

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) LaSalle County Station Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 7 4	PAGE (3) 1 OF 0 2
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TITLE (4)
Reactor Water Cleanup 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		DOCKET NUMBER(S)																																													
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">OPERATING MODE (9) 4</td> <td colspan="10">THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)</td> </tr> <tr> <td rowspan="5">POWER LEVEL (10) 0 1 0 0</td> <td>30.402(b)</td> <td>30.408(a)</td> <td><input checked="" type="checkbox"/></td> <td>80.73(a)(2)(iv)</td> <td>73.71(b)</td> </tr> <tr> <td>30.408(a)(1)(i)</td> <td>80.38(a)(1)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(v)</td> <td>73.71(a)</td> </tr> <tr> <td>30.408(a)(1)(ii)</td> <td>80.38(a)(2)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(vi)</td> <td rowspan="3">OTHER (Specify in Abstract below and in Text, NRC Form 388A)</td> </tr> <tr> <td>30.408(a)(1)(iii)</td> <td>80.73(a)(2)(i)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(vii)(A)</td> </tr> <tr> <td>30.408(a)(1)(iv)</td> <td>80.73(a)(2)(ii)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(vii)(B)</td> </tr> <tr> <td>30.408(a)(1)(v)</td> <td>80.73(a)(2)(iii)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(viii)</td> <td></td> </tr> <tr> <td>30.408(a)(1)(vi)</td> <td>80.73(a)(2)(iv)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(ix)</td> <td></td> </tr> </table>												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 1 0 0	30.402(b)	30.408(a)	<input checked="" type="checkbox"/>	80.73(a)(2)(iv)	73.71(b)	30.408(a)(1)(i)	80.38(a)(1)	<input type="checkbox"/>	80.73(a)(2)(v)	73.71(a)	30.408(a)(1)(ii)	80.38(a)(2)	<input type="checkbox"/>	80.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 388A)	30.408(a)(1)(iii)	80.73(a)(2)(i)	<input type="checkbox"/>	80.73(a)(2)(vii)(A)	30.408(a)(1)(iv)	80.73(a)(2)(ii)	<input type="checkbox"/>	80.73(a)(2)(vii)(B)	30.408(a)(1)(v)	80.73(a)(2)(iii)	<input type="checkbox"/>	80.73(a)(2)(viii)		30.408(a)(1)(vi)	80.73(a)(2)(iv)	<input type="checkbox"/>	80.73(a)(2)(ix)	
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LICENSEE CONTACT FOR THIS LER (12)

NAME Kermit C. Wittenburg, Extension 772	TELEPHONE NUMBER 8 1 5 3 5 7 7 1 6 7 1 6 1
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS
X	J M	T D S	R 2 8 1	N					

SUPPLEMENTAL REPORT EXPECTED (14)

<input checked="" type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input type="checkbox"/> NO
EXPECTED SUBMISSION DATE (15)	
1 2 0 1 8 4	

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

On August 27, 1984, at 1145 hours with Unit 2 in Cold Shutdown, the Reactor Water Cleanup (RWCU) Inboard Isolation valve 2G33-F001 closed and the Reactor Water Cleanup pumps tripped. The Control Room panel alarms indicated that the system had isolated on a spurious high differential temperature from the Riley Leak Detection Isolation system. After verifying that no abnormal condition existed the RWCU system was restarted.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO 3150-0104

EXPIRES 8/31/85

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

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

I. EVENT DESCRIPTION

On August 27, 1984, at 1145 hours, with Unit 2 in Cold Shutdown, the Reactor Water Cleanup (CE, RWCU) Inboard Isolation valve 2G33-F001 closed and the Reactor Water Cleanup pumps tripped. The Control Room panel alarms indicated that the system had isolated on a spurious high differential temperature from the Riley Leak Detection Isolation system (JM).

The 2E31-N600B module for the Division II Reactor Water Cleanup "A" pump room was observed to be the alarmed module. The alarm reset immediately. The operator read a temperature of 6°F which is below the isolation setpoint of 13°F.

II. CAUSE

The exact cause of the spurious trip is not known. No significant plant changes were occurring at the time of the event.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The system was placed in a safe condition by the isolation signal. No abnormal temperatures or leaks were found in the various RWCU equipment areas. The health and safety of plant and public personnel were maintained at all times.

IV. CORRECTIVE ACTION

Upon determining that no abnormal conditions existed in the RWCU areas, the system was restarted at 1215 hours. Members of the Technical Staff are investigating potentially related spurious isolations of the RWCU system from the Leak Detection system. The results of this action are being tracked by AIR 01-84-67089.

V. PREVIOUS OCCURRENCES

Although no previous delta temperature isolation events have occurred, this exact event for ambient sensors has occurred previously as described in LER 374/84-028-00, 84-046-00 and 84-051-00. Similar events are described in LER 84-016-00, 84-023-00, 84-026-00, 84-031-00, 84-032-00, (050-374) and LER 84-028-00 (050-373).

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Kermit C. Wittenburg, 815/357-6761, extension 772.



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

September 18, 1984

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

Dear Sir:

Reportable Occurrence Report #84-056-00, 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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