

LICENSEE EVENT REPORT

CONTROL BLOCKS:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	L O A D												2	0 0 0 - 0 0 0 - 0 0 0												3	4 1 1 1 1												4													5
7	8	9												14	15												25	26												30	57												58
LICENSEE CODE		LICENSE NUMBER												LICENSE TYPE												CAT																											

CON'T

REPORT SOURCE 01 60 61 05 00 00 25 47 68 69 02 16 77 98 74 75 03 09 79 80 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | A Local Leak Rate Test of the drywell-suppression chamber vent exhaust valves was

0 3 | performed in accordance with procedure QTS 100-30. The test indicated excessive

0 4 | leakage through the A0 1-1601-60 suppression chamber vent valve. The as found leak

0 5 | rate from the volume bounded by valves A0 1-1601-60, 61, 62, 63, 23, and 24 was

0 6 | 45 SCFH. The 1-1601-60 valve is a normally closed valve and is used to isolate the

0 7 | suppression chamber from the reactor building ventilation system. The suppression chamber

0 8 | was capable of being isolated from the ventilation system by A0 1-1601-24.

7 8 9 80

SYSTEM CODE S D (11)		CAUSE CODE C (12)		CAUSE SUBCODE B (13)		COMPONENT CODE V A L V E X (14)		COMP. SUBCODE C (15)		VALVE SUBCODE D (16)	
LER NO REPORT NUMBER 7 9 (17)		EVENT YEAR 7 9 (21) 22		SEQUENTIAL REPORT NO. 0 0 3 (24) 26		OCCURRENCE CODE 0 3 (28) 29		REPORT TYPE L (30)		REVISION NO. 0 (32)	
ACTION TAKEN E (18) 33		FUTURE ACTION Z (19) 34		EFFECT ON PLANT Z (20) 35		SHUTDOWN METHOD Z (21) 36		HOURS 0 0 0 0 (22) 37-40		ATTACHMENT SUBMITTED Y (23) 41	
NPRO-4 FORM SUB. N (24) 42		PRIME COMP SUPPLIER N (25) 43		COMPONENT MANUFACTURER P 3 4 0 (26) 44-47							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The valve disc was not aligned properly with the valve seat, thus preventing a good

1 1 disc-to-seat seal. The valve disc was shimmed toward the operator approximately

1 2 1/8 inch and the valve was test operated three times. A local leak rate test was

1 3 then performed and the leak rate was found to be 14.2 SCFH.

1 4

FACILITY STATUS										% POWER										OTHER STATUS										METHOD OF DISCOVERY										DISCOVERY DESCRIPTION									
1	5	H						28	0	0	0	29	NA						30	B	31	Local Leak Rate Testing														32													
7	8	3						10	12						13	44						45	46						80																				
ACTIVITY CONTENT										AMOUNT OF ACTIVITY										LOCATION OF RELEASE																													
1	6	Z						33	Z	34	NA						35	NA						36																									
7	8	9						10	12						13	44						45	46						80																				

PERSONNEL EXPOSURES

NUMBER		TYPE	DESCRIPTION
1	7	000	(37) Z (38) NA

PERSONNEL INJURIES									
NUMBER			DESCRIPTION						
1	8	0	0	0	40	NA			

		LOSS OF OR DAMAGE TO FACILITY		
		TYPE	DESCRIPTION	
7	8	9	10	8C
1	9	Z	(42) NA	

PUBLICITY
 ISSUED (2) (0) (N) (44) DESCRIPTION (45) NA 7 9 0 3 2 9 0 0 4 6
 7 8 9 10 58 69 80

NAME OF PREPARER

D. Hannum

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NRC USE ONLY

- I. LER NUMBER: LER/RO 79-02/03L-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 February 16, 1979 at 11:00 p.m. Unit One was in the SHUTDOWN mode and a Local Leak Rate Test of the drywell-suppression chamber vent exhaust valves was performed in accordance with procedure QTS 100-30. The results of the test indicated excessive leakage through the A0 1-1601-60 suppression chamber vent valve. The as found leak rate from the volume bounded by valves A0 1-1601-60, 61, 62, 63, 23, and 24 was 45 SCFH. Work request 856-79 was written to repair the A0-1601-60 valve.

VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The A0-1601-60 valve is a normally closed valve and is used to isolate the suppression chamber from the reactor building ventilation system and the SBTG System upon receipt of a Group II Isolation signal. The suppression chamber was capable of being isolated from the ventilation system by valve A0-1-1601-24, and from SBTGS by valve A0-1-1601-63.

VII. CAUSE:

The valve disc was not aligned properly with the valve seat, thus preventing a good disc-to-seat seal. The suppression chamber vent valve is an 18 inch butterfly valve manufactured by Henry Pratt.

VIII. CORRECTIVE ACTION:

The valve disc was shimmed toward the operator approximately 1/8 inch, and the valve was test operated three times. A local leak rate test was then performed and the leak rate from the drywell-suppression chamber vent volume was found to be 14.2 SCFH.