

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
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TITLE (4)

Shutdown Cooling System Isolation on Suction Line High Flow

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 4	0 3	8 5	8 5	0 3	6	0 0	0 5	0 2	8 5		0 5 0 0 0

OPERATING MODE (9) 4	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5 (Check one or more of the following) (11)										
	20.402(b)			20.406(c)			<input checked="" type="checkbox"/> 20.73(a)(2)(iv)			73.71(b)	
	20.406(a)(1)(i)			20.36(a)(1)			20.73(a)(2)(v)			73.71(c)	
	20.406(a)(1)(ii)			20.36(a)(2)			20.73(a)(2)(vi)			OTHER (Specify in Abstract below and in Text, NRC Form 366A)	
	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)(x)					

LICENSEE CONTACT FOR THIS LER (12)

NAME Paul S. Watford, extension 323	TELEPHONE NUMBER AREA CODE 8 1 5 3 5 7 - 6 7 6 1
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRCDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRCDS
B	B 0	Z 9 9 9	Z 9 9 9	Y					

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

On April 3, 1985, at 1328 hours with Unit 1 in Cold Shutdown, the Operating 1A Residual Heat Removal Shutdown Cooling loop was secured to facilitate the restart of the 1A Reactor Recirculation Pump. At 1343 hours, 1A RHR was restarted and the 1E12-P009, Residual Heat Removal Inboard Shutdown Cooling Suction Isolation Valve isolated. A high flow isolation occurred from differential pressure switch, 1E31-N012B.

It is believed that the high flow isolation was caused by a spurious pressure spike. Pressure snubbers had been installed during initial construction to preclude this problem. These snubbers were omitted from a recently installed environmental qualification upgrade due to failure to reflect them on the construction drawings. Pressure snubbers were installed by 1530 hours the same day in accordance with Field Change Request (FCR) L-85-86.

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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) 0500037385	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		85	0316	00	02	OF 02

TEXT (If more space is required, use additional NRC Form 365A's) (17)

I. EVENT DESCRIPTION

On April 3, 1985, at 1328 hours with Unit 1 in Cold Shutdown, the operating 1A Residual Heat Removal (RHR, BO) Shutdown Cooling loop was secured to facilitate the restart of the 1A Reactor Recirculation Pump (AD). At 1343 hours, the 1A RHR pump was restarted and the 1E12-F009, Residual Heat Removal Inboard Shutdown Cooling Suction Isolation Valve, isolated. The system was inspected to verify no leaks. The isolation was reset, however, the 1A RHR pump could not be restarted until the isolation signal was temporarily disabled. The RHR pump was restarted in the Shutdown Cooling Mode at 1404 hours on the same day.

II. CAUSE

The cause of the event is due to a high flow isolation from differential pressure switch, 1E31-N012B. The recently installed environmentally qualified (EQ) differential pressure switch was designed to detect excessive flow, however while the replaced switch had pressure snubbers installed, the new switch was installed without pressure snubbers. A spurious pressure spike would cause a 1E12-F009 isolation. The pressure snubbers were not included in the modification because the snubbers had been added during initial construction and the installation was not reflected on the construction prints.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The probable consequences of the occurrence were minimal. The unit was in Cold Shutdown at the time of the event. Loss of RHR Shutdown Cooling was for only a short period of time.

IV. CORRECTIVE ACTION

Pressure snubbers were installed in accordance with Field Change Request (FCR) L-85-86 and work was completed on April 3, 1985, by 1530 hours.

Other modifications for environmental qualification upgrades were reviewed to determine if pressure snubbers previously installed were included in the Environmental Qualification Modification package. No problems were found during the review.

V. PREVIOUS OCCURRENCES

LER 373/85-034-00
LER 374/84-062-00

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Paul S. Watford, 815/357-6761, extension 323.



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 #85-036-00, Docket #050-373 is being submitted to your office in accordance with 10CFR 50.73.

for R. D. Biehler
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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