

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
LaSalle County Station Unit 1

DOCKET NUMBER (2)  
0 5 0 0 0 3 7 3

PAGE (3)  
1 OF 0 3

TITLE (4)  
Missed Tech Spec Instrument Surveillances

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 NAMES	DOCKET NUMBER(S)		
01	22	85	85	009	00	02	14	85	LaSalle Unit 2	0 5 0 0 0 3 7 4		
										0 5 0 0 0		

OPERATING MODE (9) 1

POWER LEVEL (10) 0 8 1 5

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)

20.402(b)	20.408(a)	80.73(a)(2)(iv)	73.71(b)
20.408(a)(1)(i)	80.38(a)(1)	80.73(a)(2)(v)	73.71(e)
20.408(a)(1)(ii)	80.38(a)(2)	80.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 308A)
20.408(a)(1)(iii)	X 80.73(a)(2)(i)	80.73(a)(2)(vii)(A)	
20.408(a)(1)(iv)	80.73(a)(2)(ii)	80.73(a)(2)(vii)(B)	
20.408(a)(1)(v)	80.73(a)(2)(iii)	80.73(a)(2)(viii)	
20.408(a)(1)(vi)	80.73(a)(2)(iv)	80.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME John C. Klika, extension 533

TELEPHONE NUMBER 8 1 5 3 5 7 1 6 7 6 1

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
A	B D	Z Z Z Z	Z Z Z Z	N					
D	B G	Z Z Z Z	Z Z Z Z	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

On January 22, 1985, permission to calibrate the RHR SDC Suction Pressure Switch (2E12-N018) was requested in order to complete testing required for a Station Work Request. Upon investigation by the Shift Control Room Engineer, it was determined that there was no assigned calibration or functional test procedure as required by Tech Specs. This switch is required to monitor the high/low pressure boundary of the SDC suction header for leakage. Further investigations found that the setpoint information on the Instrument Data Sheet for this switch allowed setpoints to be set higher than the LCO requirements. Both Units' SDC Suction Header switches were found not to have been functionally tested on a monthly frequency and the Unit 2 switch had exceeded its 18 month calibration frequency. The investigation also found that the High Pressure Core Spray (HPCS) system suction header pressure switch Instrument Data Sheets had setpoint data which allowed the suction to be left higher than the LCO limit. The last time it was calibrated it was left at 100.05 psig which was .05 psig higher than the LCO limit of 100 psig. The applicable procedures are being drafted/revised to conform with these Tech Spec requirements and have been added to the Surveillance Scheduling Program. Switches found out of tolerance were also recalibrated to conform with the LCO's.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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TEXT (If more space is required, use additional NRC Form 306A's) (17)

I. EVENT DESCRIPTION

At 0900 on January 22, 1985, an Instrument Technician was getting approval to do a calibration on the Residual Heat Removal (RHR, B0) Shutdown Cooling Suction Pressure Switch (2E12-N018) to satisfy test requirements of Work Request L39952. The Shift Control Room Engineer (SCRE) informed the Instrument Maintenance Foreman that this switch, as well as the corresponding switch on Unit 1 (1E12-N018) should be covered in a surveillance procedure with an 18 month calibration and 31 day functional test frequencies in accordance with Technical Specification paragraph 4.4.3.2.2. No procedure had been written to meet these requirements. Previous calibration records showed that 2E12-N018 and 1E12-N018 were last calibrated on 10/9/82 and 3/30/84, respectively. No functional tests had been recorded.

When calibrations were conducted, the Unit 1 switch was determined to be satisfactory, whereas the Unit 2 switch was found to be above the LCO limit by 3 psig (193 psig vs  $\leq$  190 psig). The latter was due to inaccurate data sheet information which gave the setpoint requirement as  $190 \pm 4$  psig.

The basis for the setpoint is to prevent lifting the respective relief valve and thereby prevent over pressurization of the pipe. The relief valve setpoint is 220 psig. By taking into account the pressure head difference between the elevations of the pressure switch and the relief valve (4 psig), the switch would have to be set  $< 216$  psig.

During a review of the Technical Specification in question, a similar data sheet error was discovered in the surveillance for the HPCS (BG) Pump Suction Header Pressure Switch. The LCO requirement required  $\leq 100$  psig whereas the Instrument Data Sheet allowed  $100 \pm 3$  psig. The Unit 1 switch was last left at 100.05 psig.

II. CAUSE

The missing requirement was improperly identified on the Technical Specification Surveillance Matrix. The wrong switch was being tested to meet the Shutdown Cooling Suction Header Pressure Switch requirement. Instrument Procedures, LIS-NB-111(211) and LIS-NB-311(411) had been identified to meet the requirements of paragraph 4.4.3.2.2.b.1.4. The instruments tested in these surveillances were 1(2)B33-N018A/B (Shutdown Cooling System Isolation on High Reactor Pressure).

The improper setpoint information resulted from data provided in the Instrument Data Sheets supplied by the NSSS vendor.

III. PROBABLE CONSEQUENCES

The consequences of these events were minimal. The switches were set low enough to provide the action intended by the basis of the Technical Specification. Also the Shutdown Cooling Suction Header Pressure alarm on Unit 1 was observed several times in the past and all switches functioned properly when the tests were conducted.

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TEXT (If more space is required, use additional NRC Form 386A's) (17)

IV. CORRECTIVE ACTION

Immediately upon discovery of the missed surveillances and instruments out of tolerance, the switches were calibrated and functionally tested satisfactorily. Missing procedures are presently being written and those with improper tolerances are being revised at this time (AIR 01-85-67008). The new surveillances have been added to the Instrument Surveillance Schedule. Setpoints and tolerances on instruments covered by T.S. 4.4.3.2.2 were reviewed with only the two mentioned cases requiring action. No further action is necessary due to the uniqueness of these events.

V. PREVIOUS OCCURRENCES

No previous occurrences of this nature were identified.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

John C. Klika, 815/357-6761, extension 533.



**Commonwealth Edison**  
LaSalle County Nuclear Station  
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February 14, 1985

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Dear Sir:

Reportable Occurrence Report #85-009-00, Docket #050-373 is being submitted to your office in accordance with 10CFR 50.73.

*for R. D. Bishop*

G. J. Diederich  
Superintendent  
LaSalle County Station

GJD/MLD/kg

Enclosure

xc: NRC, Regional Director  
INPO-Records Center  
File/NRC

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