

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9710170035 DOC. DATE: 97/10/10 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.
 BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 RECIP. NAME: RECIPIENT AFFILIATION:

SUBJECT: LER 97-020-00: on 970910, containment recirculation sump inlet venting configuration was not maintained following sump mods. Caused by incorrectly identified vent holes. Five vent holes have been reestablished. W/971010 ltr.

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

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD3-3 PD	1 1	HICKMAN, J	1 1
INTERNAL:	AEOD/SPD/RRAB	2 2	AEOD/SPD/RRAB	1 1
	FILE CENTER	1 1	NRR/DE/ECGB	1 1
	NRR/DE/EELB	1 1	NRR/DE/EMEB	1 1
	NRR/DRCH/HHFB	1 1	NRR/DRCH/HICB	1 1
	NRR/DRCH/HOLB	1 1	NRR/DRCH/HQMB	1 1
	NRR/DRPM/PECB	1 1	NRR/DSSA/SPLB	1 1
	NRR/DSSA/SRXB	1 1	RES/DET/EIB	1 1
	RGN3 FILE 01	1 1		
EXTERNAL:	L ST LOBBY WARD	1 1	LITCO BRYCE, J H	1 1
	NOAC POORE, W.	1 1	NOAC QUEENER, DS	1 1
	NRC PDR	1 1	NUDOCS FULL TXT	1 1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LISTS OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL DESK (DCD) ON EXTENSION 415-2083

FULL TEXT CONVERSION REQUIRED

TOTAL NUMBER OF COPIES REQUIRED: LTTR 24 ENCL 24

C
A
T
E
G
O
R
Y

1

D
O
C
U
M
E
N
T

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



October 10, 1997

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:

97-020-00

Sincerely,

A. A. Blind
Site Vice President

/mbd

Attachment

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

9710170035 971010
PDR ADDCK 05000315
S PDR



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.

DOCKET NUMBER (2)
50-315

Page 1 of 1

TITLE (4)

Interim LER - Failure to Maintain Recirculation Sump Vent Configuration Results in Condition Outside the Design Bases

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 Cook Unit 2	DOCKET NUMBER 50-316
09	10	97	97	-- 020 --	00	10	10	97	FACILITY NAME	DOCKET NUMBER
OPERATING MODE (9)		5	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 101.6: (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)		73.71(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)(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 NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

X	YES	NO	SUBMISSION DATE (15)	11	17	97
---	-----	----	-------------------------	----	----	----

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

On September 10, 1997, with both units in Mode 5, cold shutdown, it was discovered that the containment recirculation sump inlet venting configuration was not maintained following sump modifications. This was determined to be reportable under 10CFR50.72(b)(2)(i), as a degraded condition found while shutdown, and an ENS notification was made at 1845 hours the same day. This interim LER is submitted under 10CFR50.73(a)(2)(ii), as a condition outside the design bases.

The need to vent potentially trapped air from the inlet section of the recirculation sump was identified in 1979. To accomplish this, five 3/4" holes were drilled in the roof slab of the inlet section. Air would thus be vented before it could become entrained in the water flow exiting the sump to the suction of the Emergency Core Cooling System and Containment Spray System pumps. When the holes were found during the Unit 2 1996 refueling outage, they were incorrectly identified as abandoned equipment holes that exceeded the 1/4" particulate retention requirements for the recirculation sump. The Unit 2 vent holes were filled during the same outage and the Unit 1 holes were identified and filled during the 1997 refueling outage.

The five 3/4" vents holes have been reestablished in the recirculation sump inlet roof slab, and a 1/4" particulate retention elements have been installed on the vent holes. Physical modification of the recirculation sump has been completed. Documentation of the physical attributes and bases of the recirculation sump venting features is currently being revised. An update to this interim LER will be submitted by November 17, 1997, after completion of the investigation and analysis of this event.