

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9602270033 DOC. DATE: 96/02/20 NOTARIZED: NO DOCKET #
 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316
 AUTH. NAME AUTHOR AFFILIATION
 SCHOEPP, P. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 96-002-00: on 960120, 0210 spurious train A CVI signal
 received. Caused by faulty computer board. Board replaced.
 W/960220 ltr.

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Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901



February 20, 1996

United States Nuclear Regulatory Commission
Document Control Desk
Rockville, Maryland 20852


Operating Licenses DPR-74
Docket No. 50-316

Document Control Manager:

In accordance with the criteria established by 10 CFR 50.73 entitled Licensee Event Report System, the following report is being submitted:

96-002-00

Sincerely,


A. A. Blind
Site Vice President

/clc

Attachment

c: H. J. Miller, Region III
E. E. Fitzpatrick
P. A. Barrett
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M. A. Bailey - Ft. Wayne
S. J. Brewer
M. R. Padgett
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NRC Resident Inspector

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PDR ADOCK 05000316
S PDR

LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)
Donald C. Cook Nuclear Plant - Unit 2DOCKET NUMBER (2)
05000 316

Page 1 of 1

TITLE (4)

Train A Containment Radiation Monitor Causes Two Spurious Isolation Signals

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
01	20	96	96	-- 002 --	00	02	20	96	None	
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)							
1			20.2201(b)			20.2203(a)(3)(i)			50.73(a)(2)(iii)	
POWER LEVEL (10)			20.2203(a)(1)			20.2203(a)(3)(ii)			x 50.73(a)(2)(iv)	
100			20.2203(a)(2)(i)			20.2203(a)(4)			50.73(a)(2)(v)	
			20.2203(a)(2)(ii)			50.36(c)(1)			50.73(a)(2)(vii)	
			20.2203(a)(2)(iii)			50.36(c)(2)			50.73(a)(2)(viii)(A)	
			20.2203(a)(2)(iv)			50.73(a)(2)(i)			50.73(a)(2)(viii)(B)	
			20.2203(a)(2)(v)			50.73(a)(2)(ii)			50.73(a)(2)(x)	
			(Specify in Abstract below and in Text, NRC Form 366A)							

LICENSEE CONTACT FOR THIS LER (12)

NAME

Paul Schoepf, Plant Engineering Superintendent

TELEPHONE NUMBER (Include Area Code)

616/465-5901, x2408

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

X	YES	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
				04	01	96

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On January 20, 1996 at 0414 hours with Unit 2 in Mode 1 at 100 percent Rated Thermal Power, a spurious Train A Containment Ventilation Isolation (CVI) signal was received during a routine containment pressure relief. The CVI signal automatically closed Containment Isolation Valve 2-VCR-107 and terminated the pressure relief. After determining no high radiation alarms or abnormal radiation conditions existed, the Train A CVI signal was reset and the pressure relief was restarted and successfully completed. On February 10, 1996 at 0225 hours with Unit 2 in Mode 1 at 100 percent Rated Thermal Power, another spurious Train A CVI signal was received. The Train A CVI signal was discovered at 0819 hours when 2-VCR-107 would not open while attempting to perform a containment pressure relief. No cause could be determined, and no actual high radiation alarms or abnormal radiation conditions existed. The CVI signal was reset, allowing the containment pressure relief to be performed.

In both events, routine source checks actuated the CVI signal. The problem is originating from the Containment Lower Compartment Train A Radiation Monitor, 2-ERS-2300. Interim actions have been taken to ensure that source checks are performed with the 2-ERS-2300 CVI switch in the block position to prevent spurious CVI signals. The events had no actual or potential adverse impact on the health or safety of the public. On February 13, 1996, troubleshooting revealed a faulty computer board to be creating a spurious high alarm, which would create the CVI. The board was replaced and the results of the repair are being monitored. This is an interim report. The final report is expected to be submitted by April 1, 1996.