

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) Spurious Reactor Water Cleanup Differential Flow Isolation

EVENT DATE (6)			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)											
									NA					0 5 0 0 0											
0	6	2	5	8	4	8	4	—	0	4	0	—	0	0	0	7	1	9	8	4	0 5 0 0 0				

OPERATING MODE (B)		2		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)
POWER LEVEL (10)		20.405(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v)	73.71(c)
01013		20.405(a)(1)(ii)		50.36(c)(2)		50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
		20.405(a)(1)(iii)		50.73(a)(2)(ii)		50.73(a)(2)(vii)(A)	
		20.405(a)(1)(iv)		50.73(a)(2)(iii)		50.73(a)(2)(vii)(B)	
		20.405(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)					
NAME	TELEPHONE NUMBER				
JoAnn M. Shields, extension 330	<table border="1"> <tr> <td>AREA CODE</td> <td></td> </tr> <tr> <td>8115</td> <td>31571-1617611</td> </tr> </table>	AREA CODE		8115	31571-1617611
AREA CODE					
8115	31571-1617611				

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	JIM	Z191919	Z1919B	N							

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				

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

On June 25, 1984, at 1030 hours with Unit 1 at 3% power, and in startup mode, Unit 1 Reactor Water Cleanup (CE) system isolated on high differential flow. There were no flowpath changes or equipment rotations in progress at the time of the isolation. The reactor startup accounted for the isolation due to the temperature and pressure differences between actual startup operation and instrument calibrations. Safe plant conditions were maintained at all times.

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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 (5)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
LaSalle County Station Unit 1	0-5000373	84	040	00	02	OF 02

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

I. EVENT DESCRIPTION

On 6/25/84 at 1030 hours with Unit 1 at approximately 3% power and in Startup Mode, the Unit 1 Reactor Water Cleanup system (CE) isolated on high differential flow. There were no flowpath changes or equipment rotations in progress at the time of the isolation. There were no surveillances in progress.

II. CAUSE

The Reactor Water Cleanup system normally operates with a differential flow of 40 gpm, with system isolation at 70 gpm. The Reactor Water Cleanup flow loops, which input to the Reactor Water Cleanup differential flow isolation logic, are calibrated for the reactor operating at rated conditions. Isolations on differential flow can therefore be expected during reactor startup or shutdown, as the reactor is at less than rated conditions. On June 25, 1984, during a reactor startup, the system isolated on differential flow. After the isolation, operating personnel investigated the Reactor Water Cleanup area for leakage and found none. Operating found no abnormal conditions. For these reasons, it is believed that the reactor startup accounted for the isolation due to the temperature and pressure differences between actual startup operation and instrument calibrations.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The event was of minimal significance as the Reactor Water Cleanup system operated according to design. Safe plant conditions were maintained at all times.

IV. CORRECTIVE ACTION

All Reactor Water Cleanup procedures are being revised to warn Operators of the effect of reactor fluctuations in the system differential flow isolation logic. This item will be tracked by AIR 01-84-131.

V. PREVIOUS EVENTS

Differential flow isolations of RWCU due to differences in water temperature in various parts of the system are described in LER's 373/84-30-00 and 84-033-00, 374/84-023-00 and 84-029-00.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

JoAnn Shields, 815/357-6761, extension 330.



Commonwealth Edison
LaSalle County Nuclear Station
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July 19, 1984

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

Dear Sir:

Reportable Occurrence Report #84-040-00, Docket #050-373 is being submitted to your office in accordance with 10 CFR 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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