

CATEGORY 1

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ACCESSION NBR: 9902090054 . DOC. DATE: 99/02/01 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 AUTH. NAME . AUTHOR AFFILIATION
 ARENT, G. Indiana Michigan Power Co.
 SAMPSON, J.R. Indiana Michigan Power Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 98-060-00: on 991231, identified that RT sys response time testing did not comply with TS definition. Caused by inadequate procedures. Corrective actions will be developed & update to LER will be submitted by 990415. With 990201 ltr.

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 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

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February 1, 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 315/98-060-00, "Interim - Reactor Trip System Response Time Testing Does Not Comply With Technical Specification Requirement".

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

9902090054 990201
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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: 50.0 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-8 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)	DOCKET NUMBER (2)	PAGE (3)
Cook Nuclear Plant Unit 1	05000-315	1 of 1

TITLE (4)
Interim - Reactor Trip System Response Time Testing Does Not Comply With Technical Specification Requirement

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	31	1998	1998	--060--	00	02	01	1999	Cook Unit 2	05000-316	
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)(2)(v)		<input checked="" type="checkbox"/> 50.73(a)(2)(i)	50.73(a)(2)(viii)	
POWER LEVEL (10)			20.2203(a)(1)				20.2203(a)(3)(i)		50.73(a)(2)(ii)	50.73(a)(2)(x)	
00			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	TELEPHONE NUMBER (Include Area Code)
Mr. Gordon Arent, Licensing Manager	(616) 697-5064

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).	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
			04	05	1999

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

On December 31, 1998, plant personnel identified that Reactor Trip System Response Time (RTSRT) testing did not comply with the Technical Specification (TS) definition of RTSRT. Upon further review of the TS requirements for the Reactor Trip System, it was determined on December 31, 1998, that TS surveillance requirements for the RTSRT was not performed in accordance with Technical Specification (TS) 4.3.1.1.3. TS Definition 1.22 states that the RTSRT is considered to be the interval from when a monitored parameter exceeds its trip setpoint at the channel sensor until the loss of stationary gripper coil voltage. TS 4.3.1.1.3 requires that the RTSRT of each reactor trip function be demonstrated to be within its limit at least once per 18 months. The testing to demonstrate compliance with the TS 4.3.1.1.3 surveillance requirement would be accomplished by channel test measurements, as stated in the TS bases. Surveillance test procedures used to comply with the TS surveillance requirement measures the response time from the initiation of the channel sensor trip to the the opening of the reactor trip breakers. However, these procedures do not measure the response time from the opening of the reactor trip breakers to the loss of stationary gripper coil voltage. Therefore, the surveillance requirement of TS 4.3.1.1.3 has not been met. In accordance with 10CFR50.73(a)(2)(i)(B), this interim LER is being submitted as a condition prohibited by the plant's TS.

The proximate cause of this condition is inadequate procedures, which were apparently based on the definition of reactor trip system response time. There is currently an ongoing evaluation of the significance and root cause of this event. Corrective actions will be developed based on the results of the evaluation. It is anticipated that an update to this LER will be submitted by April 5, 1999.

