

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

REPORT SOURCE L 5 0 5 0 0 0 3 7 3 7 0 2 0 8 8 3 E 0 3 2 9 8 3 9

60 81 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

During inspection of main steam drain line piping, mechanical snubber 1MS20CB-1½-H01S

found excessively hard to stroke. Unit was in cold shutdown at time of event. Same as

LER 82-09Q/03L-0. Piping re-analyzed with snubber modeled as rigid. One weld had exceeded

allowable usage factors, however, no failure of piping, welds, or associated restraints

occurred as result of this event. No release of radioactivity occurred. Health and

safety of public not affected. Plant was maintained in a safe condition at all times.

SYSTEM CODE		CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE				COMP. SUBCODE	VALVE SUBCODE		
C	C	A	X	S	U	P	O	R	T	D	Z
9	10	11	12	13	14	15	16	17	18	19	20
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.	
17		8 3		0 0 9		0 3		X		1	
21		22		23		24		25		26	
ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER
C	Z	Z	Z	0	0	0	0	Y	N	A	P 0 2 9
27	28	29	30	31	32	33	34	35	36	37	38

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
Ball screw shaft of snubber slightly bent. Most likely due to results of forces in

lateral direction such as by stepping on or using snubber for rigging point. Bent shaft

caused internal friction and failure. No generic problem with Pacific Scientific snubbers.

Snubber and all welds which exceeded or were approaching allowable usage factors were

, replaced prior to startup.

FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION		
28			0 0 0			NA			C			Inspection		
ACTIVITY CONTENT			RELEASED OF RELEASE			AMOUNT OF ACTIVITY			LOCATION OF RELEASE					
Z			Z			NA			NA					
PERSONNEL EXPOSURES			NUMBER			TYPE			DESCRIPTION					
0 0 0			37			Z								
PERSONNEL INJURIES			NUMBER			DESCRIPTION								
0 0 0			40											
LOSS OF OR DAMAGE TO FACILITY			TYPE			DESCRIPTION								
Z			42											
PUBLICITY			ISSUED			DESCRIPTION								
			N			44								

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PDR ADDCK 05000373
S PDR

NRC USE ONLY

NAME OF PREPARER

D. Spencer

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- I. LER NUMBER: 83-009/03X-1
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

During inspection of main steam drain line piping, mechanical snubber MS20CB-1½-H01S was found excessively hard to stroke. Unit 1 was in cold shutdown at the time of this event

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

Same as DVR 1-1-82-195 and LER 82-009/03L-0. The affected piping was re-analyzed with the inoperable snubber modeled as a rigid restraint. The analysis revealed that one weld had exceeded the allowable usage factor and one additional weld may be approaching this factor. However, no failure of piping, welds, or associated restraints occurred as a result of this event. Since no release of radioactivity occurred, the health and safety of the public was not affected and the plant was maintained in a safe condition at all times.

VI. CAUSE:

An evaluation of the damaged snubber revealed that the ball screw shaft was slightly bent. This was most likely the result of forces being applied in the lateral direction such as by stepping on or using the snubber as a rigging point. The bent shaft caused excessive friction between internal parts which in turn caused the snubber to fail. Since failure was caused by external forces, a generic problem with Pacific Scientific snubbers is not apparent at this time.

VII. CORRECTIVE ACTION:

The inoperable snubber was replaced under work request #L22379. The weld which was analyzed to have exceeded its allowable usage factor was replaced under work request L22435. One additional weld which was approaching the allowable usage factor was replaced under work request L22531 (ALARA considerations). All of these actions were completed prior to leaving the cold shutdown condition.

Prepared by: D. Spencer