

## LICENSEE EVENT REPORT

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	1	L	Q	A	D	1	2	0	0	0	-	0	0	0	-	0	0	0	3	2	1	1	1	1	4		5
7	8	9	LICENSEE CODE					14	15	LICENSE NUMBER					25	26	LICENSE TYPE					30	37	CAT		58		

CONT

0	1	L	0	5	0	0	0	2	5	4	7	0	5	2	4	7	9	0	6	1	5	7	9	9	
7	8	REPORT SOURCE		60	61	DOCKET NUMBER					68	69	EVENT DATE					74	75	REPORT DATE					80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 While conducting the suppression chamber to drywell vacuum breaker monthly exercise

0 3 (QOS 1600-1), vacuum breaker 1-1601-32D failed to give a closed indication. Subsequently,

0 4 Technical Specification 3.7.A.4.b could not be met. The unit was in the process of

0 5 being shut down for a scheduled maintenance outage at the time. All other vacuum breakers

0 6 operated properly.

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0	9	S	A	11	E	12	B	13	V	A	L	V	E	X	14	C	15	C	16																				
7	8	SYSTEM CODE		9	10	CAUSE CODE		11	CAUSE SUBCODE		12	COMPONENT CODE			13	CUMP. SUBCODE		19	VALVE SUBCODE		20																		
17		LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.																											
7		9		7		9		0		3		0																											
33		ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER																					
0		18		Z		19		Z		20		0		0		0		Y		23		Y		24		N		25		A		5		8		5		26	

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 An inspection of the valve indicated that the valve stem was binding, thus not allowing

1 1 the disk to fully shut. A defective bushing was replaced as well as the end packing

1 2 on the valve stem. The vacuum breaker was satisfactorily tested.

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1	5	D	28	0	2	6	29	OTHER STATUS	30	NA	METHOD OF DISCOVERY	31	B	DISCOVERY DESCRIPTION	32	Routine Test
7	8	FACILITY STATUS		9	10	% POWER		12	13	44	45	46	80			

1	6	Z	33	Z	34	AMOUNT OF ACTIVITY	35	NA	LOCATION OF RELEASE	36	NA	
7	8	ACTIVITY CONTENT		9	10	RELEASED OF RELEASE		11	12	44	45	80

1	7	0	0	0	37	Z	38	DESCRIPTION	39	NA	
7	8	PERSONNEL EXPOSURES		9	10	NUMBER		11	12	13	80

1	8	0	0	0	40	DESCRIPTION	41	NA			
7	8	PERSONNEL INJURIES		9	10	NUMBER		11	12	13	80

1	9	Z	42	DESCRIPTION	43	NA					
7	8	LOSS OF OR DAMAGE TO FACILITY		9	10	TYPE		11	12	13	80

2	0	N	44	DESCRIPTION	45	NA					
7	8	PUBLCITY		9	10	ISSUED		11	12	13	80

NAME OF PREPARER

K. Leech

7906270 205

NRC USE ONLY

PHONE:

309-654-2241 ext. 176

- I. LER NUMBER: LER/RO 79-19/03L-0
- II. LICENSEE NAME: Commonwealth Edison Company  
Quad-Cities Nuclear Power Station
- III. FACILITY NAME: Unit One
- IV. DOCKET NUMBER: 050-254
- V. EVENT DESCRIPTION:

On May 24, 1979, while conducting the suppression chamber to drywell vacuum breaker monthly exercise (QOS 1600-1), vacuum breaker 1-1601-32D failed to give a closed indication. It could not be determined if the valve actually failed to close or if it just was a limit switch problem, because of the inaccessibility of the vacuum breakers. Subsequently, Technical Specification 3.7.A.4.b could not be met. The Unit was in the process of being shut down for a scheduled maintenance outage. Work request 2868-79 was written to investigate the problem. An event of a similar nature was reported in RO 77-49/03L.

VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The suppression chamber to drywell vacuum breakers on Unit One had all been successfully operated previously on April 26, 1979. During the exercise test performed on May 24, all other vacuum breakers operated properly; thus, the safety implications of this occurrence were minimal.

VII. CAUSE:

An inspection of the valve indicated that the stem was binding, thereby not allowing the disk to fully shut. During disassembly, a rough spot was found on the bushing at one end of the valve stem.

VIII. CORRECTIVE ACTION:

The defective bushing was replaced as well as the packing on that end of the valve stem. The vacuum breaker was then tested satisfactorily.

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Priority	1A	WORK REQUEST	D	JOB NO.	W.R. No.
EPN	1-1601-32D	SAFETY-RELATED A POD			2868-79
Date	5-24-79	EQUIPMENT NAME	U-1 NUTS VACUUM REPAIRER		
Direct Assigned		WORK REQUESTED	to replace nitrogen gas tank for action won't be closed		
EM IM OP TS			Routine Maintenance		
Avail			Equipment Tagged, Attach two parts		
Other Eng			Tag (s) for "Like-for-Like Replacement" if Required, also additional documentation.		
Shift Eng			Required. If problems, Contact <u>Walter Hutton</u> Int. Tel. No. <u>5-25-79</u>		
Requested By	<u>Walter Hutton</u>	WORK PERFORMED	REPLACEMENT OF GAS		
Safety Related	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		SIDE AND BOLTING ALSO GIBS SET		
ASME	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		WEIGHT END OF KNUCKLE		
Modification	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		TURNER		
Test Requirement	OP <input type="checkbox"/> MN <input type="checkbox"/> IM <input type="checkbox"/> TS <input type="checkbox"/> OAD <input type="checkbox"/>		5-25-79		
Quality Control	Reviewed <input type="checkbox"/> Date <u>5-25-79</u>	PARTS USED	ST 528986 Packing		
QA Eng or Insp	Reviewed <input type="checkbox"/> Date <u>5-25-79</u>		BUSHING ST 320039 GASKET ST 528987		
Quality Control	Reviewed <input type="checkbox"/> Date <u>5-25-79</u>	TEST REQUIRED	Lead Valve thru down - being correct		
Inspector	Reviewed <input type="checkbox"/> Date <u>5-25-79</u>		position and alarms		
Just Completed	Reviewed <input type="checkbox"/> Date <u>5-25-79</u>	FOREMAN	WORKMAN	Approved Completion	WC
Quality Control	Reviewed <input type="checkbox"/> Date <u>5-25-79</u>	HUTTON	TURNER	5-25-79	16
Engr.	Reviewed <input type="checkbox"/> Date <u>5-25-79</u>				2
OA Engr. or Insp.	Reviewed <input type="checkbox"/> Date <u>5-25-79</u>				

C.E. Co. 86-2076 (s) 2-75