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 Station Unit 1	0 5 0 0 0 3 7 3	1 OF 0 2

TITLE (4)
Unit 1 PCIS Group I Isolation Signal on Turbine Reset

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 5 0 0 0
1 1	0 6	8 4	8 4	- 0 7 3	- 0 0	1 2	0 4	8 4		0 5 0 0 0

OPERATING MODE (9)	4	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)			
POWER LEVEL (10)	0 0 0	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
R. D. Koenig, extension 575	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	
X	S B	3 3	N 0 0 7	Y							

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 November 6, 1984, at 1130 hours, while resetting the Unit 1 Turbine Logic (TA), the number 1, 3 and 4 turbine stop valves opened. This resulted in a removal of the bypass of the low condenser (SG) vacuum, Group I Isolation (JM) signal, thereby initiating a Group 1 containment isolation.

The cause for the valve movements was due to a position switch (N015) on the number two stop valve. The "Open" position switch (SVOS-2) on the Number 2 stop valve was simulating an open condition. Since the number two stop valve is the master for the one, three, and four stop valves, the open indication from SVOS-2 opened the other stop valves.

The limit switch was adjusted on valve 1B21-MSV2 and now operates as designed.

No previous occurrences of this event are known.

IE22
1/1

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

TEXT (If more space is required, use additional NRC Form 366A's) (17)

I. EVENT DESCRIPTION

On November 6, 1984, at 1130 hours, while resetting the Unit 1 turbine logic (TA), the number 1, 3 and 4 turbine stop valves opened. This resulted in a removal of the bypass of the low condenser (SG) vacuum, Group 1 isolation (JM) signal, thereby initiating a Group 1 containment isolation. Since all Group 1 isolation valves were already closed, no valve movement occurred.

II. CAUSE

The cause for the number 1, 3 and 4 stop valves' movement was due to a position switch (N015) on the number 2 stop valve.

The "open" position switch (SV0S-2) on the number 2 stop valve was simulating an open condition (the valve was actually closed). Since the number 2 stop valve is the master for the 1, 3 and 4 stop valves, the opened indication from SV0S-2 opened valves 1, 3 and 4 when the trip was reset. When the stop valves opened, the Group I isolation signal bypass was removed resulting in the isolation signal.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The consequences of this occurrence were minimal since the unit was in Cold Shutdown. If the unit had been producing steam, the control valves would have prevented any damage to the turbine and components, had the low condenser vacuum signal been present.

IV. CORRECTIVE ACTIONS

LaSalle Station Work Request L41812 was written to correct the switch problem (SV0S-2) on valve 1B21-MSV2. The switch was adjusted and operates as designed.

V. PREVIOUS OCCURRENCES

No previous LER's have been written on a turbine stop valve position switch failure.

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 4, 1984

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

Dear Sir:

Reportable Occurrence Report #84-073-00, Docket #050-373 is being submitted to your office in accordance with 10CFR 50.73.

G. J. Diederich
Superintendent
LaSalle County Station

GJD/MLD/kg

Enclosure

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

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