

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 0 2	
TITLE (4) Drywell Vacuum Breaker Cycled															
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 3	0 4	8 5	8 5	0 2 5	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 5. (Check one or more of the following) (11)													
3		20.402(b)				20.406(a)				<input checked="" type="checkbox"/> 80.73(a)(2)(iv)		73.71(b)			
POWER LEVEL (10)		20.408(a)(1)(i)				80.38(a)(1)				80.73(a)(2)(v)		73.71(c)			
0 0 0		20.408(a)(1)(ii)				80.38(a)(2)				80.73(a)(2)(vi)		OTHER (Specify in Abstract below and in Text, NRC Form 305A)			
		20.408(a)(1)(iii)				80.73(a)(2)(i)				80.73(a)(2)(vii)(A)					
		20.408(a)(1)(iv)				80.73(a)(2)(ii)				80.73(a)(2)(vii)(B)					
		20.408(a)(1)(v)				80.73(a)(2)(iii)				80.73(a)(2)(x)					
LICENSEE CONTACT FOR THIS LER (12)															
NAME Kermit C. Wittenburg, extension 772										TELEPHONE NUMBER AREA CODE 8 1 5 3 5 7 1 - 6 7 6 1					
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)															
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs					
X	B F	V A C B	G 2 0 2	N											
SUPPLEMENTAL REPORT EXPECTED (14)											EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If you 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 4, 1985, at 0253 hours with the unit in Hot Shutdown, the Unit 1 Drywell Vacuum Breaker, 1PC001C, cycled open and then closed. The Reactor Core Isolation Cooling system had been operating for several hours. The exhaust steam from the RCI turbine caused a temperature/pressure rise in the Suppression Pool which caused the vacuum breaker to open. The vacuum breaker operated as required to normalize the pressure differential between the Suppression Pool and the drywell.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

TEXT (If more space is required, use additional NRC Form 285A's) (17)

I. EVENT DESCRIPTION

On March 4, 1985, at 0253 hours with Unit 1 in Hot Shutdown, the Drywell Vacuum breaker (BF) 1PC001C cycled open. By 0257 hours the vacuum breaker indicated closed.

II. CAUSE

The Reactor Core Isolation Cooling system (RCIC, BN) had been operating since 1842 hours on March 3, 1985. The exhaust steam from the RCIC turbine caused the Suppression Pool water temperature to rise from about 74 degrees F to about 89 degrees F. Despite the fact that the Suppression Pool Cooling system was also operating, the increase in the Suppression Pool temperature/pressure, caused the vacuum breaker to open on high differential pressure between the Suppression Pool and the drywell. The Suppression Pool water temperature is measured near the top of the Suppression Pool water volume. Temperature stratification effects allow the temperature of the top layer of water to increase somewhat even though Suppression Pool cooling is in operation.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The vacuum breaker operated as required to normalize the pressure differential between the drywell and the Suppression Pool.

IV. CORRECTIVE ACTION

No corrective action is required. The operation of the vacuum breaker is an expected action when RCIC is operated.

V. PREVIOUS OCCURRENCES

This exact event has not previously occurred.

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

March 25, 1985

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

Dear Sir:

Reportable Occurrence Report #85-025-00, Docket #050-373 is being submitted to your office in accordance with 10CFR 50.73.

R.D. Biehler
for 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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