

# CATEGORY 1

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ACCESSION NBR: 9901120098      DOC. DATE: 99/01/04      NOTARIZED: NO      DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315  
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 SAMPSON, J. R.      Indiana Michigan Power Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: LER 98-054-00: on 981202, discovered that at least one MSSV had not been reset as required by TS. Engineering is continuing review of extent of condition for event. Updated LER will be submitted by 990129. With 990104 ltr.

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January 4, 1999

United States Nuclear Regulatory Commission  
Document Control Desk  
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 315/98-054-00, "Main Steam Safety Valve Not Reset as Required by Technical Specifications".

No commitments were identified in this submittal.

Sincerely,

A handwritten signature in cursive script that reads "John R. Sampson".

J. R. Sampson  
Site Vice President

/mbd  
Attachment

c: J. L. Caldwell (Acting), Region III  
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Records Center, INPO  
NRC Resident Inspector

9901120098 990104  
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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-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) <b>Cook Nuclear Plant Unit 1</b>										DOCKET NUMBER (2) <b>05000-315</b>		PAGE (3) <b>1 of 1</b>		
TITLE (4) <b>Interim - Main Steam Safety Valve Not Reset as Required by Technical Specifications</b>														
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 <b>Cook Unit 2</b>		DOCKET NUMBER <b>05000-316</b>			
<b>12</b>	<b>02</b>	<b>1998</b>	<b>1998</b>	<b>-- 054 --</b>	<b>00</b>	<b>01</b>	<b>04</b>	<b>1999</b>	FACILITY NAME		DOCKET NUMBER			
OPERATING MODE (9)		<b>5</b>		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)										
POWER LEVEL (10)		<b>000</b>		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 <b>Mr. Frank Pisarsky, Production Engineering Manager</b>										TELEPHONE NUMBER (Include Area Code) <b>(616) 465-5901, x2607</b>				
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)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input checked="" type="checkbox"/> YES	(If Yes, complete EXPECTED SUBMISSION DATE).					<input type="checkbox"/> NO			<b>01</b>	<b>29</b>	<b>1999</b>			
Abstract (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)														
<p>On December 2, 1998, with Units 1 and 2 in Mode 5, Cold Shutdown, Engineering determined that the procedures used for controlling the main steam safety valve (MSSV) set points had allowed at least one MSSV to be left in operation without adjusting its set point as required by Technical Specifications (TS) Surveillance Requirement 4.7.1.1. The TS requires that an MSSV set point be reset (as-left) if, during testing (as-found), it is not within 1 per cent of its nominal set point value. TS Table 4.7-1 establishes that an MSSV is operable if its set point is within 3 percent of its nominal value. When the TS requirements were incorporated into the set point control procedures, the set point values were rounded using normal arithmetic rounding methods. Thus for some of the MSSVs the procedures allowed as-left set point deviations of as much as 0.35 pounds per square inch gage (psig), and unreported as-found deviations of as much as 0.45 psig.</p> <p>MSSV testing data recorded since September 1994 was reviewed. This review identified that, during the period of review, only one safety valve had been found or left with a set point outside of TS requirements. MSSV 1-SV-1A-3 had been left with a set point of 1076 psig, above the maximum allowed set point of 1075.65 psig. This was within the range of set points required for operability of 1033.05 to 1096.95 psig. Similar incorrect allowable ranges of set points were identified in several LERs as old as 1987. Engineering is continuing its review of the extent of condition for this event. In accordance with 10CFR50.73(a)(2)(i)(B), this condition is being reported as a condition prohibited by the plant's TS. Current expectations are to submit an update to this LER by January 29, 1999.</p>														

