	CONTROL BLOCK:
0 1	1 L Q A D 2 2 0 0 0 - 0 0 0 - 0 0 0 3 4 1 1 1 1 1 4 57 CAT 66 5
CON'T	REPORT L 6 0 5 0 0 0 2 6 5 7 0 9 3 0 7 8 8 1 0 2 6 7 8 9  EVENT DESCRIPTION AND PROSASLE CONSEQUENCES 10
0 2	While performing a routine Hydraulic Snubber Surveillance Inspection in accordance
[0]3]	[with Technical Specification 4.6.1.1, two snubbers were found to be inoperable. The
04	[safety implications of this event are minimized by the fact that Unit Two did not
0 5	experience any seismic event or other severe transient during the operating period
0 6	Isince the previous snubber surveillance.
[0]=	
0 8	9 SYSTEM CAUSE CAUSE COMP. VALVE
0 9	CODE SUBCODE S
	17 REPORT NO. 17 8 1 1 22 23 24 26 27 28 29 30 31 32
	ACTION FUTURE EFFECT SHUTDOWN HOURS 22 ATTACHMENT SUBMITTED FORM SUB. PRIME COMP. SUPPLIER MANUFACTURER  D B Z 19 Z 20 Z 21 0 0 0 0 0 Y 23 Y 24 A 25 B Z 1 D 26  CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27
10	In Sant Sant Sant Sant Sant Sant Sant San
[11]	[hydraulic fluid leakage through hardened 0-rings. The Mark 183 snubber was rebuilt. ]
112	and the Mark 175 snubber was replaced with a spare.
1 3	
14	80
7 8	G 28 0 0 0 29 NA B 31 Surveillance Inspection
	ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35    Z   (33)   Z   (34)   NA   NA
7 8	9 10 11  PERSONNEL EXPOSURES  NUMBER TYPE DESCRIPTION (39)  1 0 1 0 1 (37) Z (38) NA
8	9 PERSONNEL INJURIES NUMBER DESCRIPTION (41) 781124 0193
[   N   8	NUMBER DESCRIPTION NA NA NA
-	LOSS OF OR DAMAGE TO FACILITY 43
1   9	PUBLICITY (C)  NRC USE ONLY
210	Z OF SCRIPTION OF NA NA SO :
	J. Kopacz PHONE 309-654-2241, ext 248

1. LER NUMBER: LER/RO 78-33/03L-0

II. LICENSEE NAME: Commonwealth Edison Company

Quad-Cities Nuclear Power Station

111. FACILITY NAME: Unit Two

IV. DOCKET NUMBER: 050-265

## V. EVENT DESCRIPTION:

On September 30, 1978, with Unit Two shutdown for routine maintenance, an inspection of hydraulic snubbers was performed, using procedure QMS 800-3. Two snubbers were found to have empty hydraulic fluid reservoirs. Work request numbers 4531-78 and 4532-78 were issued to initiate repairs before startup as required by Technical Specification 3.6.1.4.

Of the two snubbers, snubber Mark 183 is located on core spray line (2-1404-10"), and snubber Mark 175 is located on the Target Rock safety relief valve (2-203-3A).

## VI. PROBABLE CONSEQUENCES:

Snubbers are designed to allow for pipe movement due to thermal and vibration changes, but control excessive movement in the event of a seismic disturbance. The safety implications of this occurrence were minimal due to the fact that the probability of seismic disturbances are extremely low. In addition, there were other operational snubbers in close proximity to the two snubbers that were found inoperable.

## VII. CAUSE:

The Mark 183 snubber, which was disassembled and rebuilt, was found to have hardened C-ring seals, which allowed fluid leakage. The Mark 175 snubber was replaced with a new snubber of the same type. The fluid leakage from the Mark 175 snubber also appears to have been caused by hardening of the O-ring seals. The Mark 175 snubber will be rebuilt at a latter date. Both snubbers are manufactured by the Bergan & Patterson Company.

## VIII. CORRECTIVE ACTION:

The Mar '83 snubber was rebuilt. The Mark 175 snubber was replaced with a new snubber of the same type.

Because the current snubber surveillance schedule as required by Technical Specification 4.6.6 is adequate to control failures, no further action is deemed necessary. Additionally, the station is considering installing mechanical snubbers in the future.