

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
DONALD 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)
MODE 5 SHUTDOWN MARGIN SURVEILLANCE GRACE PERIOD EXCEEDED

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	6	02	84	84	015	0	0	07	02	84	0 5 0 0 0
											0 5 0 0 0

OPERATING MODE (9) 5

POWER LEVEL (10) 0, 0, 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)

20.402(b)	20.406(a)(i)(ii)	20.406(a)(i)(iii)	20.406(a)(i)(iv)	20.406(a)(i)(v)	20.406(c)	50.36(a)(1)	50.36(c)(2)	50.73(a)(2)(i)	50.73(a)(2)(ii)	50.73(a)(2)(iii)	50.73(e)(2)(iv)	50.73(e)(2)(v)	50.73(e)(2)(vii)	50.73(e)(2)(viii)(A)	50.73(e)(2)(viii)(B)	50.73(e)(2)(ix)	73.71(b)	73.71(c)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)

LICENSEE CONTACT FOR THIS LER (12)

NAME
T. A. KRIESEL - TECHNICAL PHYSICAL SCIENCES DEPARTMENT

TELEPHONE NUMBER
AREA CODE 616 4651-5901

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUF. TURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUF. TURER	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)

ON JUNE 2, 1984, at 0620 HOURS, WITH THE REACTOR COOLANT SYSTEM IN MODE 5, THE MODE 5 SHUTDOWN MARGIN DETERMINATION SURVEILLANCE GRACE PERIOD WAS EXCEEDED AS A RESULT OF A LATE SAMPLE ANALYSIS ON THE REACTOR COOLANT SYSTEM BORON CONCENTRATION. THIS EXCEEDED BY 35 MINUTES THE GRACE PERIOD OF 3.25 TIMES THE 24-HOUR SURVEILLANCE PERIOD FOR THREE CONSECUTIVE SURVEILLANCES, AS PER SPECIFICATION 4.0.2.b. THIS TECHNICAL SPECIFICATION VIOLATION OCCURRED WHEN THE SCHEDULED REACTOR COOLANT SYSTEM SAMPLE WAS NOT TAKEN BY CHEMICAL LABORATORY PERSONNEL DURING THE REQUIRED TIME FRAME. THE CAUSE OF THIS PERSONNEL ERROR WAS DETERMINED TO BE INADEQUATE FOLLOWUP WHEN DIFFICULTY WAS ENCOUNTERED WHILE ATTEMPTING TO TAKE THE SCHEDULED SAMPLE. APPROPRIATE ADMINISTRATIVE MEASURES WERE TAKEN, PERSONNEL INVOLVED WERE REINSTRUCTED AND SAMPLE FREQUENCY WAS INCREASED TO PREVENT RECURRENCE. A REACTOR COOLANT SAMPLE TAKEN AT 0655 HOURS ON JUNE 2, 1984 SHOWED THE BORON CONCENTRATION TO BE 2159 PPM. THE REQUIRED BORON CONCENTRATION FOR SHUTDOWN MARGIN WAS 1620 PPM. THEREFORE, PROPER SHUTDOWN MARGIN WAS MAINTAINED AND THERE WERE NO SAFETY CONSEQUENCES OR IMPLICATIONS RESULTING FROM THIS EVENT. THE HEALTH AND SAFETY OF THE PUBLIC WAS NOT AFFECTED.

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INDIANA & MICHIGAN ELECTRIC COMPANY

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

July 2, 1984

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 84-015-0

Sincerely,

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

/cbm

Attachment

cc: John E. Dolan
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