

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) LaSalle County Station Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 7 4	PAGE (3) 1 OF 9 3
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TITLE (4)  
GSEP Alert - Unit 2 Plant Shutdown Required by Technical Specifications

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	1	14	8	5	8	5	8	5	NA			0 5 0 0 0		
									NA			0 5 0 0 0		

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

OPERATING MODE (9) 1	20.402(b)	20.405(a)	80.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0 8 8	20.406(a)(1)(i)	80.38(a)(1)	80.73(a)(2)(v)	73.71(a)
	20.406(a)(1)(ii)	80.38(a)(2)	80.73(a)(2)(vii)	<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 308A)
	20.406(a)(1)(iii)	80.73(a)(2)(i)	80.73(a)(2)(viii)(A)	VOLUNTARY
	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 Ullrich, extension 571	TELEPHONE NUMBER AREA CODE: 8 1 5 3 5 7 - 6 7 6 1
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs
X	SB	PSA	501	N					

SUPPLEMENTAL REPORT EXPECTED (14)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

At 1930 on 1/14/85, the Unit 2 Automatic Depressurization system (SB) A and B out-of-service alarms were received from accumulators E and V, on the ESF status panel. At this time, the 2A Residual Heat Removal Pump (BO) was out-of-service for maintenance, therefore a GSEP Alert was declared at 2030 for Unit 2 and a Unit 2 shutdown was commenced in accordance with Technical Specification 3.0.3.

The cause of the ESF alarms was the mounting screws which hold the 2 microswitches in the pressure switch case, for an unknown reason, loosened allowing the microswitch to shift, actuating one of the switches.

Work Request L45371 and L45372 tightened the mounting screws and verified the setpoints for pressure switches 2B21-N560E and V, ADS Accumulators E and V Low Pressure Switches.

Action Item Record 1-85-67014 has been written for the Instrument Maintenance Department to verify the mounting screws are tight and that the locking material is properly installed in the remainder of the Unit 2 and all Unit 1 ADS Accumulator pressure switches. This event is being voluntarily reported due to the GSEP event.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  LaSalle County Station Unit 2	DOCKET NUMBER (2)  0 5 0 0 0 3 7 4 8 5 -	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
			0 0 4 -	0 0	0 2	OF

TEXT (If more space is required, use additional NRC Form 308A's) (17)

I. EVENT DESCRIPTION

At 1930 on January 14, 1985, the Unit 2 Automatic Depressurization system (SB) A and B Out-of-Service alarms were received from Accumulators E and V on the ESF status panel. At this time the 2A Residual Heat Removal Pump (BO) was out-of-service for maintenance, therefore a GSEP Alert was declared at 2030 for Unit 2 and a unit shutdown was commenced in accordance with Technical Specification 3.0.3. This event is being voluntarily reported due to the GSEP event.

II. CAUSE

At the time of this event, Unit 2 was at approximately 88% power. The cause of the ESF alarms was due to the screws which hold the microswitches in the case, for pressure switches 2B21-N560E and V, had loosened allowing the switches to move. This resulted in receiving the ESF alarm from one switch, but not receiving the alarm on the 2H13-P601 panel from the other switch. The reason for the mounting screws loosening could not be determined. These pressure switches are Model Number B461S manufactured by Ashcroft Gauge. Prior to this event, the 2A Residual Heat Removal Pump had been taken out-of-service for maintenance. This resulted in having less than 6 ADS valves operable with the LPCI Subsystem A inoperable. Due to a question as to which Technical Specification Action Statement to follow, the conservative action of 3.0.3 was taken and a unit shutdown was commenced.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

This event was of minimal significance because the pressure in the "V" ADS accumulator was verified to be 171 psig at 2110 hours, which is greater than the low pressure alarm, thereby making this accumulator operable. This resulted in making the Division 1 and 2 ADS systems operable, because 6 ADS valves were available. At this point the GSEP Alert was terminated because plant shutdown was no longer required. Safe operation of the plant was maintained at all times.

IV. CORRECTIVE ACTION

Work Requests L45371 and L45372 were written to recalibrate pressure switches 2B21-N560E and V, ADS Accumulators E and V Low Pressure Switches, respectively. When the calibration was performed, it was observed that the screws which hold the two microswitches into the pressure switch case had loosened. This allowed the microswitches to shift causing one of the switches to actuate which resulted in the alarm. The loosened screws also prevented the pressure switch from resetting properly when normal pressure was restored. The screws were tightened and the setpoints were verified to be correct. Action Item Record 1-85-67014 has been written to the Instrument Maintenance Department to verify that these screws are tight and that the locking material is properly installed in the remainder of the Unit 2 and all Unit 1 ADS accumulator pressure switches.

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		8 5	0 0 4	0 0	0 3	OF 0 3

TEXT (If more space is required, use additional NRC Form 308A's) (17)

V. PREVIOUS OCCURRENCES

No previous events of this type have been reported.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

John Ullrich, 815/357-6761, extension 571.



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

February 5, 1985

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

Dear Sir:

Reportable Occurrence Report #85-004-00, Docket #050-374 is being submitted to your office in accordance with 10CFR 50.73.

*R.D. Bishop*  
for G. J. Diederich  
Superintendent  
LaSalle County Station

GJD/MLD/kg

Enclosure

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

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*11*