

CATEGORY 1

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ACCESSION NBR: 9808060127 DOC. DATE: 98/07/31 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 AUTH. NAME AUTHOR AFFILIATION
 CARRUTH, R. American Electric Power Co., Inc.
 SAMPSON, J. R. American Electric Power Co., Inc.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 98-023-01: on 980416, potential single failure due to cross train routing of non-safety related cables was noted. Cause unknown. Investigations are in rept preparation stage revised LER is expected by 980831.W/980731 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



July 31, 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:

98-023-01

Sincerely,

A handwritten signature in dark ink, appearing to read 'John R. Sampson', with a long horizontal flourish extending to the right.

J. R. Sampson
Site Vice President

/mbd

Attachment

c: C. J. Paperiello (Acting), Region III
J. R. Sampson
P. A. Barrett
S. J. Brewer
R. Whale
D. Hahn
Records Center, INPO
NRC Resident Inspector

9808060127 980731
PDR ADDCK 05000315
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EXPIRES 04/30/98

LICENSEE EVENT REPORT (LER)

(See reverse for required number of
digits/characters for each block)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY INFORMATION COLLECTION REQUEST: 50.0 HRS. REPORTED LESSONS LEARNED ARE INCORPORATED INTO THE LICENSING PROCESS AND FED BACK TO INDUSTRY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F33), 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) Cook Nuclear Plant Unit 1										DOCKET NUMBER (2) 50-315		PAGE (3) 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 Donald C. Cook - Unit 2		DOCKET NUMBER 50-316				
04	16	98	98	-- 023	-- 01	07	31	98	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)		00		20.2201 (b)				20.2203(a)(2)(v)				50.73(a)(2)(i)		50.73(a)(2)(viii)	
				20.2203(a)(1)				20.2203(a)(3)(i)				<input checked="" type="checkbox"/> 50.73(a)(2)(ii)		50.73(a)(2)(x)	
				20.2203(a)(2)(i)				20.2203(a)(3)(ii)				50.73(a)(2)(iii)		73.71	
				20.2203(a)(2)(ii)				20.2203(a)(4)				50.73(a)(2)(iv)		OTHER	
				20.2203(a)(2)(iii)				50.36(c)(1)				50.73(a)(2)(v)		Specify in Abstract below or in NRC Form 366A	
				20.2203(a)(2)(iv)				50.36(c)(2)				50.73(a)(2)(vii)			
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)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR	
<input checked="" type="checkbox"/>	YES (If Yes, complete EXPECTED SUBMISSION DATE).					<input type="checkbox"/>	NO				08	31	98		
Abstract (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)															
<p>On April 16, 1998, with Units 1 and 2 in Cold Shutdown, it was determined that a cable separation concern existed with non-safety related cables run in safety related cableways. It was identified that a Train A associated cable and a Train B associated cable were electrically and physically connected, introducing the potential of a short circuit single failure involving both trains. 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. The 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. The ENS notification was made at 1413 hours EDT on April 16, 1998.</p> <p>An interim LER for this event was submitted on May 18, 1998. At that time the investigation into this concern was between 50 and 75 percent complete, depending on the unit, and had identified approximately 100 non-safety related control cables of potential concern. The investigation into the cable routing has been conducted in coordination with the investigation into the load shed cable concern reported in LER 315/98-016-00 and -01. The investigations are in the report preparation stage, and it is expected that LER 315/98-023-02, for cable separation, will be submitted by August 31, 1998, in coordination with the final LER for the LER 315/98-016 series for load shed.</p>															