

REPORT DATE: October 31, 1979

REPORTABLE OCCURRENCE 79-40

OCCURRENCE DATE: October 1, 1979

ISSUE 0

Page 1 of 4

FORT ST. VRAIN NUCLEAR GENERATING STATION  
PUBLIC SERVICE COMPANY OF COLORADO  
16805 WELD COUNTY ROAD 19 1/2  
PLATTEVILLE, COLORADO 80651

REPORT NO. 50-267/79-40/03-L-0

Final

IDENTIFICATION OF  
OCCURRENCE:

Between October 1, 1979, and October 4, 1979, it was discovered that two Class 1 hydraulic shock suppressors (snubbers) required to be operable during power operation by Fort St. Vrain Technical Specification LCO 4.3.10 were inoperable. This constitutes operation in a degraded mode of LCO 4.3.10 and is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2.

EVENT  
DESCRIPTION:

See Figure 1. On October 1, 1979, with the reactor operating at approximately 10% thermal power, hot reheat snubber, HRS-194, was found with an empty oil reservoir, (1), which made the snubber inoperable.

On October 4, 1979, with the reactor operating at approximately 30% thermal power, hydraulic oil snubber, HOS-29, was found with the reservoir and snubber valve assembly, (2), hanging below the snubber body. As the oil is gravity fed to the snubber piston this rendered the snubber inoperable.

CAUSE  
DESCRIPTION:

The snubber, HRS-194, with the empty oil reservoir had a leak that allowed the oil to escape.

The snubber, HOS-29, with the inverted snubber valve assembly had a loose lock nut, (3), which allowed the snubber valve assembly to pivot on the snubber body.

These snubbers were inspected during the refueling shutdown in June, 1979, and both were operable at that time.

CORRECTIVE  
ACTION:

The oil reservoir of HRS-194 was refilled. The reservoir valve assembly of HOS-29 was returned to its proper position and the lock nut tightened.

1273 143

7911060 381

CORRECTIVE  
ACTION (continued):

Because Reportable Occurrence Report No. 50-267/79-36 also cited an inoperable snubber, the total number of inoperable snubbers found during this surveillance period is three and, per SR 5.3.8(a), the surveillance period has been adjusted to 124 days.

There was no affect on public health or safety and no futher corrective action is anticipated or required.

. 1273 144

figs. 200, 201

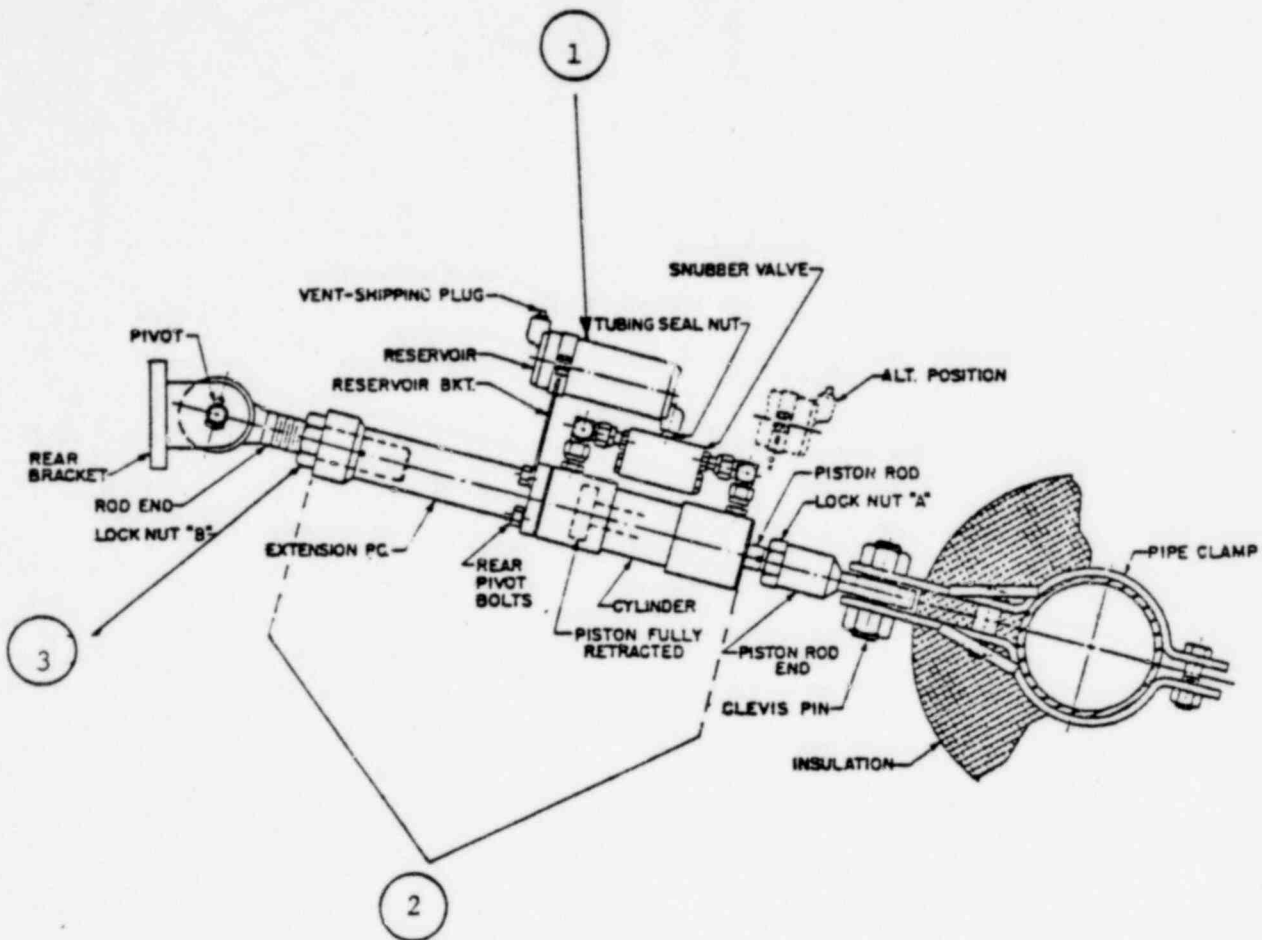


FIGURE 1

1273 145

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1273 146

## LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	C	0	F	S	V	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	2	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										CAT 58									

CON'T

0	1	L	6	0	5	0	0	0	2	6	7	7	1	0	0	1	7	9	8	1	0	3	1	7	9	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)

0 2 Between October 1, 1979, and October 4, 1979, it was discovered that two Class 1 hydraulic shock suppressors (snubbers) required to be operable during power operation by Fort St. Vrain Technical Specification LCO 4.3.10 were inoperable. This constitutes operation in a degraded mode of LCO 4.3.10 and is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2. There was no affect on public health or safety.

0 7 Related RO's: 77-01, 77-04, 77-25, 77-35, 78-04, 78-30, and 79-36.

0	9	H	B	11	E	12	B	13	S	U	P	O	R	T	14	D	15	Z	16
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE								COMP. SUBCODE		VALVE SUBCODE			
17		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.									
7		9		0		4		0		3		L		0					
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER			
B		X		Z		Z		0		Y		N		A		I			
33		34		35		36		37		40		41		42		43		44	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 HRS-194 had a leak that emptied the oil reservoir and HOS-29 had a loose lock nut which allowed the reservoir and valve assembly to change position. The oil reservoir of HRS-194 was refilled and HOS-29 was repositioned and the lock nut tightened. The surveillance interval was adjusted to 124 days. These are ITT Brinell 200-201 snubbers.

1	5	E	28	0	3	0	29	N/A	C	31	Plant Inspection Tour								
7	8	9	10	11	12	13	14	15	16	17	18								
FACILITY STATUS				% POWER				OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION			
1				0				N/A				C				Plant Inspection Tour			
2				Z				N/A				N/A				LOCATION OF RELEASE			
3				Z				N/A				N/A				LOCATION OF RELEASE			
4				Z				N/A				N/A				LOCATION OF RELEASE			
5				Z				N/A				N/A				LOCATION OF RELEASE			
6				Z				N/A				N/A				LOCATION OF RELEASE			
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42				Z				N/A				N/A				LOCATION OF RELEASE			
43				Z				N/A				N/A				LOCATION OF RELEASE			
44				Z				N/A				N/A				LOCATION OF RELEASE			
45				Z				N/A				N/A				LOCATION OF RELEASE			
46				Z				N/A				N/A				LOCATION OF RELEASE			
47				Z				N/A				N/A				LOCATION OF RELEASE			
48				Z				N/A				N/A				LOCATION OF RELEASE			
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52				Z				N/A				N/A				LOCATION OF RELEASE			
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56				Z				N/A				N/A				LOCATION OF RELEASE			
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62				Z				N/A				N/A				LOCATION OF RELEASE			
63				Z				N/A				N/A				LOCATION OF RELEASE			
64				Z				N/A				N/A				LOCATION OF RELEASE			
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66				Z				N/A				N/A				LOCATION OF RELEASE			
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69				Z				N/A				N/A				LOCATION OF RELEASE			
70				Z				N/A				N/A				LOCATION OF RELEASE			
71				Z				N/A				N/A				LOCATION OF RELEASE			
72				Z				N/A				N/A				LOCATION OF RELEASE			
73				Z				N/A				N/A				LOCATION OF RELEASE			
74				Z				N/A				N/A				LOCATION OF RELEASE			
75				Z				N/A				N/A				LOCATION OF RELEASE			
76				Z				N/A				N/A				LOCATION OF RELEASE			
77				Z				N/A				N/A				LOCATION OF RELEASE			
78				Z				N/A				N/A				LOCATION OF RELEASE			
79				Z				N/A				N/A				LOCATION OF RELEASE			
80				Z				N/A				N/A				LOCATION OF RELEASE			

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