

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
LaSalle County Station Unit 1DOCKET NUMBER (2)  
0 5 0 0 0 3 7 3 1 OF 0 2TITLE (4)  
High Suppression Pool Level HPCS Suction SwapEVENT DATE (6)  
MONTH DAY YEAR  
1 1 2 3 8 4 8 4 - 0 8 1 - 0 0 1 2 1 9 8 4THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)  
OPERATING MODE (8) 4  
POWER LEVEL (10) 9 0 0  
20.402(b) 20.408(a) 20.408(a)(1)(i) 20.408(a)(1)(ii) 20.408(a)(1)(iii) 20.408(a)(1)(iv) 20.408(a)(1)(v)  
20.408(a)(2)(i) 20.408(a)(2)(ii) 20.408(a)(2)(iii) 20.408(a)(2)(iv) 20.408(a)(2)(v)  
20.408(a)(2)(vi) 20.408(a)(2)(vii) 20.408(a)(2)(viii) 20.408(a)(2)(ix) 20.408(a)(2)(x)  
73.71(b) 73.71(c) OTHER (Specify in Abstract below and in Text, NRC Form 306A)LICENSEE CONTACT FOR THIS LER (12)  
NAME R. D. Koenig, extension 575  
TELEPHONE NUMBER 8 1 5 3 5 7 1 - 6 7 6 4COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)  
CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NRC  
X B G Z 9 9 9 Z 9 9 9 NSUPPLEMENTAL REPORT EXPECTED (14)  
YES (If yes, complete EXPECTED SUBMISSION DATE) X NO  
EXPECTED SUBMISSION DATE (15) MONTH DAY YEAR

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

On November 23, 1984, at 0924 hours, the Unit 1 High Pressure Core Spray (HPCS, BG) pump suction valve to the Suppression Pool opened while the normal suction valve to the CY (KA) tank closed.

The cause for the valve transfer was attributed to the high Suppression Pool level. Transfer on high Suppression Pool level is a designed function. The reason for the high Suppression Pool level is attributed to minor valve leakages and valve cycling for surveillances. The pool level was lowered, and the normal HPCS suction path was reestablished.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO 3150-0104

EXPIRES 8/31/85

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

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

I. EVENT DESCRIPTION

On November 23, 1984, at 0924 hours, the Unit 1 HPCS (BG) pump suction valve to the Suppression Pool opened, while the normal suction valve to the cycled condensate (KA) tank closed. This is a normal action which results from a high Suppression Pool level (700' 1" set point, per Technical Specifications).

II. CAUSE

The cause for the valve transfer was attributed to actual high Suppression Pool level. When the water level in the Suppression Pool reaches a level of 26' 9 1/4" the HPCS (BG) pump suction valves are designed to swap to a suction from the Suppression Pool.

The HPCS system is designed to take a normal suction from the cycled condensate (KA) tank. When the KA tank level reaches a level of approximately 5' 1" the normal suction path for the HPCS pump is changed to the Suppression Pool.

If, while taking a suction from the KA tank, the Suppression Pool level reaches a level of 26' 9 1/4", the HPCS suction valves will go to a configuration for a suction path from the Suppression Pool. The reason for the high Suppression Pool level is attributed to minor valve leakages and valve cycling for surveillances.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCES

The consequences of this event were minimal. The system operated as designed.

IV. CORRECTIVE ACTION

The Suppression Pool level was lowered to a lower level, and the normal HPCS pump suction to the KA tank was restored.

V. PREVIOUS OCCURRENCES

LER 374/84-078 describes a similar occurrence on Unit 2.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

R. D. Koenig, 815/357-6761, extension 575.



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

December 19, 1984

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

Dear Sir:

Reportable Occurrence Report #84-081-00, Docket #050-373 is being submitted to your office in accordance with 10CFR 50.73.

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

GJD/MLD/kg

Enclosure

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

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