

## LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	1	1	L	L	S	C	1	2	0	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	32	33	34	35						
LICENSEE CODE										LICENSE NUMBER										LICENSE TYPE										57 CAT 58				

CONT

0	1	L	5	0	5	0	0	0	3	7	1	3	7	0	6	1	5	8	3	2	0	7	1	1	1	8	3	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	35			
REPORT SOURCE		DOCKET NUMBER										EVENT DATE										REPORT DATE									

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

On June 15, 1983, the Div. I Post LOCA Oxygen Monitor began to drift downscale and was declared inoperable. At the time the Div. II Post LOCA oxygen monitor was operable. On 6/13/83 a similar occurrence took place. The repairs made at that time simply consisted of a recalibration which apparently only temporarily solved the problem. (RE. LER 83-064/03L-0.) A continuous oxygen monitor was available at all times to monitor the drywell atmosphere via the redundant channel. Safe operation of the plant was maintained.

1	9	S	E	11	E	12	B	13	P	I	M	P	X	X	14	C	15	7	16	8	3	21	22	0	6	5	24	25	0	3	28	29	1	30	1	31	0	32
LER/RO REPORT NUMBER		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE								COMP. SUBCODE		VALVE SUBCODE		REVISION NO.		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		ATTACHMENT SUBMITTED		NPRC-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER		
17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRC-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER		ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRC-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER				
18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35				

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

It was found that a diaphragm in the vacuum pump associated with the oxygen monitor was leaking. Extensive leak checks on other analyzer components revealed that the analyzer cell was leaking at the O-rings which seal the cell. The combined effects disrupted gas flows thereby causing the monitor to drift. Components were replaced and the monitor was recalibrated. Declared operable on 6/21/83.

1	5	B	28	0	3	0	29	NA	30	B	31	Observation	32	NA	33	NA	34	NA	35	NA	36	NA	37	0	0	0	38	Z	39	NA	40	0	0	0	41	NA	42	0	0	0	43	NA	44	N	45	NA	46	NA	47	NA	48	NA	49	NA	50
FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		LOCATION OF RELEASE		PERSONNEL EXPOSURES		PERSONNEL INJURIES		LOSS OF OR DAMAGE TO FACILITY		PUBLICATION		ISSUED		NRC USE ONLY																																	
15		16		17		18		19		20		21		22		23		24		25		26																																	
27		28		29		30		31		32		33		34		35		36		37		38																																	
39		40		41		42		43		44		45		46		47		48		49		50																																	

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PDR ADOCK 05000373  
S PDR

NAME OF PREPARER R. Dus

PHONE: 357-6761

I. LER NUMBER: 83-065/03L-0

II. LASALLE COUNTY STATION: Unit 1

III. DOCKET NUMBER: 050-373

IV. EVENT DESCRIPTION:

On June 15, 1983 at 0445 hours with Unit one operating at 320 MWE, the Division I Post LOCA oxygen monitor began to drift downscale and was declared inoperable. At the time of the occurrence, Division II post LOCA oxygen monitor was operable. On June 13, 1983, a similar occurrence took place. The repairs that were made at that time simply consisted of a recalibration which apparently only temporarily solved the problem.

V. PROBABLE CONSEQUENCES:

A continuous oxygen concentration monitor was available at all times to monitor the drywell atmosphere via the redundant channel. Safe operation of the plant was maintained at all times.

VI. CAUSE:

While troubleshooting Work Request L25382, it was found that a diaphragm in the vacuum pump associated with the oxygen monitor was leaking. Extensive leak checks on other analyzer components revealed that the oxygen analyzer cell was leaking at the "O"-rings which seal the cell. The combined effects disrupted analyzer sample and reagent gas flows thereby causing the Division I oxygen monitor to drift downscale. The post LOCA containment monitoring panels are manufactured by Comsip Delphi Inc.

VII. CORRECTIVE ACTION:

The vacuum pump diaphragm was replaced and the pump was then able to provide adequate vacuum for sampling. The leaking analyzer cell O-rings were also replaced. The division I Post LOCA O<sub>2</sub> monitor was reassembled and recalibrated in accordance with LIS-PC-07 and declared operable on 6/21/83 at 0800 hrs. Thus meeting the 7-day time limit, as required by Tech. Specs 3.3.7.5.a

Prepared by R. S. Dus/K. Kalmon



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

July 11, 1983

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

Dear Sir:

Reportable Occurrence Report #83-065/03L-0 Docket #050-373 is being submitted to your office in accordance with LaSalle County Nuclear Power Station Technical Specification 6.6.B.2.(b), conditions leading to operation in a degraded mode permitted by a limiting condition for operation or plant shutdown required by a limiting condition for operation.

*C E Sargent*  
G. J. Diederich  
*for* 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  
INPO-Records Center  
File/NRC

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JUL 15 1983