

CATEGORY 1

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ACCESSION NBR: 9805270314 DOC. DATE: 98/05/18 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M. 05000315
 AUTH. NAME AUTHOR AFFILIATION
 CARRUTH, R. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 SAMPSON, J.R. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 98-023-00: on 980416, identified that train A associated cable & train B associated cable electrically & physically connected. Caused by inadequate instructions. Event reported IAW 10CFR50.72(b)(ii)(b). W/980518 ltr.

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 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

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American Electric Power
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901



May 18, 1998

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Operating Licenses DPR-58
Docket No. 50-315

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:

98-023-00

Sincerely,

A handwritten signature in cursive script, reading 'J. R. Sampson', is written over a horizontal line.

J. R. Sampson
Site Vice President

/mbd

Attachment

c: A. B. Beach, Region III
J. R. Sampson
P. A. Barrett
S. J. Brewer
R. Whale
D. Hahn
Records Center, INPO
NRC Resident Inspector

IE-221

9805270314 980518
PDR ADOCK 05000315
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 (MNB 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 1DOCKET NUMBER (2)
50-315

Page 1 of 1

TITLE (4)

Interim LER - Potential Single Failure Due to Cross Train Routing of Non-Safety Related Cables

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
04	16	98	98	-- 023 --	00	05	18	98	Donald C. Cook - Unit 2	50-316
									FACILITY NAME	DOCKET NUMBER
									FACILITY NAME	DOCKET NUMBER

OPERATING MODE (9)	5	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)			
POWER LEVEL (10)	0	20.2201(b)	20.2203(a)(3)(i)	50.73(a)(2)(iii)	73.71(b)
		20.2203(a)(1)	20.2203(a)(3)(ii)	50.73(a)(2)(iv)	73.71(c)
		20.2203(a)(2)(i)	20.2203(a)(4)	50.73(a)(2)(v)	OTHER
		20.2203(a)(2)(ii)	50.36(c)(1)	50.73(a)(2)(vii)	(Specify in Abstract below and in Text, NRC Form 366A)
		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)	X 50.73(a)(2)(ii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME

Mr. Robert Carruth - Electrical Design Manager

TELEPHONE NUMBER (Include Area Code)

616/697-5146

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)

☒ YES
(If yes, complete EXPECTED SUBMISSION DATE).

NO

EXPECTED
SUBMISSION
DATE (15)

MONTH	DAY	YEAR
07	31	98

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

Cable separation standards require that non-safety related cables, if routed with safety related cables, cannot later be routed with a second trains' safety related cables. This practice reduces the risk due to a potential single failure of a non-safety related cable which could render both safety trains' cables inoperable. On April 16, 1998, it was identified that a train A associated cable and a train B associated cable are electrically and physically connected and this introduces the potential of a single failure (short circuit) involving both trains. The affected cables are not safety related cables but have been routed in safety related cable ways and are considered safety associated.

To date approximately 100 non-safety related control cables have been identified with this potential concern. The investigation is continuing and is approximately 75 percent complete for Unit 1's associated cables and 50 percent complete for Unit 2's associated cables. Once the individual cables have been identified an analysis of the significance of each cable cross training will be determined and appropriate corrective actions taken. The cause of the potential single failure condition is attributed to inadequate instructions contained in the implementing standard dealing with associated cables.

This event was reported in accordance with 10 CFR 50.72(b)(2)(I), as a condition which was found while the reactor was shutdown, which if it had been found while the reactor was operating, would have resulted in the nuclear power plant being in an unanalyzed condition, outside the design basis. The ENS notification was made at 1413 hours EST on April 16, 1998. This LER is being submitted in accordance with 10 CFR 50.73(a)(2)(ii)(B). A follow-up report will be submitted by July 31, 1998.