

CATEGORY 1

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 AUTH. NAME: AUTHOR AFFILIATION
 GEBBIE, J. Indiana Michigan Power Co.
 SAMPSON, J.R. Indiana Michigan Power Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 98-057-00: on 981228, discovered that AFW valves were not tested IAW inservice testing program. Caused by failure to recognize design bases features re AFWs by personnel. Updated LER will be submitted by 990415. With 990127 ltr.

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January 27, 1999

United States Nuclear Regulatory Commission
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Washington, DC 20555

Operating License 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 interim report is being submitted:

LER 315/98-057-00, "Auxiliary Feedwater Valves Not Tested In Accordance With Inservice Testing Program"

No commitments were identified in this submittal.

Sincerely,


J. R. Sampson
Site Vice President

/mbd
Attachment

c: J. L. Caldwell (Acting), Region III
R. P. Powers
P. A. Barrett
D. F. Kunsemiller
R. Whale
D. Hahn
Records Center, INPO
NRC Resident Inspector

9902040026 990127
PDR ADOCK 05000315
S PDR

LICENSEE EVENT REPORT (LER)

(See reverse for required number of
digits/characters for each block)ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY
INFORMATION COLLECTION REQUEST: 500 HRS. REPORTED LESSONS LEARNED ARE
INCORPORATED INTO THE LICENSING PROCESS AND FED BACK TO INDUSTRY
FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND
RECORDS MANAGEMENT BRANCH (T-6 F33), 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)

Cook Nuclear Plant Unit 1

DOCKET NUMBER (2)

05000-315

PAGE (3)

1 of 1

TITLE (4)

Auxiliary Feedwater Valves Not Tested In Accordance With Inservice Testing Program

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
12	28	1998	1998	-- 057 --	00	01	27	1999	DC Cook - Unit 2	05000-316
OPERATING MODE (9)		5	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)							
POWER LEVEL (10)		000	20.2201 (b)		20.2203(a)(2)(v)		<input checked="" type="checkbox"/>		50.73(a)(2)(i)	50.73(a)(2)(viii)
			20.2203(a)(1)		20.2203(a)(3)(i)				50.73(a)(2)(ii)	50.73(a)(2)(x)
			20.2203(a)(2)(i)		20.2203(a)(3)(ii)				50.73(a)(2)(iii)	73.71
			20.2203(a)(2)(ii)		20.2203(a)(4)				50.73(a)(2)(iv)	OTHER
			20.2203(a)(2)(iii)		50.36(c)(1)				50.73(a)(2)(v)	Specify in Abstract below or on NRC Form 366A
			20.2203(a)(2)(iv)		50.36(c)(2)				50.73(a)(2)(vii)	

LICENSEE CONTACT FOR THIS LER (12)

NAME

Mr. Joel Gebbie, Safety Related Mechanical Engineering Supervisor

TELEPHONE NUMBER (Include Area Code)

616/465-5901 x1543

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX

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
			04	15	1999

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

During an Inservice Testing (IST) Program assesment performed in December 1998, plant personnel identified several valves in the Auxiliary Feedwater (AFW) System that should have been tested in accordance with American Society of Mechanical Engineers (ASME) Section XI but were not tested as required. The specific valves include the Auxiliary Feedwater Pump Suction Check Valves and the Auxiliary Feedwater Pump Emergency Leakoff Valves.

As a result of the missed IST Program testing, the requirements for Technical Specification (TS) 4.0.5 were not satisfied. On December 28, 1998, this condition was determined to be reportable. Therefore, this interim report is being submitted in accordance with 10 CFR 50.73(a)(2)(i)(B) as a condition prohibited by plant Technical Specifications.

The proximate cause of this event is failure to recognize design bases features related to the AFW System by personnel who developed the ASME Section XI program requirements. The AFW Pump Suction Check valves were not included in the testing program because personel did not recognize that the valves were a barrier between a safety-related and non-safety-related system. The AFW Pump Emergency Leakoff Valves were previously included in the program, but were incorrectly considered to have a passive safety function when testing requirements were established. Therefore, the valves were not tested in the closed direction. Further review has shown that the emergency leakoff valves may be required to perform an active closure function and should be tested in the closed direction.

Investigation into this condition is continuing, and is expected to be complete by March 31, 1999. An update to this interim LER will be submitted by April 15, 1999.