

# CATEGORY

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ACCESSION NBR: 9803200006      DOC. DATE: 98/03/13      NOTARIZED: NO      DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315  
 AUTH. NAME      AUTHOR AFFILIATION  
 SCHOEPP, P.      Indiana Michigan Power Co.  
 SAMPSON, J. R.      Indiana Michigan Power Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: LER 98-007-00: on 980211, determined that ice condenser weights used to determine compliance, not representative. Caused by greater than expected ice loss. Collecting weights of baskets not recently weighted. W/980313 1tr.

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Indiana Michigan  
Power Company  
Cook Nuclear Plant  
One Cook Place  
Bloomington, IN 47403



March 13, 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:

98-007-00

Sincerely,

J. R. Sampson  
Site Vice President

/mbd

Attachment

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

9803200006 980313  
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- Ice Condenser Weights Used to Determine Technical Specification Compliance Not Representative

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
02	11	98	98	007	00	03	13	98	Cook, Unit 2	50-316
									FACILITY NAME	DOCKET NUMBER
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)							
5			20.2201(b)		20.2203(a)(3)(i)		50.73(a)(2)(iii)		73.71(b)	
POWER LEVEL (10)			20.2203(a)(1)		20.2203(a)(3)(ii)		50.73(a)(2)(iv)		73.71c	
0			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. Paul Schoepf, Mechanical Systems Manager

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  
(If yes, complete EXPECTED SUBMISSION DATE).

NO

EXPECTED SUBMISSION DATE (15)

MONTH DAY YEAR  
05 01 98

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

On February 11, 1998, it was determined that the ice condenser weights used to determine compliance with Technical Specifications may not constitute a representative sample. This was determined reportable under 10CFR50.72 (b) (2) (i), and an ENS notification was made at 1618 hours on February 11, 1988. This interim LER is being submitted under 10CFR50.73 (a) (2) (ii) as an unanalyzed condition that could significantly compromise plant safety.

Technical Specifications require that the ice condenser be divided into three groups of baskets and that the average ice weight of sample baskets from radial rows 1, 2, 4, 6, 8, and 9 in each group contain at least 1333 pounds (lbs)/basket at a 95 percent confidence level. (Note: during the recent outage we received a Technical Specification amendment that changed the requirement from 1220 lbs/basket to 1333 lbs/basket). In addition, the Technical Specifications require a total ice condenser ice weight of 2,590,000 pounds. Compliance with the Technical Specifications had previously been demonstrated by a statistical analysis of sample ice basket weights which were considered representative, even though some baskets are unweighable, as acknowledged by both the Technical Specifications and the UFSAR. Visual surveys of ice baskets indicate that some baskets in both units, predominantly in radial rows 9, but also radial row 8 and azimuthal row 5, show greater than expected ice loss due to sublimation.

Both units' ice condensers are presently inoperable due to ongoing maintenance. We are currently collecting data on the weights of baskets that have not been weighed recently to determine whether the current sample is representative for both units. An update to this interim LER will be issued by May 1, 1998.