

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) LaSalle County Station Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 7 3										PAGE (3) 1 OF 2	
TITLE (4) Reactor Scram																					
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 NA			DOCKET NUMBERS 0 5 0 0 0									
0 3	0 3	8 5	8 5	0 2 4	0 0	0 3	2 5	8 5				0 5 0 0 0									
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																			
1		20.402(a)				20.405(a)				<input checked="" type="checkbox"/> 20.73(a)(2)(iv)				72.71(b)							
POWER LEVEL (10)		20.405(a)(1)(i)				20.39(a)(1)				20.73(a)(2)(v)				72.71(c)							
9 9 8		20.405(a)(1)(ii)				20.39(a)(2)				20.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 305A)							
		20.405(a)(1)(iii)				20.73(a)(2)(i)				20.73(a)(2)(vii)(A)											
		20.405(a)(1)(iv)				20.73(a)(2)(ii)				20.73(a)(2)(viii)(B)											
		20.405(a)(1)(v)				20.73(a)(2)(iii)				20.73(a)(2)(ix)											
		20.405(a)(1)(vi)				20.73(a)(2)(iv)															
LICENSEE CONTACT FOR THIS LER (12)																					
NAME John Ullrich, extension 571										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											
C	FK	Z Z Z Z	Z Z Z Z	N																	
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR							
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)										<input checked="" type="checkbox"/> NO											

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

On March 3, 1985, the Unit 1 reactor was at 1055 MWe and ramping up in power at 10 MWe per hour. At 1654 hours a reactor scram occurred, resulting from a Turbine Control Valve Fast Closure, due to an offsite fault on transmission line 0101.

The Unit 1 reactor was operating at approximately 98% power. Due to a fault on 345 KV transmission line 0101, which opened oil circuit breakers in the switchyard (FK) causing a loss of the Unit 1 Main Transformer (EL) and Transmission Line 0101 and 0104. This resulted in a power load unbalance on the main turbine which closed the Turbine Control Valves resulting in a reactor scram.

The plant responded as designed for an event of this type. Reactor level was maintained greater than zero inches and no ECCS initiations occurred.

All required plant surveillances, required for a unit startup were performed and a normal plant recovery was commenced. Both transmission lines 0101 and 0104 were returned to service by 0900 on March 4, 1985.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO 3150-0104  
EXPIRES 8/31/85

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

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

I. EVENT DESCRIPTION

On March 3, 1985, the Unit 1 reactor plant was at 1055 MWe and ramping up in power at 10 MWe per hour. At 1654, a reactor scram resulting from Turbine Control Valve (SB) Fast Closure occurred, due to an offsite fault on transmission line 0101.

II. CAUSE

The Unit 1 reactor was operating at approximately 98% power. Due to an offsite fault on 345 KV transmission line 0101, the following switchyard (FK) oil circuit breakers opened; 1-9, 9-10, 10-11, and 11-13. The opening of these breakers resulted in the loss of the Unit 1 Main Transformer (EL) and Transmission Lines 0101 and 0104. This resulted in a power load unbalance on the main turbine (TA) which caused the Turbine Control Valves (SB) to fast close resulting in a reactor scram. At the time of this event, the Commonwealth Edison Company service territory was experiencing extremely high wind and freezing rain conditions.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The plant responded as designed for an event of this type. Following the scram, three Safety/Relief Valves opened to control the initial pressure increase, then reactor pressure was controlled by the turbine bypass valves. Reactor level was maintained greater than zero inches. No ECCS actuations occurred during this transient. Containment isolation Groups 6 and 7 were already isolated at the time of the event.

IV. CORRECTIVE ACTIONS

All required plant surveillances for a unit startup were performed and a normal plant recovery was commenced. The System Power Supply Office inspected lines 0101 and 0104 and could not determine a cause for the fault on line 0101. Both transmission lines, 0101 and 0104, were returned to service by 0900 on March 4, 1985.

V. PREVIOUS OCCURRENCES

No previous occurrences of this type event have been reported.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

John Ullrich, 815/357-6761, extension 571.



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

March 25, 1985

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

Dear Sir:

Reportable Occurrence Report #85-024-00, Docket #050-373 is being submitted to your office in accordance with 10CFR 50.73.

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

GJD/MLD/kg

Enclosure

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

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