

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 High Ambient Temperature Isolation

EVENT DATE (5)			LER NUMBER (8)			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%"> <tr> <td colspan="2">OPERATING MODE (9)</td> <td colspan="10">THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)</td> </tr> <tr> <td colspan="2">1</td> <td>20.402(b)</td> <td>20.406(c)</td> <td>X</td> <td>80.73(a)(2)(iv)</td> <td>73.71(b)</td> </tr> <tr> <td colspan="2">POWER LEVEL (10) 0 1 6</td> <td>20.406(a)(1)(i)</td> <td>80.36(c)(1)</td> <td></td> <td>80.73(a)(2)(v)</td> <td>73.71(e)</td> </tr> <tr> <td colspan="2"></td> <td>20.406(a)(1)(ii)</td> <td>80.36(c)(2)</td> <td></td> <td>80.73(a)(2)(vi)</td> <td rowspan="4">OTHER (Specify in Abstract below and in Text, NRC Form 366A)</td> </tr> <tr> <td colspan="2"></td> <td>20.406(a)(1)(iii)</td> <td>80.73(a)(2)(i)</td> <td></td> <td>80.73(a)(2)(vii)(A)</td> </tr> <tr> <td colspan="2"></td> <td>20.406(a)(1)(iv)</td> <td>80.73(a)(2)(ii)</td> <td></td> <td>80.73(a)(2)(viii)(B)</td> </tr> <tr> <td colspan="2"></td> <td>20.406(a)(1)(v)</td> <td>80.73(a)(2)(iii)</td> <td></td> <td>80.73(a)(2)(ix)</td> </tr> </table>												OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)										1		20.402(b)	20.406(c)	X	80.73(a)(2)(iv)	73.71(b)	POWER LEVEL (10) 0 1 6		20.406(a)(1)(i)	80.36(c)(1)		80.73(a)(2)(v)	73.71(e)			20.406(a)(1)(ii)	80.36(c)(2)		80.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)			20.406(a)(1)(iii)	80.73(a)(2)(i)		80.73(a)(2)(vii)(A)			20.406(a)(1)(iv)	80.73(a)(2)(ii)		80.73(a)(2)(viii)(B)			20.406(a)(1)(v)	80.73(a)(2)(iii)		80.73(a)(2)(ix)
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LICENSEE CONTACT FOR THIS LER (12)

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS				
X	J	M	T	I	I	S	R	I	2	7	1	9	N

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

With LaSalle County Station Unit 2 operating at 16% power on April 23, 1984, a Division 2 Reactor Water Cleanup (CE) high ambient temperature isolation signal was received at 0810 hours. This occurred about 5 minutes after the individual temperature switches were checked for current temperature data. The data showed ambient temperatures less than 85°F which is well below the trip setpoint of 116°F.

The Reactor Water Cleanup System was checked for room leaks, and when none were found, the system was restarted. The same switches were checked again, but with the isolation test switches in "test". The same Division 2 isolation alarm as well as the high differential temperature alarm came up after 5 1/2 minutes.

A Work Request was written to find the cause of the unwarranted isolation signal and a caution card was placed to warn of the problem.

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PDR ADOCK 050C0374  
S PDR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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 8 4	SEQUENTIAL NUMBER - 0 1 6	REVISION NUMBER - 0 1 0	0 2	OF 0 2

TEXT (if more space is required, use additional NRC Form 266A (1/77))

I. EVENT DESCRIPTION

With LaSalle County Station Unit 2 operating at 16% power on April 23, 1984, a Division 2 Reactor Water Cleanup (CE) high ambient temperature isolation signal (JM) was received at 0810 hours. The individual Riley temperature switches had been taken to the "read" position about 5 minutes earlier for current temperature data per LOD-15, "Containment Isolation System Temperature Monitoring". The data had shown ambient temperatures less than 85°F which is below the trip setpoint of 116°F. After coming up, the isolation signal had immediately cleared.

II. CAUSE

The exact cause of the spurious isolation signal is not known; however, it is believed to be associated with taking one or more of the Division 2 temperature switches to the "read" position.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The system operated as designed after receiving the isolation signal and was placed in a safe condition. This type of event did not occur ten days earlier when the same switches had been read for LOD-15.

IV. CORRECTIVE ACTIONS

After ensuring that the system had isolated as designed, the unit Operator had the Reactor Water Cleanup Rooms checked for leaks. When none were found, the system was restarted at 0825 hours. The same switches were checked again, but with the isolation test switches in the "test" position. The same Division 2 isolation alarm as well as the High Differential Temperature Alarm came up after 5 1/2 minutes. The isolation test switch was then returned to normal and a Work Request written to find the cause of the isolation signal. A caution card was placed by the Division 2 switches to warn of the problem and to state that the isolation test switch should be placed in "test" before reading the temperatures. AIR 01-84-67074 tracks the completion of a supplemental LER when the actual cause is determined.

V. PREVIOUS EVENTS

This event has not occurred before either on Unit 1 or Unit 2. The high ambient temperature switches have not had a history of spurious isolations. At no time has the temperature in the various rooms been observed to be near the trip setpoints.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

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



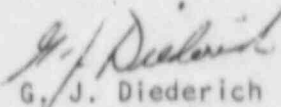
**Commonwealth Edison**  
LaSalle County Nuclear Station  
Rural Route #1, Box 220  
Marseilles, Illinois 61341  
Telephone 815/357-6761

May 16, 1984

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

Dear Sir:

Reportable Occurrence Report #84-016-00, Docket #050-374 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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