

## LICENSEE EVENT REPORT (LER)

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

PAGE (3)

1 OF 0 2

TITLE (4)  
Reactor Water Cleanup High Differential Flow IsolationEVENT DATE (5)  
MONTH DAY YEAR  
0 6 1 2 8 4 8 4

LER NUMBER (6)

SEQUENTIAL NUMBER

REVISION NUMBER

REPORT DATE (7)

MONTH DAY YEAR

OTHER FACILITIES INVOLVED (8)

FACILITY NAMES

NA

DOCKET NUMBER(S)

0 5 0 0 0

0 5 0 0 0

OPERATING MODE (9)  
1

POWER LEVEL (10)

0 9 1

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)

20.402(b)

20.406(a)(1)(i)

20.406(a)(1)(ii)

20.406(a)(1)(iii)

20.406(a)(1)(iv)

20.406(a)(1)(v)

20.406(z)

60.36(c)(1)

60.36(c)(2)

60.73(a)(2)(i)

60.73(a)(2)(ii)

60.73(a)(2)(iii)

X

60.73(a)(2)(iv)

60.73(a)(2)(v)

60.73(a)(2)(vi)

60.73(a)(2)(vii)(A)

60.73(a)(2)(vii)(B)

60.73(a)(2)(x)

73.71(b)

73.71(e)

OTHER (Specify in Abstract below and in Text, NRC Form 366A)

LICENSEE CONTACT FOR THIS LER (12)

NAME

JoAnn Shields, extension 330

TELEPHONE NUMBER

AREA CODE

8 1 5 3 5 7 1 6 7 6 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD
X	C/E	I/R/V	L2165	N					

SUPPLEMENTAL 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 June 12, 1984, at 1432 hours, Unit 1 Reactor Water Cleanup System isolated on high differential flow. At the time of the isolation, the "A" heat exchanger string was being valved in. Excessive flow out the vent line during the fill and vent of the heat exchanger was the cause of the isolation. The event was of minimal significance as Reactor Water Cleanup operated according to design.

8407190473 840706  
PDR ADOCK 05000373  
S PDR

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED ONS NO. 3180-0104  
EXPIRES: 8/31/86

FACILITY NAME (1)  Lawville County Station Unit 1	DOCKET NUMBER (2)  05000373	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		84	032	00	02	OF	02

TEXT (If more space is required, use additional NRC Form 308A's (17))

I. EVENT DESCRIPTION

On June 12, 1984, at 1432 hours, Unit 1 Reactor Water Cleanup System (CE, RWCU) isolated on high differential flow. The "A" heat exchanger train was in the process of being valved in when the isolation occurred. The Unit was in Condition 1 at 91% power at the time.

II. CAUSE

Unit 1 reactor was operating at 91% power, running through the "C" filter demineralizer. Due to a leaky relief valve on the "B" heat exchanger string, the strings were to be swapped, so the "A" heat exchanger string was being valved in. The Equipment Attendant was performing LOP-RT-10, Reactor Water Cleanup Heat Exchanger Rotation. During the fill and vent portion of the procedure, excessive flow was going up the vent to the Reactor Building equipment drain tank, and the system isolated on high differential flow.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The event was of minimal significance as the Reactor Water Cleanup System operated according to design. Flow through the vent header discharged to the Reactor Building equipment drain tank in accordance with design. Safe plant conditions were maintained at all times.

IV. CORRECTIVE ACTIONS

The Reactor Water Cleanup system was restarted at 1800 hours on June 12, 1984, running through the "A" heat exchanger string. No further difficulties were encountered. A procedure change is outstanding on LOP-RT-10, RWCU Heat Exchanger Rotation, to include a caution to warn operators that great care is needed when performing changes on the system to prevent isolation and to leave the standby heat exchanger inlet valves open during normal operation of the other train to keep the train as filled as possible. (AIR 1-84-67099)

V. PREVIOUS EVENTS

Two other occurrences related to problems with RWCU relief valves were described in LER's 50-373/84-023-00 and 50-374/84-013-00, 84-023-00.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

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



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

July 6, 1984

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

Dear Sir:

Reportable Occurrence Report #84-032-00, Docket #050-373 is being submitted to your office in accordance with 10 CFR 50.73.

*G. J. Diederich*

*/s/*  
G. J. Diederich  
Superintendent  
LaSalle County Station

GJD/MLD/kg

Enclosure

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

*1-E22*  
*11*