

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)						DOCKET NUMBER (2)						PAGE (3)	
LaSalle County Station Unit 2						0 5 0 0 0 B 17 4						1 OF 0 2	

TITLE (4)
Reactor Water Cleanup High 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 NAME			DOCKET NUMBER (5)									
									NA			0 5 0 0 0									
0	8	3	0	8	4	8	4	0	5	7	0	0	0	9	2	8	8	4	0 5 0 0 0		

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

OPERATING MODE (9)	3	20.402(b)	20.406(a)	<input checked="" type="checkbox"/>	30.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10)	0 1 0 1 0	20.405(a)(1)(i)	30.36(a)(1)		30.73(a)(2)(v)	73.71(a)
		20.405(a)(1)(ii)	30.36(a)(2)		30.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 385A)
		20.405(a)(1)(iii)	30.73(a)(2)(i)		30.73(a)(2)(vii)(A)	
		20.405(a)(1)(iv)	30.73(a)(2)(ii)		30.73(a)(2)(vii)(B)	
		20.405(a)(1)(v)	30.73(a)(2)(iii)		30.73(a)(2)(viii)	
		20.405(a)(1)(vi)	30.73(a)(2)(iv)		30.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
John Arand, extension 463	AREA CODE 8 1 5 3 5 7 1 6 7 1 6 1

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
X	JIM	ZIZIZ	ZIZIZ	N					

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

On September 6, 1984, during Unit 2 Hot Shutdown at about 250 psig, a differential flow isolation on the Reactor Water Cleanup system occurred. After the isolation, an inspection of the system was made, but no leaks were found. The isolation resulted from density differences seen by the flow instruments. Safe plant conditions were maintained at all times. The Station staff is investigating the feasibility of instrument calibration range changes.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
LaSalle County Station Unit 2	0 5 0 0 0 3 7 4 8 4	-	0 5 7	-	0 6	0 2 OF 0 2

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

I. EVENT DESCRIPTION

On September 6, 1984, at 1800 hours, the Reactor Water Cleanup system (CE, RWCU) isolated on high differential flow (JM). Unit 2 was in Hot Shutdown, at about 250 psig. At the time of the event, vessel level was being controlled by RWCU blowdown to the condenser. After the isolation, the system was inspected for leaks, but none were found, so the system was reset at 1835 hours.

At the time, the Instrument Maintenance Department was performing a surveillance test which required the Division 2 logic to be in TEST. Therefore, only the outboard isolation valve actuated to the closed position.

II. CAUSE

The RWCU flow loops are designed for operation at rated temperatures and pressures. As a result, the various flow loops are calibrated at the appropriate water density expected during steady state operation. In the Hot Shutdown mode, however, the water will not be at rated conditions causing the instruments to read conservatively. This isolation occurred while RWCU was controlling vessel level by blowdown to the condenser.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The event was of minimal significance because the system operated according to design.

IV. CORRECTIVE ACTIONS

Both LaSalle County Station's Tech Staff and General Electric are investigating the feasibility of instrument calibration changes. (AIR 01-84-67144)

V. PREVIOUS OCCURRENCES

Previous reports of isolations resulting from blowdown operations are detailed in LER's 373/84-030-00, 84-033-00, 84-040-00, 374/84-029-00, 84-041-00, 84-044-00, 84-054-00, 84-061 00.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

John Arand, 815/357-6761, extension 330.



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

September 28, 1984

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

Dear Sir:

Reportable Occurrence Report #84-057-00, Docket #050-374 is being submitted to your office in accordance with 10CFR 50.73.

C.E. Sargent

for G. J. Diederich
Superintendent
LaSalle County Station

GJD/MLD/kg

Enclosure

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

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