

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
LaSalle County Station Unit 2DOCKET NUMBER (2)
0 5 0 0 0 3 7 4 1 OF 0 3

TITLE (4)

Primary Containment Group I Isolation Signal

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)										
0	4	1	2	8	5	8	5	0	1	9	0	5	0	9	8	5	0	5	0	0	0

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5 (Check one or more of the following) (11)															
POWER LEVEL (10) 9 0 0	4	20.402(b)		20.406(c)	X	50.73(a)(2)(iv)		73.71(b)									
		20.406(a)(1)(i)		50.38(e)(1)		50.73(a)(2)(v)		73.71(c)									
		20.406(a)(1)(ii)		50.38(e)(2)		50.73(a)(2)(vi)		OTHER (Specify in Abstract below and in Text, NRC Form 365A)									
		20.406(a)(1)(iii)		50.73(a)(2)(i)		50.73(a)(2)(vii)(A)											
		20.406(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(vii)(B)											
20.406(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(ix)													

LICENSEE CONTACT FOR THIS LER (12)
NAME
Guy Ford, Jr., Extension 247TELEPHONE NUMBER
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 NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
A	I J	P S	S	3 8 2	N					
X	S G	F U	Z	9 9 9	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)

At 1639 on April 12, 1985, a Unit 2 Group I (JM) isolation occurred on Trip System A when O.O.S. #2-481-85 was cleared to place Main Condenser (SG) Low Vacuum Pressure Switches 2B21-N056A and 2B21-N056C back in service for testing. Since an isolation signal was already present on Trip System B due to Main Steam Line Hi Flow (IJ) switches 2E31-N008B, 2E31-N009B, 2E31-N010B, and 2E31-N011B being improperly wired up and returned to service to permit post installation testing, the PCIS Group I (JM) received a full isolation signal. Three blown fuses were replaced in the Main Condenser (SG) low vacuum logic train and the trip on the A channel was cleared on April 13, 1985. A wiring correction was made for Main Steam Line Hi Flow (IJ) switches 2E31-N008B, 2E31-N009B, 2E31-N010B, and 2E31-N011B and the trip on the "B" channel was cleared on April 15, 1985. At the time of this occurrence LaSalle Unit 2 was in Operating Condition 4, Cold Shutdown.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
LaSalle County Station Unit 2	05000374	85	019	00	02	OF	03

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

I. EVENT DESCRIPTION

At 1639 on April 12, 1985, a Unit 2 Group I (JM) isolation occurred on Trip System A when O.O.S. #2-481-85 was cleared to place Main Condenser (SG) Low Vacuum Pressure switches 2B21-N056A and 2B21-N056C back in service for testing. Since an isolation signal was already present on Trip System B due to Main Steam Line Hi Flow switches (IJ) 2E31-N008B, 2E31-N009B, 2E31-N010B and 2E31-N011B being improperly wired up following their installation to permit post installation testing, a full PCIS Group I (JM) isolation signal was received.

II. CAUSE

The cause of this event on Trip System B was that Main Steam Line Hi Flow (IJ) switches 2E31-N008B, 2E31-N009B, 2E31-N010B and 2E31-N011B had been incorrectly wired up following their installation in plant Modification M-1-2-84-136. These switches had been installed and returned to service to permit post installation testing. The cause of this event on Trip System A was a blown fuse in the logic train of Main Condenser (SG) Low Vacuum Pressure switches 2B21-N056A and 2B21-N056C. A blown fuse was also found in the logic train for Main Condenser (SG) Low Vacuum Pressure switch 2B21-N056D.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

At the time of this occurrence LaSalle Unit 2 was in Operating Condition 4, Cold Shutdown. The trip on the A channel resulted from blown fuses in the logic train which occurred after the logic train was de-energized to change out the Main Condenser (SG) Low Vacuum switches in plant Modification M-1-2-84-117. With a 1/2 isolation on Trip System A in the Main Condenser (SG) Low Vacuum logic and a 1/2 isolation on Trip System B due to Main Steam Line Hi Flow (IJ), a full isolation occurred. All Group I PCIS valves were closed before the full isolation was received.

IV. CORRECTIVE ACTION

At approximately 1030 on April 13, 1985, it was discovered that three fuses had blown in the logic train for Main Condenser (SG) Low Vacuum Pressure switches 2B21-N056A, 2B21-N056C and 2B21-N056D. The fuses were replaced and the 1/2 isolation on Trip System A was cleared. Main Condenser (SG) Low Vacuum relays K10A and K10C at panel 2H13-P609 and K10B and K10D at panel 2H13-P611 were verified to be energized.

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	- 0 1 9	- 0 0 0	3	OF	0 3

TEXT (If more space is required, use additional NRC Form 306A's) (17)

On April 15, 1985, Main Steam Line Hi Flow (IJ) Pressure switches 2E31-N008B, 2E31-N009B, 2E31-N010B and 2E31-N011B were found to be miswired (not wired per the electrical drawing) after being returned to service to permit post maintenance testing. The wiring problem was promptly corrected on April 15, 1985, and the 1/2 isolation on Trip System B was cleared. The electrical contractor initiated a nonconformance report to document the wiring error and the correction involved. All electrical contractor personnel were provided additional training on the work procedures involved, and the need for continuous vigilance to prevent occurrences of this type.

In addition, the Maintenance Department is initiating a study of possible methods which might be employed to ensure that no unanticipated actions will occur when outages are cleared prior to the completion of post maintenance testing. (AIR 374-200-85-00065)

V. PREVIOUS OCCURRENCES

None.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Guy Ford, 815/357-6761, extension 247.



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

May 9, 1985

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

Dear Sir:

Reportable Occurrence Report #85-019-00, Docket #050-374 is being submitted to your office in accordance with 10CFR 50.73.

for R.D. Bishop
G. J. Diederich
Station Manager
LaSalle County Station

GJD/DRR/kg

Enclosure

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

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