

CATEGORY

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9804100260 DOC. DATE: 98/04/03 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 AUTH. NAME AUTHOR AFFILIATION
 SCHUEFP, P. Indiana Michigan Power Co.
 SAMPSON, J. R. Indiana Michigan Power Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 98-006-01: on 980225, determined that ice basket weighing option may be potential unanalyzed condition. Cause indeterminate. Updated LER will be submitted by 980531.

DISTRIBUTION CODE: IE22T COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2
 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

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Indiana Michigan
Power Company
Cock Nuclear Plant
One Cock Place
Bridgman, MI 49106



April 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:

98-006-01

Sincerely,

A handwritten signature in cursive script, appearing to read 'J. R. Sampson'.

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

9804100260 980403
PDR ADOCK 05000315
S PDR

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IE 22

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 (MNB87714), 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 Basket Weighing Option Results in Potential Unanalyzed Condition

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	25	98	98	-- 006 --	.01	04	03	98	Cook - Unit 2	50-316
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)		73.71e	
			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, Safety Related Mechanical 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 NRPDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS

SUPPLEMENTAL REPORT EXPECTED (14)

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

NO

EXPECTED
SUBMISSION
DATE (15)

MONTH	DAY	YEAR
05	31	98

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

On February 25, 1998, an ENS notification was made in accordance with 10CFR50.72(b)(2)(i), for a condition found while the reactor was shutdown, which if it had been found while the reactor was operating, could have resulted in the plant being in an unanalyzed condition. This notification was the result of an issue raised in late January, 1998, regarding the basis for a step in the ice basket weighing procedure which allowed for up to 60 baskets to be unpinned at a time for weighing during modes 3 and 4. A search for the basis for the procedural step was conducted and no documentation could be located. It was subsequently determined that the plant could have been in an unanalyzed condition during the periods when that specific portion of the procedure was performed.

Ice baskets are no longer unpinned during modes 3 and 4. Cognizant plant personnel recall that this procedural step has not been used in more than ten years. Archive records have been searched, and it cannot be established from these records when the last time baskets may have been unpinned in this manner. Basket unpinning is no longer necessary for the performance of the weighing procedure and the procedure has been revised to eliminate this option.

The safety significance of a basket ejection during a postulated accident has been partially evaluated by Westinghouse. It was determined that if unobstructed baskets are not secured at the bottom rim, they could eject 13'5" into the upper plenum area of the ice condenser due to postulated accident blowdown forces. The upward displacement would not be enough to open steam bypass flow routes around the ice bed during the initial dynamic phase of the accident blowdown, and the ice would remain in the upper portion of the ice condenser for heat removal during the long term heat decay phase of the LOCA. The significance of potential impacts of baskets on the intermediate deck structure will require further evaluation.

An update to this interim LER will be submitted by May 31, 1998.

