

# LICENSEE EVENT REPORT

CONTROL BLOCK: \_\_\_\_\_ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	L	L	S	C	1	2	0	0	-	0	0	0	0	0	0	3	4	1	0	0	0	4	5	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LICENSEE CODE					LICENSE NUMBER								LICENSE TYPE				CAT 58							

01	L	5	0	5	0	0	0	0	3	7	3	7	0	8	12	13	18	13	2	0	19	12	13	18	13	9	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
CON'T		REPORT SOURCE		DOCKET NUMBER								EVENT DATE				REPORT DATE											

### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On August 23, 1983 at 1030 hours following the completion of LIS-RD-02, twenty seven  
 03 accumulator low pressure switches and three pressure indicators were found to exceed  
 04 Technical Specification 4.1.3.5. At the time of the occurrence LaSalle Unit 1 was  
 05 in Cold Shutdown. Consequences of the event were minimal since the pressure indicators  
 06 for the affected acc. pressure switches were all operable and are observed weekly per  
 07 LOS-AA-W1. Safe operation of the plant was maintained at all times.

09	R	B	11	E	12	E	13	I	N	S	T	R	U	14	S	15	Z	16							
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP. SUBCODE		VALVE SUBCODE											
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.																	
LER/RO REPORT NUMBER		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-A FORM SUBL.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER													
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-A FORM SUBL.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER									
E		Z		Z		Z		00000		Y		N		A		B069									
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50								

### CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The reason for the Acc. Pressure Switches and Pressure Indicators being out of calib-  
 11 ration is attributed to instrument drift caused by normal usage of the HCU's. Per  
 12 LIS-RD-02 all of the affected instruments were calibrated. Surveillance LIS-RD-02  
 13 was completed satisfactorily on August 27, 1983.

15	B	28	0	0	0	29	NA	30	B	31	LIS-RD-02	32	
7	8	9	10	11	12	13	14	15	16	17	18	19	
FACILITY STATUS		% POWER				OTHER STATUS		METHOD OF DISCOVERY					DISCOVERY DESCRIPTION
ACTIVITY RELEASED		CONTENT		AMOUNT OF ACTIVITY		LOCATION OF RELEASE							
Z		Z		NA		NA							
17	0	0	0	37	Z	38	NA	39					
7	8	9	10	11	12	13	14	15					
PERSONNEL EXPOSURES		TYPE		DESCRIPTION									
PERSONNEL INJURIES		TYPE		DESCRIPTION									
0		0		NA									
18	0	0	0	40	NA	41	NA	42					
7	8	9	10	11	12	13	14	15					
LOSS OF OR DAMAGE TO FACILITY		DESCRIPTION											
Z		NA											
19	Z	42	NA	43	NA	44	NA	45					
7	8	9	10	11	12	13	14	15					
PUBLICITY ISSUED		DESCRIPTION											
N		NA											
20	N	44	NA	45	NA	46	NA	47					
7	8	9	10	11	12	13	14	15					

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 PDR ADOCK 05000373  
 S PDR

NRC USE ONLY

NAME OF PREPARER Dale Winterhoff PHONE: 815-357/6761

- I. LER NUMBER: 83-103/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

Technical Specification 4.1.3.5.b.1.b states that each CRD SCRAM accumulator shall be determined Operable at least once every 18 months by the performance of a channel calibration of the pressure detectors with an alarm setpoint  $940 + 30, -0$  psig on decreasing pressure.

On August 23, 1983 at 1030 hours, following the completion of the LIS-RD-02, twenty seven accumulator low pressure switches were found to exceed Technical Specification 4.1.3.5.b.1.b limits. Twenty three of these switches were discovered to exceed the above limits in the non-conservative direction. The following is a list of HCU's affected: 22-59, 10-51, 22-47, 10-43, 10-39, 10-35, 06-35, 26-31, 10-31, 26-27, 18-27, 10-27, 22-23, 26-11, 38-55, 54-39, 38-23, 50-19, 42-19, 50-15, 46-15, 42-11, and 42-03.

Also, while performing LIS-RD-02 three pressure indicators were found out of tolerance in the non-conservative direction. These pressure indicators are located on HCU's 46-55, 06-27, and 14-39.

No control rod SCRAM accumulator had both the pressure switch and the pressure indicator inoperable at the same time. The maximum pressure that any accumulator pressure switch exceeded the allowable limit was 56 psig (884 psig Alarm Pt.) and the maximum pressure that any pressure indicator exceeded the allowable tolerances was 60 psig.

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

At the time of the occurrence, LaSalle Unit 1 was in Operational Condition 4, Cold Shutdown, during an outage with all control rods FULL IN. Consequences of the event were minimal since the pressure indicators for the affected accumulator pressure switches were all operable and are observed weekly per LOS-AA-W1 to verify proper accumulator pressure. The ability of the CRD system to SCRAM was not compromised. Safe operation of the plant was maintained at all times.

VI. CAUSE:

The reason for these pressure switches and pressure indicators being outside the limits specified in Technical Specification 4.1.3.5 is attributed to instrument drift caused by normal usage (Scrams, Rod Movements) of the affected HCU's.

The pressure switches are manufactured by Barksdale and the pressure indicators by Robert Shaw Co.

VII. CORRECTIVE ACTION:

Under the conditions of LIS-RD-02 the Instrument Maintenance Department calibrated all of the twenty seven accumulator pressure switches and the three pressure indicators to within acceptable limits. Instrument Surveillance LIS-RD-02 was completed satisfactorily on August 27, 1983.

Prepared by: D. R. Winterhoff



**Commonwealth Edison**  
LaSalle County Nuclear Station  
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September 23, 1983

Mr. James G. Keppler  
Regional Administrator  
Region III  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Dear Sir:

Reportable Occurrence Report #83-103/03L-0 Docket #050-373 is being submitted to your office in accordance with LaSalle County Nuclear Power Station Technical Specification 6.6.B.2.(a). Reactor protection system or engineered safety feature instrument settings which are found to be less conservative than those established by the technical specifications but which do not prevent the fulfillment of the functional requirements of affected systems.

G. J. Diederich  
Superintendent  
LaSalle County Station

GJD/GW/rg

Enclosure

cc: Director of Inspection & Enforcement  
Director of Management Information & Program Control  
U.S. NRC Document Management Branch  
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