

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): LaSalle County Station Unit 1										DOCKET NUMBER (2): 0 5 0 0 0 3 7 3 1 OF 0 2										PAGE 18																					
TITLE (4): Reactor Water Clean-up Differential Flow 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 NUMBERS																											
06	27	84	84	043	--	01	09	85						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																																									
POWER LEVEL (10):		20.402(a)										20.406(c)										X 20.73(a)(2)(iv)										73.71(a)									
0.71		20.406(a)(1)(i)										20.36(a)(1)										20.73(a)(2)(iv)										73.71(a)									
		20.406(a)(1)(ii)										20.36(a)(2)										20.73(a)(2)(v)										OTHER (Specify in Abstract below and in Text NRC Form 306A)									
		20.406(a)(1)(iii)										20.73(a)(2)(i)										20.73(a)(2)(vii)(A)																			
		20.406(a)(1)(iv)										20.73(a)(2)(ii)										20.73(a)(2)(vii)(B)																			
		20.406(a)(1)(v)										20.73(a)(2)(iii)										20.73(a)(2)(ix)																			
LICENSEE CONTACT FOR THIS LER (12):																																									
NAME: Daniel Smythe, extension 292												TELEPHONE NUMBER: AREA CODE: 815 357-1676																													
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																															
X	J	M	Z	Z	Z	Z	Z	Z	Z	N																															
SUPPLEMENTAL REPORT EXPECTED (14):												EXPECTED SUBMISSION DATE (15):										MONTH	DAY	YEAR																	
YES (If yes, complete EXPECTED SUBMISSION DATE):												X NO																													

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

On June 27, 1984, at 0510 hours with Unit 1 at approximately 71% power, while the "A" Reactor Water Clean-up Filter/Demineralizer was being deisolated, the RWCU system isolated on high differential flow. The cause of this occurrence is unknown. It is suspected that the demineralizer partially drains prior to being placed on line due to improper positioning of ball valves. Then when the bed is placed on line it fills, which causes an erroneous differential flow while filling. Operating personnel have been instructed on how to determine the position of ball valves and signs have been placed at the ball valves explaining how to determine valve position.

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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 1	DOCKET NUMBER (2): 0 5 0 0 0 3 7 3 8 4 - 0 4 3 - 0 1 0 1	LER NUMBER (6):			PAGE (3):	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		

TEXT (if more space is required, use additional NRC Form 366A (11/7))

I. EVENT DESCRIPTION

On June 27, 1984, at 0510 hours with Unit 1 at 71% power, while the "A" Reactor Water Cleanup Filter/Demineralizer was being deisolated, the Reactor Water Cleanup (CE) system isolated (JM) on high differential flow. No high temperature alarms or other indications of system leakage occurred.

II. CAUSE

The cause of this Reactor Water Cleanup system isolation is unknown. It is suspected that the demineralizer partially drains prior to being placed on line due to improper valve positioning. The design of these remote operated ball valves makes it difficult to determine valve position. Then when the bed is placed on line it fills, which causes an erroneous differential flow while filling.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The event was not significant, because the Reactor Water Cleanup system isolated as designed. An inspection was performed and no leaks were found. The system was then returned to normal.

IV. CORRECTIVE ACTIONS

Operating personnel have been instructed on how to determine the position of the ball valves by examining the valve stem. Also, signs have been placed at the ball valves explaining how to determine valve position.

This has significantly reduced the number of Reactor Water Cleanup isolations when placing a filter/demineralizer on line.

V. PREVIOUS EVENTS

A similar occurrence was described in LER 50-373/84-32.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Daniel Smythe, 815/357-6761, extension 292.



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

September 17, 1985

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

Dear Sir:

Reportable Occurrence Report #84-043-01, Docket #050-373 is being submitted to your office to supercede previously submitted Reportable Occurrence Report 84-043-00 to update Cause and Corrective Action Sections

for R.D. Buehler
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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