

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) LaSalle County Station Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 7 1 3	PAGE (3) 1 OF 0 2
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TITLE (4)
Reactor Water Cleanup Differential Flow Isolation

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		
0 9	2 1	8 4	8 4	0 5 5	0 0	1 0	1 0	8 4	NA		
									DOCKET NUMBER(S) 0 5 0 0 0		

OPERATING MODE (9) 3	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	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(c)	<input checked="" type="checkbox"/> 80.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)						
	<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 80.36(a)(1)	<input type="checkbox"/> 80.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)						
	<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 80.36(a)(2)	<input type="checkbox"/> 80.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)						
	<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 80.73(a)(2)(i)	<input type="checkbox"/> 80.73(a)(2)(viii)(A)							
	<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 80.73(a)(2)(ii)	<input type="checkbox"/> 80.73(a)(2)(viii)(B)							
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 80.73(a)(2)(iii)	<input type="checkbox"/> 80.73(a)(2)(ix)								

LICENSEE CONTACT FOR THIS LER (12)		TELEPHONE NUMBER	
NAME JoAnn M. Shields, extension 330		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 NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	
X	CLE	Z 9 9 9	Z 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 1400 spaces, i.e., approximately fifteen single space typewritten lines) (16)

On September 21, 1984, at 1647, Unit 1 Reactor Water Cleanup Isolated on high differential flow. The unit was in hot shutdown, controlling reactor vessel level through RWCU blowdown to the condenser.

No actual leaks were found. RWCU flow instruments are calibrated for rated conditions. Operation at less than design conditions causes the instruments to read conservatively.

Safe plant conditions were maintained.

Investigations into the instrument calibrations and setpoint conservatisms are being conducted.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		
		84	055	00	012	OF 02

TEXT (if more space is required, use additional NRC Form 288A's) (17)

I. EVENT DESCRIPTION

On September 21, 1984, at 1647, Unit 1 Reactor Water Cleanup (CE, RWCU) isolated on high differential flow (JM). Unit 1 was in Operating Condition 3, following a reactor scram at 1430. Reactor vessel level was being controlled by Reactor Water Cleanup blowdown to the Main Condenser (SG). Following the isolation, the RWCU areas were inspected for leaks and none were found. The system was successfully restarted on September 22, 1984, at 0045 without difficulty.

II. CAUSE

The Reactor Water Cleanup flow loops, which input to the isolation logic, are calibrated for rated temperatures and pressures. Therefore, in shutdown conditions, at less than rated conditions, isolations on differential flow can occur. No actual leaks were present.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The RWCU system isolated per design. No actual leakage was identified. Safe plant conditions were maintained at all times.

IV. CORRECTIVE ACTIONS

A review of the RWCU instrument calibrations is being conducted under AIR 01-84--67101.

A review of the General Electric isolation setpoint is being conducted under AIR 01-84-67137.

V. PREVIOUS OCCURRENCES

- | | |
|------------------|------------------|
| LER 50-373/84-23 | LER 50-374/84-29 |
| LER 50-373/84-29 | LER 50-374/84-41 |
| LER 50-373/84-30 | LER 50-374/84-44 |
| LER-50-373/84-33 | |
| LER-50-373/84-40 | |

VI. NAME AND TELEPHONE NUMBER OF PREPARER

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



Commonwealth Edison
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Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

October 11, 1984

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

Dear Sir:

Reportable Occurrence Report #84-055-00, Docket #050-373 is being submitted to your office in accordance with 10CFR 50.73.

G. J. Diederich
G. J. Diederich ^{10/14/84}
Superintendent
LaSalle County Station

GJD/MLD/lrw

Enclosure

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

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