQUIRED FOR COMPLETE IMPLEMENTATION, TO ASSURE NO PROBLEMS OF THIS TYPE OCCUR.

REVIEW OF THE ROUTINE SEVEN DAY SAMPLING ANALYSIS AND THE JANUARY 18 AND 19 DAILY SAMPLES INDICATED VALUES IN THE RANGE EXPECTED DURING OPERATION WITH RCS IODINE LEVELS LESS THAN 1.0 MICRO CURIES DOSE EQUIVALENT IODINE-131. THE HEALTH AND SAFETY OF THE PUBLIC WERE NOT AFFECTED.



INDIANA & MICHIGAN ELECTRIC COMPANY

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

February 13, 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 85-002-0

Sincerely,

W.G. Smith, Jr.
Plant Manager

/cbm

Attachment

cc: John E. Dolan
J.G. Keppler, RO:III
M.P. Alexich
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H. Brugger
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