

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1):

LaSalle County Station Unit 2

DOCKET NUMBER (2):

0 5 0 0 0 3 1 7 4

PAGE (3)

1 OF 0 2

TITLE (4):

Shutdown Cooling Isolation on Blown Fuse

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 (S)
0 4	1 3	8 5	5 8	5	0 1	8	0 0	5	0 2	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(a)	20.406(c)	<input checked="" type="checkbox"/>	80.73(a)(2)(iv)	73.71(b)					
		20.406(a)(1)(i)	80.36(c)(1)	<input type="checkbox"/>	80.73(a)(2)(v)	73.71(c)					
		20.406(a)(1)(ii)	80.36(c)(2)	<input type="checkbox"/>	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)	<input type="checkbox"/>	80.73(a)(2)(vii)(A)						
		20.406(a)(1)(iv)	80.73(a)(2)(ii)	<input type="checkbox"/>	80.73(a)(2)(viii)(B)						
20.406(a)(1)(v)	80.73(a)(2)(iii)	<input type="checkbox"/>	80.73(a)(2)(ix)								

LICENSEE CONTACT FOR THIS LER (12):

NAME

Michael J. Martinovich, extension 469

TELEPHONE 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	B	I	F	U	2	9	9	9	N

SUPPLEMENTAL REPORT EXPECTED (14):

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

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

While repairing a broken lug on a pressure switch inputting to Division I Group 6 isolation, the lug grounded. This resulted in blowing a fuse to the Division I Group 6 isolation logic, thus initiating an isolation of Shutdown Cooling (BO, RHR).

A broken lug was discovered during the return to service of an outage that replaced non-qualified instruments in the logic train with environmentally qualified instruments. After clearing the outage, the electrician returned to repair the loose lug. He inadvertently grounded the lug which blew the fuse. The burned out fuse de-energized the logic which caused the isolation. All automatic actions occurred as designed. The system was walked down for leaks, fuse replaced, lug repaired and restarted. This incident is an isolated case of a spurious nature. No previous occurrences have been recorded.

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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 5	- 0 1 8	- 0 0	0 2	OF	0 2

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

I. EVENT DESCRIPTION

On April 13, 1985, while repairing a broken lug on a pressure switch inputting to Division I Group 6 isolation, the lug grounded. This grounding resulted in blowing a fuse to the Division I Group 6 isolation logic, thus initiating an isolation of Shutdown Cooling (BO, RHR). All required automatic actions took place as designed.

II. CAUSE

A broken lug was discovered during the return to service of an outage that replaced non-qualified instruments in the logic train with environmentally qualified instruments. After clearing the outage, the electrician returned to repair the loose lug. He inadvertently grounded the lug which blew the fuse. The burned out (open circuit) fuse de-energized the logic which caused the isolation.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

At the time of the isolation, LaSalle Unit 2 was in Operational Condition 4, Cold Shutdown. When the electrician inadvertently grounded the lug, all required automatic actions occurred as designed. The system was walked down for leaks, fuse replaced, and restarted. Safe plant operation was maintained at all times.

IV. CORRECTIVE ACTION

This incident is an isolated case of a spurious nature. The lug was repaired and the fuse replaced.

V. PREVIOUS OCCURRENCES

No previous occurrences have been reported.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Michael J. Martinovich, 815/357-6761, extension 469.



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

May 2, 1985

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

Dear Sir:

Reportable Occurrence Report #85-018-00, Docket #050-374 is being submitted to your office in accordance with 10CFR 50.73.

*R.D. Birk*  
for G. J. Diederich  
Station Superintendent  
LaSalle County Station

GJD/DRR/kg

Enclosure

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

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