

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9504190098 DOC. DATE: 95/04/13 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 AUTH. NAME AUTHOR AFFILIATION
 WEBER, G.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 BLIND, A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 94-015-00: on 941230, motor for East-Motor driven AF pump
 was not capable of extended operation to support post
 accident conditions. Caused by vibration that caused
 equipment removal. Removed 1E MDAFP from svc. W/950413 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
PD3-1 PD	1 1	HICKMAN, J	1 1
INTERNAL: AEOD/SPD/RAB	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/DISP/PIPB	1 1	NRR/DOPS/OECB	1 1
NRR/DRCH/HHFB	1 1	NRR/DRCH/HICB	1 1
NRR/DRCH/HOLB	1 1	NRR/DRSS/PRPB	2 2
NRR/DSSA/SPLB	1 1	NRR/DSSA/SRXB	1 1
RES/DSIR/EIB	1 1	RGN3 FILE 01	1 1
EXTERNAL: L ST LOBBY WARD	1 1	LITCO BRYCE, J H	2 2
NOAC MURPHY, G.A	1 1	NOAC POORE, W.	1 1
NRC PDR	1 1	NUDOCS FULL TXT	1 1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL
 DESK, ROOM P1-37 (EXT. 504-2083) TO ELIMINATE YOUR NAME FROM
 DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

FULL TEXT CONVERSION REQUIRED
 TOTAL NUMBER OF COPIES REQUIRED: LTTR 27 ENCL 27

Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901



April 13, 1995

United States Nuclear Regulatory Commission
Document Control Desk
Rockville, Maryland 20852

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:

94-015-00

Sincerely,

A handwritten signature in cursive script that reads 'A. A. Blind'.

A. A. Blind
Plant Manager

/pl

Attachment

c: J. B. Martin, Region III
E. E. Fitzpatrick
P. A. Bailey - Ft. Wayne
NRC Resident Inspector
J. B. Hickman - NRC
J. R. Padgett
G. Charnoff, Esq.
D. Hahn
INPO
S. J. Brewer

9504190098 950413
PDR ADCK 05000315
S PDR

TE221

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

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 (MNSB 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 PLANTDOCKET NUMBER (2)
05000 315PAGE (3)
1 OF 1TITLE (4) THE MOTOR FOR THE EAST-MOTOR DRIVEN AUXILIARY FEEDWATER PUMP WAS NOT CAPABLE
OF EXTENDED OPERATION TO SUPPORT POST ACCIDENT CONDITIONS

EVENT DATE (5)			LER NUMBER (6)			REPORT NUMBER (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
12	30	94	94	015	00	04	13	95		05000
									FACILITY NAME	DOCKET NUMBER
										05000

OPERATING MODE (9)	1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)			
POWER LEVEL (10)	100	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
		20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
		20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER
		20.405(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	Specify in Abstract below and in Text, NRC Form 366A
		20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
		20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)
NAME
G. A. WEBER - PLANT ENGINEERING SUPERINTENDENTTELEPHONE NUMBER (include Area Code)
616-465-5901

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)				EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
X	YES if yes, complete EXPECTED SUBMISSION DATE:		NO		05	31	95

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

On December 30, 1994, with Unit 1 at 100 percent Rated Thermal Power and surveillance testing of the 1 East Motor Driven Auxiliary Feedwater Pump (1E MDAFP) in progress, high vibration was noted on the outboard motor bearing, along with the smell of smoke. The 1E MDAFP was removed from service and the motor was replaced. The equipment was tested and returned to service on December 31, 1994.

The degraded motor was returned to the manufacturer for inspection and repair. Upon disassembly it was noted that the outboard motor sleeve bearing was worn on the inboard shoulder area, indicating that the area had carried a thrust load for which it was not designed. The vibration which prompted the equipment's removal from service in December was determined to have been caused by the bearing wear, however, the investigation is ongoing to determine the cause of the bearing wear itself. Until the cause is determined, the possibility exists that the pump was in a degraded condition prior to the December 30th event. Because the 1E MDAFP did not actually fail but was conservatively removed from service, the ability of the 1E MDAFP to continue operating with a degraded motor bearing is also being evaluated.

This event is being reported on an interim basis under 10 CFR 50.73(a)(2) potentially as a condition prohibited by the Technical Specifications, as the 1E MDAFP motor may not have been capable of extended operation prior to the December 30, 1994 event. The investigation is scheduled to be completed by May 10, 1995, and an updated report will be submitted by May 31, 1995.