NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
LaSalle County Nuclear Station Unit 2	0 5 0 0 0 3 7 4	1 OF 0 2

TITLE (4)
HPCS Suction Valve Swap

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR
0 1	2 2	8 5	8 5	— 0 0 6	— 0 0	0 2	1 3	8 5

OTHER FACILITIES INVOLVED (8)	
FACILITY NAMES	DOCKET NUMBER(S)
	0 5 0 0 0
	0 5 0 0 0

OPERATING MODE (9)	POWER LEVEL (10)
1	0 8 5

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

20.402(b)	20.405(c)	X 50.73(a)(2)(iv)	73.71(b)
20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
20.405(a)(1)(iii)	50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
	AREA CODE
Harold T. Vinyard, extension 323	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 NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	
B	B G	Z 9 9 9	Z 9 9 9	N							

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

ABSTRACT (Limit to 1400 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.

IE 22
1/1

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 366A'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
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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. Bucker
G. J. Diederich
Superintendent
LaSalle County Station

GJD/MLD/kg

Enclosure

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

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