

CATEGORY

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9804100181 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
 SCHOEPP, P. 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 98-012-00: on 980305, 1/4 inch particulate requirement was not maintained. Cause unknown. Design change package is being developed to ensure that 1/4 inch particulate retention requirement is met for flowpath.w/980403 ltr.

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One Cock Place
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April 3, 1998

United States Nuclear Regulatory Commission
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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:

98-012-00

Sincerely,

A handwritten signature in cursive script that reads '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

9804100181 980403
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IE22

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-1/4 Inch Particulate Requirement Not Maintained

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
03	05	98	98	-- 012 --	00	04	03	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)	73.71o
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)(1)			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 ManagerTELEPHONE NUMBER (Include Area Code)
616/465-5901, x2408

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

CA US	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS

SUPPLEMENTAL REPORT EXPECTED (14)

<input checked="" type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE).	<input type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
			05	15	98

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

On March 5, 1998, it was determined that the 1/4 inch particulate retention requirement for the containment recirculation sump was not properly established in 1979 following sump modifications. This was determined reportable under 10CFR50.72 (b) (2) (I), and an ENS notification was made at 1851 hours on March 5, 1988. This interim LER is being submitted under 10CFR50.73 (a) (2) (ii) (B) as a condition outside of the design basis of the plant.

In 1979 modifications were performed on the containment recirculation sump. One of the modifications involved moving a 1/4 inch retention element from inside the recirculation sump to the entrance of the sump. When the retention element was moved, the 1/4 inch retention requirement was not fully addressed and pathways exceeding the 1/4 inch requirement were inadvertently established. LER 97-018-01 described pathways which were created. While assessing the significance of debris found in the Unit 1 ice condenser ice melt system filter, an additional pathway was identified. It has been recognized that the ice condenser main drain lines have a smaller separate drain for minor leakage which connects the ice condenser to inside the containment sump. The containment sump connects to the recirculation sump via an 8 inch drain line, therefore, the drain line bypasses the screens at the entrance of the recirculation sump. The 8 inch drain line does not meet the 1/4 inch particulate requirement. This bypass flowpath represents a condition outside the plant's design basis for maintaining the 1/4 inch particulate retention requirement.

A design change package is being developed to ensure that the 1/4 inch particulate retention requirement is met for this flowpath. The requirement will be met prior to restart. The significance of the debris found in the Unit 1 ice condenser is being evaluated. An update to this interim LER will be issued by May 15, 1998.