

# CATEGORY 1

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9802120287      DOC. DATE: 98/02/03      NOTARIZED: NO      DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315  
 AUTH. NAME:      AUTHOR AFFILIATION  
 SCHOEPP, P.      American Electric Power Co., Inc.  
 SAMPSON, J.R.      American Electric Power Co., Inc.  
 RECIPIENT NAME      RECIPIENT AFFILIATION

SUBJECT: LER 98-001-00: on 980104, containment air recirculation sys  
 flow testing results indicate condition outside design  
 basis. Investigation & evaluation of event is ongoing. Update  
 to interim LER is to be issued 980306.W/980203 ltr.

DISTRIBUTION CODE: IE22T      COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2  
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American Electric Power  
Cook Nuclear Plant  
One Cook Place  
Bridgman, MI 49106  
616 465 5901



February 3, 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:

98-001-00

Sincerely,

A handwritten signature in cursive script, reading 'John R. Sampson'.

John R. Sampson  
Site Vice President

/t/m

Attachment

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

IC 2001



7802120287 980203  
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 (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 1DOCKET NUMBER (2)  
50-315PAGE (3)  
1 OF 1

TITLE (4) Containment Air Recirculation System Flow Testing Results Indicate Condition Outside the Design Basis

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	04	98	98	001	00	02	03	98	Donald C. Cook Nuclear Plant	50-316																									
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)																																
5			<table border="1"><tr><td>20.2201(b)</td><td>20.2203(a)(3)(i)</td><td>50.73(a)(2)(iii)</td><td>73.71(b)</td></tr><tr><td>20.2203(a)(1)</td><td>20.2203(a)(3)(ii)</td><td>50.73(a)(2)(iv)</td><td>73.71(c)</td></tr><tr><td>20.2203(a)(2)(i)</td><td>20.2203(a)(4)</td><td>50.73(a)(2)(v)</td><td>OTHER</td></tr><tr><td>20.2203(a)(2)(ii)</td><td>50.36(c)(1)</td><td>50.73(a)(2)(vii)</td><td rowspan="4">(Specify in Abstract below and in Text, NRC Form 366A)</td></tr><tr><td>20.2203(a)(2)(iii)</td><td>50.36(c)(2)</td><td>50.73(a)(2)(viii)(A)</td></tr><tr><td>20.2203(a)(2)(iv)</td><td>50.73(a)(2)(1)</td><td>50.73(a)(2)(viii)(B)</td></tr><tr><td>20.2203(a)(2)(v)</td><td>X 50.73(a)(2)(ii)</td><td>50.73(a)(2)(x)</td></tr></table>								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)(1)	50.73(a)(2)(viii)(B)	20.2203(a)(2)(v)	X 50.73(a)(2)(ii)	50.73(a)(2)(x)
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POWER LEVEL (10)																																			
0																																			

## LICENSEE CONTACT FOR THIS LER (12)

NAME  
Mr. Paul Schoepf - Safety Engineering Mechanical Systems ManagerTELEPHONE NUMBER (Include Area Code)  
616/465-5901  
Extension 2408

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs

## SUPPLEMENTAL REPORT EXPECTED (14)

X	YES (If yes, complete EXPECTED SUBMISSION DATE).	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
				03	06	98

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

This is an interim licensee event report (LER). This interim report is being submitted under 10 CFR 50.73(a)(2)(ii) as a condition outside the design basis. The report identifies that both Unit 1 and Unit 2 containment air recirculation systems did not perform as specified in the updated final safety analysis report (UFSAR).

On January 4, 1998 containment air recirculation system testing was initiated. The testing was being performed as corrective action relative to an event reported in LER 316/97-009-00, "Blockage of Containment Air Recirculation Inlet Line Results in Condition Outside Design Basis." The testing was to confirm that required flows could be demonstrated for both containment air recirculation systems on both units.

Initial results on the Unit 1 fan #1 indicated that flow rates from various parts of containment were lower than values specified in the UFSAR. This condition was reported on January 5, 1998 at 0040 hours. Subsequent testing and notifications were made for the Unit 1 fan #2, Unit 2 fan #1, and Unit 2 fan #2, on January 5, 1998 at 1900 hours, January 19, 1998 at 1310 hours, and January 20, 1998 at 1821 hours, respectively. In each case, initial testing indicated that low flow conditions existed in at least one localized portion of containment.

Investigation and evaluation of this event is ongoing. An update to this interim LER is to be issued by March 6, 1998.