

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 0 2
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TITLE (4)  
HPCS Pump Breaker

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 2	1 5	8 4	8 4	- 0 0	5 - 0 1	0 6	0 1	8 4			0 5 0 0 0
											0 5 0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)

OPERATING MODE (9) 4	20.402(b)	20.406(a)	80.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0 0 0	20.406(a)(1)(i)	80.38(a)(1)	<input checked="" type="checkbox"/> 80.73(a)(2)(iv)	73.71(a)
	20.406(a)(1)(ii)	80.38(a)(2)	80.73(a)(2)(v)	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)(vi)(A)		
20.406(a)(1)(iv)	80.73(a)(2)(ii)	80.73(a)(2)(vi)(B)		
20.406(a)(1)(v)	80.73(a)(2)(iii)	80.73(a)(2)(vii)		

LICENSEE CONTACT FOR THIS LER (12)

NAME R. Koenig, Extension 292	TELEPHONE NUMBER AREA CODE: 8 1 1 5 3 1 5 7 1 - 1 6 7 1 6 1 1
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFAC. TYPENR.	REPORTABLE TO NRCDS	CAUSE	SYSTEM	COMPONENT	MANUFAC. TYPENR.	REPORTABLE TO NRCDS
X	BIG	33G	0810	Y					

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 February 15, 1984, at 2100 hours, during the performance of LOS-HP-Q1 (HPCS System Inservice Test), the HPCS pump breaker failed to reclose a second time. During this time, Unit 2 reactor was in Mode 4 (cold shutdown).

The cause of this occurrence was attributed to a breaker position switch 52 LS, associated with the switchgear closing circuit. When the breaker was cycled for a second time, the breaker position switch, 52LS, failed to stay closed; this prevented the breaker closing coil from energizing and closing the breaker contacts. Normally when the breaker is racked-up, this position switch enables the closing coil circuit.

Analysis of the occurrence indicates that the breaker may not have been recognized by 52LS as being racked-in completely. Upon cycling the breaker a second time, the breaker moved down slightly in the switchgear, opening the position switch. The consequences of this event were minimal. If an injection signal (low vessel level) had been present, HPCS would have initiated as required. If, after resetting the initiation logic, another initiation signal occurred, HPCS would have failed to operate. Without HPCS initiation, LPCS and LPCI would have initiated to maintain vessel level.

The HPCS pump breaker was rerecked, and cycled 3 times from the control room with no problems observed. Subsequently, the position switch 52LS was replaced with a new switch.

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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	LER NUMBER (3):			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	0 0 5	0 1 0 2	0 2	OF 0 2

TEXT (if more space is required, use additional NRC Form 305A's) (17)

I. EVENT DESCRIPTION

On February 15, 1984, at 2100 hours, during the performance of LOS-HP-Q1 (HPCS System Inservice Test), the HPCS (BG) pump breaker failed to reclose a second time. During this time, the Unit 2 reactor was in mode 4 (cold shutdown).

II. CAUSE

The cause of this occurrence was attributed to a breaker position switch (33), 52LS, associated with the switchgear. When the breaker was cycled for a second time, the breaker position switch (33), 52LS, failed to close. This prevented the breaker closing coil from energizing and closing the breaker contacts. Normally, when the breaker is racked-up, this position switch enables the closing coil circuit. Analysis of the occurrence indicates that the breaker may not have been recognized by 52LS as being racked-in completely. Upon cycling the breaker a second time, the breaker moved down slightly in the switchgear, opening the position switch (indicating the breaker was racked-down). 52LS was found to be at the point (with the breaker racked-in) of barely being made up.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The consequences of this event were minimal. If an initiation signal (low vessel level) had been present, HPCS (BG) would have initiated as required. If, after resetting the initiation logic, another initiation signal occurred, HPCS (BG) would have failed to operate. Without HPCS (BG) initiation, LPCS (BM) and LPCI (BO) would have initiated to maintain vessel level.

IV. CORRECTIVE ACTION

Work Request L33174 was written to investigate & correct the problem. The HPCS (BG) pump breaker was rerecked and cycled 3 times from the Control Room with no problems observed. Subsequently, it was determined that the limit switch was defective. The limit switch was replaced.

V. PREVIOUS OCCURRENCES

Several occurrences of this type were experienced during the performance of the Unit 2 HPCS (BG) preoperational test.

VI. NAME AND PHONE NUMBER OF PREPARER

R.D. Koenig, (815)357-6761, Extension 292.



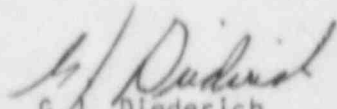
**Commonwealth Edison**  
LaSalle County Nuclear Station  
Rural Route #1, Box 220  
Marseilles, Illinois 61341  
Telephone 815/357-6761

June 1, 1984

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

Dear Sir:

Reportable Occurrence Report #84-005-01, Docket #050-374 is being submitted to your office to supercede previously submitted Reportable Occurrence Report 84-005-00.

  
G. J. Diederich  
Superintendent  
LaSalle County Station

GJD/MLD/ph

Enclosure

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

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