

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) LaSalle County Nuclear Station Unit 2										DOCKET NUMBER (2) 0 5 0 0 0 3 7 4				PAGE (3) 1 OF 2		
TITLE (4) HPCS Suction Valve Swap																
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	2	2 8	5	8 5	0 0 6	0 0	0 2	1 3	8 5					0 5 0 0 0		
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)														
1		20.402(a)				20.408(a)				<input checked="" type="checkbox"/> 90.73(a)(2)(iv)				73.71(b)		
POWER LEVEL (10)		20.408(a)(1)(i)				90.30(a)(1)				90.73(a)(2)(v)				73.71(c)		
0 8 5		20.408(a)(1)(ii)				90.30(a)(2)				90.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 305A)		
		20.408(a)(1)(iii)				90.73(a)(2)(i)				90.73(a)(2)(vii)(A)						
		20.408(a)(1)(iv)				90.73(a)(2)(ii)				90.73(a)(2)(vii)(B)						
		20.408(a)(1)(v)				90.73(a)(2)(iii)				90.73(a)(2)(viii)						
		20.408(a)(1)(vi)				90.73(a)(2)(iv)				90.73(a)(2)(ix)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME Harold T. Vinyard, extension 323										TELEPHONE NUMBER						
										AREA CODE 8 1 5 3 5 7 6 7 6 1						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC						
B	B G Z	1 9 9 9	Z 1 9 9 9	N												
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 1000 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On January 22, 1985, at 0347 with Unit 2 operating at 85% power, the HPCS pump suction valve to the condensate storage tank closed and the suction from the Suppression Pool opened.

The cause for the suction valve transfer was an actual high Suppression Pool water level. The HPCS system is designed to transfer pump suction to the Suppression Pool in the event of a high Suppression Pool water level. Since the system performed its designed function, the consequences of this event were minimal.

The Suppression Pool water level was lowered and a normal suction path from the cycled condensate storage tank was reestablished.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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

TEXT (If more space is required, use additional NRC Form 388A's) (17)

I. EVENT DESCRIPTION

On January 22, 1985, at 0347 with Unit 2 operating at 85% power, the HPCS (BG) pump suction valve to the Suppression Pool opened while the normal suction valve to the condensate storage tank (KA) closed. This is a normal action of the HPCS system when a high Suppression Pool level (700' 1" setpoint per Technical Specifications) is reached.

II. CAUSE

The cause for the suction valve transfer was attributed to actual high Suppression Pool level. The HPCS (BG) pump suction valves are designed to transfer to a suction path from the Suppression Pool when the water level reaches 26' 9 1/4". Suppression Pool level tends to drift up due to minor valve leakage and valve cycling for Operating Surveillances. The Narrow Range Suppression Pool Level Indicator is not sufficiently accurate to adequately warn the Operator to reject the pool before reaching the actuation point.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The HPCS (BG) pump normally takes a suction from the cycled condensate storage tank (KA) but will transfer its suction path to the Suppression Pool if either 1) a low water level (5' 1") exists in the condensate storage tank, or 2) a high water level (26' 9 1/4") exists in the Suppression Pool. Since the system performed its design function, the consequences of this event were minimal.

IV. CORRECTIVE ACTION

The Suppression Pool water level was lowered to normal level and the normal HPCS pump suction to the cycled condensate storage tank was restored. Suppression Pool water level is being periodically monitored locally and recorded in a special log to track pool level. This will allow the Suppression Pool level to be lowered before suction valve transfer takes place. A Work Request has been written to repair the Narrow Range Suppression Pool Level Indicator.

V. PREVIOUS OCCURRENCES

Similar occurrences are documented in LER's 374/84-078, 84-087, 85-001, 373/84-081, 84-087, 84-90, 85-002.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Harold T. Vinyard, 815/357-6761, extension 323.



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

February 13, 1985

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

Dear Sir:

Reportable Occurrence Report #85-006-00, Docket #050-374 is being submitted to your office in accordance with 10CFR 50.73.

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

GJD/MLD/kg

Enclosure

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

*IE22*  
*11*