

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) LaSalle County Station Unit II	DOCKET NUMBER (2) 0 5 0 0 0 3 7 4	PAGE (3) 1 OF 0 3
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TITLE (4)  
Reactor Low Pressure RCIC Isolation

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)
0 7	1 9	8 4	8 4	0 3 9	0 0	0 8	1 3	8 4			0 5 0 0 0
											0 5 0 0 0

OPERATING MODE (9) 1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)									
POWER LEVEL (10) 0 8 0	20.402(b)			20.406(c)			80.73(a)(2)(iv)			73.71(b)
	20.406(a)(1)(i)			80.38(c)(1)			80.73(a)(2)(v)			73.71(c)
	20.406(a)(1)(ii)			80.38(c)(2)			80.73(a)(2)(vi)			OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iii)			80.73(a)(2)(i)			80.73(a)(2)(vii)(A)			
	20.406(a)(1)(iv)			80.73(a)(2)(ii)			80.73(a)(2)(viii)(B)			
	20.406(a)(1)(v)			80.73(a)(2)(iii)			80.73(a)(2)(ix)			

LICENSEE CONTACT FOR THIS LER (12)									
NAME John D. Bruciak, extension 323							TELEPHONE NUMBER		
							AREA CODE		
							8 1 1 5	3 1 5 7 7 1 6 7 1 1	

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS
X	BIN	LIPS	SI 31812	Y					

SUPPLEMENTAL REPORT EXPECTED (14)				EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO						

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

On 7/19/84 LaSalle Station Unit II was in Operational Condition I at approximately 80% power. At 2315 of 7/19/84 while performing LIS-NB-10 pressure switches 2E31-N022A, B, C and D were found out of tolerance in the non-conservative direction and exceeding Technical Specifications L.C.O. of 53 PSIG.

The cause for the instrument drift has not been determined.

Both Division I and II RCIC Reactor Low-Pressure isolation signals would have been functional but at a slightly reduced pressure (48 PSIG and 47.5 PSIG respectively). Safe operation of the plant was maintained at all times.

Pressure switches 2E31-N022A, B, C and D were immediately recalibrated. They have been trended via the trending program since 4/4/83. It is planned to replace the switches as part of the Environmental Qualification program.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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TEXT (If more space is required, use additional NRC Form 288A's) (17)

I. EVENT DESCRIPTION

During the performance of LIS-NB-10, "Reactor Low Pressure RCIC (BN) Isolation (JM) Calibration and Functional Test", pressure switches 2E31-N022A, 2E31-N022B, 2E31-N022C and 2E31-N022D were found out of tolerance in the non-conservative direction and exceeding the Technical Specifications Limiting Condition for Operations of 53 PSIG.

II. CAUSE

The cause for the instrument setpoint drift has not been determined. However, a point of interest is the fact that normal process fluid pressure to instruments 2E31-N022A, B, C and D is approximately 1000 PSIG, while the instrument setpoint is 105 PSIG. Both of these values would appear to be compatible with the instrument design ranges of 10 to 240 PSIG setpoint range and 1250 PSIG process fluid pressure. Regardless, the instrument repeatability appears to be questionable in this application. The pressure switches are manufactured by Static O-Ring Model #6N-AA3.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCES

On July 19, 1984, LaSalle Station Unit II was in Operational Mode I at approximately 30% power. At 2315 of 7/19/84, instruments 2E31-N022A, B, C, and D were found out of tolerance. Division I and II isolation signals would have been functional but at a slightly reduced pressure (48 PSIG and 47.5 PSIG respectively). The delay in the isolation of the RCIC System from the reactor vessel at this lower pressure could have caused the possibility of the RCIC turbine seals to leak excessively or be damaged. Any leakage, however, would have been to the secondary containment.

IV. CORRECTIVE ACTION

Pressure switches 2E31-N022A, B, C and D were immediately recalibrated and returned to service per LIS-NB-10. These switches have been trended via the trending program since 4/4/83. No conclusions have been determined explaining the switches lack of repeatability. These switches will be replaced as part of the Environmental Qualification Program (Qualification Data Sheet EQT-LS039). Replacement will be tracked via the Environmental Qualification program.

V. PREVIOUS OCCURRENCES

LER 373/83-020/03L-0  
LER 373/83-079/03L-0

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TEXT (If more space is required, use additional NRC Form 366A's) (17)

VI. NAME AND TELEPHONE NUMBER OF PREPARER

John Bruciak (815)357-6761, extension 323.



**Commonwealth Edison**  
LaSalle County Nuclear Station  
Rural Route #1, Box 220  
Marseilles, Illinois 61341  
Telephone 815/357-6761

August 13, 1984

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

Dear Sir:

Reportable Occurrence Report #84-039-00, Docket #050-374 is being submitted to your office in accordance with 10 CFR 50.73.

*CE Dargent*

*for*  
G. J. Diederich  
Superintendent  
LaSalle County Station

GJD/MLD/kg

Enclosure

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

*IE22  
1/1*