

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9711190309 DOC.DATE: 97/11/14 NOTARIZED: NO DOCKET #
 FACIL: 50-31; Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 AUTH.NAME AUTHOR AFFILIATION
 SCHOEPP, P. Indiana Michigan Power Co.
 BLIN, A.A. Indiana Michigan Power Co.
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: LER 97-020-00: is being canceled. W/971114 ltr.

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Indiana Michigan
Power Company
Cock Nuclear Plant
One Cock Place
Brogman, WI 49106



November 14, 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:

97-020-01

Sincerely,

A handwritten signature in cursive script, appearing to read 'A. A. Blind'.

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

2-3221

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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)
50-315

Page 1 of 1

TITLE (4)
LER Retraction - Recirculation Sump Vent Configuration

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
09	10	97	97	-- 020 --	01	11	14	97	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)	73.71(c)
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)(vi)	(Specify in
			20.2203(a)(2)(iii)			50.36(c)(2)			50.73(a)(2)(vii)(A)	Abstract below
			20.2203(a)(2)(iv)			50.73(a)(2)(i)			50.73(a)(2)(vii)(B)	and in Text,
			20.2203(a)(2)(v)			X 50.73(a)(2)(ii)			50.73(a)(2)(x)	NRC Form 366A)

LICENSEE CONTACT FOR THIS LER (12)

NAME
Mr. Paul Schoepf, Safety Related Mechanical Engineering SuperintendentTELEPHONE 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)

YES	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
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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. Specifically, five 3/4 inch vent holes drilled in the roof of the sump inlet section were plugged during the Unit 2 1996 and Unit 1 1997 outages. This was determined to be reportable under 10 CFR 50.72(b)(2)(i) as a degraded condition found while shutdown, and an ENS notification was made at 1845 hours EDT the same day.

Alden Labs performed the original containment recirculation sump study which resulted in the installation of the vent holes. Upon further review of the sump design, and consultation with Alden Labs, we have determined that the vent holes were installed as an enhancement to the sumps. Alden Labs modeled the sump to study vortex formation and observed air bubbles collecting at the top slab of the inlet section of the sump. Although the sump performed acceptably as modeled, a recommendation was made by Alden Labs to install vents for the inlet section which was accomplished by drilling five 3/4 inch holes in the top slab of the sump during the first refueling outage on Unit 2 and the fourth refueling outage on Unit 1. Based on a review of the Alden Labs report and subsequent correspondence with them, it was affirmed that the vents were installed as a performance enhancement, and are not necessary for operability of the sump. As the holes are not necessary for adequate sump performance, the plant was still within its design basis with the holes plugged. Therefore, the Licensee Event Report dated September 10, 1997, as LER 315/97-020-00 is being retracted.