

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
LaSalle County Station Unit 2

DOCKET NUMBER (2)

0 5 0 0 0 3 7 4 1 OF 0 3

TITLE (4)

Time Clock Exceeded on RCIC Isolation

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	9	84	84	063	00	0	9	84			0 5 0 0 0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8 (Check one or more of the following) (11)										
POWER LEVEL (10) 0.815	20.402(b)			20.405(e)			80.73(a)(2)(iv)			73.71(b)	
	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 385A)	
	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)(x)				

LICENSEE CONTACT FOR THIS LER (12)  
NAME  
John C. Klika, extension 533  
TELEPHONE NUMBER  
AREA CODE  
815 357-6761

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	CAUSE	SYSTEM
A	B	N	Z 9 9 9 9	N							

SUPPLEMENTAL REPORT EXPECTED (14)  
☐ YES (If yes, complete EXPECTED SUBMISSION DATE) ☒ NO  
EXPECTED SUBMISSION DATE (15)  
MONTH DAY YEAR

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

On 9/1/84 at 1158, the Unit 2 RCIC system was manually isolated due to the RCIC Pipe Tunnel Area High Temperature switch being declared inoperable. Temperature switch 2E31-N312A testing began at 0850 by placing the Division I test switch for RCIC to TEST, starting the 2 hour grace period time clock for surveillances. At 1046 the test switch was returned to NORMAL and the 2E31-N312A was declared INOPERABLE because calibrations were incomplete. The RCIC system valves were closed per Action Statement 22 of Technical Specification 3.3.2 at 1158 (8 minutes later than required by Technical Specifications).

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

I. EVENT DESCRIPTION

On September 1, 1984, at 0850 hours, the Division I test switch for RCIC (BN) leak detection isolations (JM) was placed in TEST (bypass) to allow testing on RCIC Pipe Tunnel Area High Temperature switch, 2E31-N312A. The test switch was returned to NORMAL (not bypassed) at 1046 within the 2 hour surveillance grace period allowed in Technical Specification 3.3.2. Calibration of the instrument was not complete and the temperature switch was declared inoperable. At 1125 the test switch was put in TEST again to allow completion of the calibration. At 1158 the RCIC isolation valves were closed to assure that the 2 hour time clock, thought to be in effect, would not be exceeded. The calibration of 2E31-N312A was completed at 1228 and the RCIC system was returned to normal operable status at 1245. The second 2 hour time clock, thought to be in effect, did not exist and the RCIC valves should have been closed by 1150 vs. 1158 (8 minutes late). Notification on the RCIC isolation to the NRC was made at 1400 September 1, 1984.

II. CAUSE

The cause of the error was two-fold. 1) The time allowance for conducting the temperature switch calibration is not sufficient to avoid the isolation requirements of Technical Specification 3.3.2 (2 hours + 1 hour allowed by the Action Statement) if the instrument requires adjustments. 2) Misinterpretation of the applicable notes allowing 2 hours for surveillance testing without taking the action required for "Less than Minimum Operable Channels per Trip System".

Due to the design of the temperature isolation function of several PCIS systems, including RCIC, and the nature of the instrument being calibrated, it is difficult to complete the required surveillances in a 2 hour time period allowed in the applicable sections of Technical Specifications.

In the Technical Specification in question (3.3.2), Note (b) of Table 3.3.2-1 was thought to be originally in effect. This note allows two (2) hours for surveillances before taking the action required for "less than minimum operable channels" available if another channel in that trip system is monitoring the same parameter. When the channel was declared inoperable due to an incomplete calibration, the system was put in TEST again per a note (\*) in Action Statement b which allowed 2 hours to return the instrument to operable status before taking the required action. (This applied to systems which contain only 1 channel per trip system.) In effect, this would have given 5 hours before the isolation action would be required. Contrary to this, Note (b) did not apply because there was not another channel available in that trip system to monitor the parameter in question. Therefore, the \* statement for Technical Specification 3.3.2 Action b was in effect at 0850 with isolation required by 1150.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The plant was at 85% power with no conditions existing which would require isolation of the RCIC system. Instruments monitoring the parameter in question were operable in Division II thereby providing isolation capability on the outboard RCIC valves if required. Therefore, no significant consequences existed as a result of this occurrence.

IV. CORRECTIVE ACTIONS

Clarifications of the statements allowing 2 hours for required surveillances prior to taking required actions have been made by a note in the Operating Engineers' Night Orders, and personnel involved have been made aware of their error in the Technical Specification interpretation. Future Technical Specification clarifications of allowable grace periods will be incorporated in LAP 1600-11, Control of Technical Specification Related Work Activities.

V. PREVIOUS OCCURRENCES

None.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

John C. Klika, 815/357-6761, extension 533.



**Commonwealth Edison**  
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September 24, 1984

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

Dear Sir:

Reportable Occurrence Report #84-063-00, Docket #050-374 is being submitted to your office in accordance with 10CFR 50.73.

*G. J. Diederich 9/24/84*  
G. J. Diederich  
Superintendent  
LaSalle County Station

GJD/MLD/kg

Enclosure

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

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