



**Public Service Company of Colorado**

16805 ROAD 19 1/2  
PLATTEVILLE, COLORADO 80651

February 13, 1981  
Fort St. Vrain  
Unit No. 1  
P-81051

Mr. Karl V. Seyfrit, Director  
Nuclear Regulatory Commission  
Region IV  
Office of Inspection and Enforcement  
611 Ryan Plaza Drive  
Suite 1000  
Arlington, Texas 76012

Reference: Facility Operating License  
No. DPR-34

Docket No. 50-267

Dear Mr. Seyfrit:

Enclosed please find a copy of Reportable Occurrence Report No. 50-267/80-49, Revised Final, submitted per the requirements of Technical Specification AC 7.5.2(b)2.

Also, please find enclosed one copy of the Licensee Event Report for Reportable Occurrence Report No. 50-267/80-49.

Very truly yours,

*Don Warembourg*  
Don Warembourg  
Manager, Nuclear Production

DW/clb  
Enclosure  
cc: Director, MIPC

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REPORT DATE: February 13, 1981

REPORTABLE OCCURRENCE 80-49

ISSUE 1

OCCURRENCE DATE: September 4, 1980

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

REPORT NO. 50-267/80-49/03-X-1

Revised Final

IDENTIFICATION OF  
OCCURRENCE:

During a routine surveillance calibration check, the setpoint of the PCRV rupture disc assembly, M-11702, was found to be 826 psig. Since this setpoint is higher than the 812 psig  $\pm$  1% allowable by Fort St. Vrain Technical Specification LSSS 3.3.2(c), it is being reported per Fort St. Vrain Technical Specification AC 7.5.2(b)1.

EVENT  
DESCRIPTION:

With the reactor shutdown and depressurized for a maintenance shutdown period, low set rupture disc, M-11702, was removed from service for a schedule surveillance calibration bench test. The "as found" pressure setpoint was 826 psig. The acceptance criterion of LSSS 3.3.2(c) requires the set pressure to be 812 psig  $\pm$  1% (804 psig to 820 psig).

Refer to Figure 1. Before the test gas pressure is applied, the cutter, ①, is removed and a special ring is installed to limit the travel of the Belleville washers, ②. These washers snap over when the set pressure is reached. Adjustment of the set pressure is made by positioning of the threaded ring, ③. When the set pressure is reached, the diaphragm and washers travel a few thousandths of an inch, which produces an audible "thump."

CAUSE  
DESCRIPTION:

The rupture disc movement setpoint being out of tolerance was caused by drift of the Belleville washer operating point over the period since its last calibration surveillance.

CORRECTIVE  
ACTION:

Further investigation of this occurrence revealed that the Belleville washers did not need adjustment. Two additional snap-over tests demonstrated that the rupture disc setpoint was in tolerance.

No further corrective action is anticipated or required.

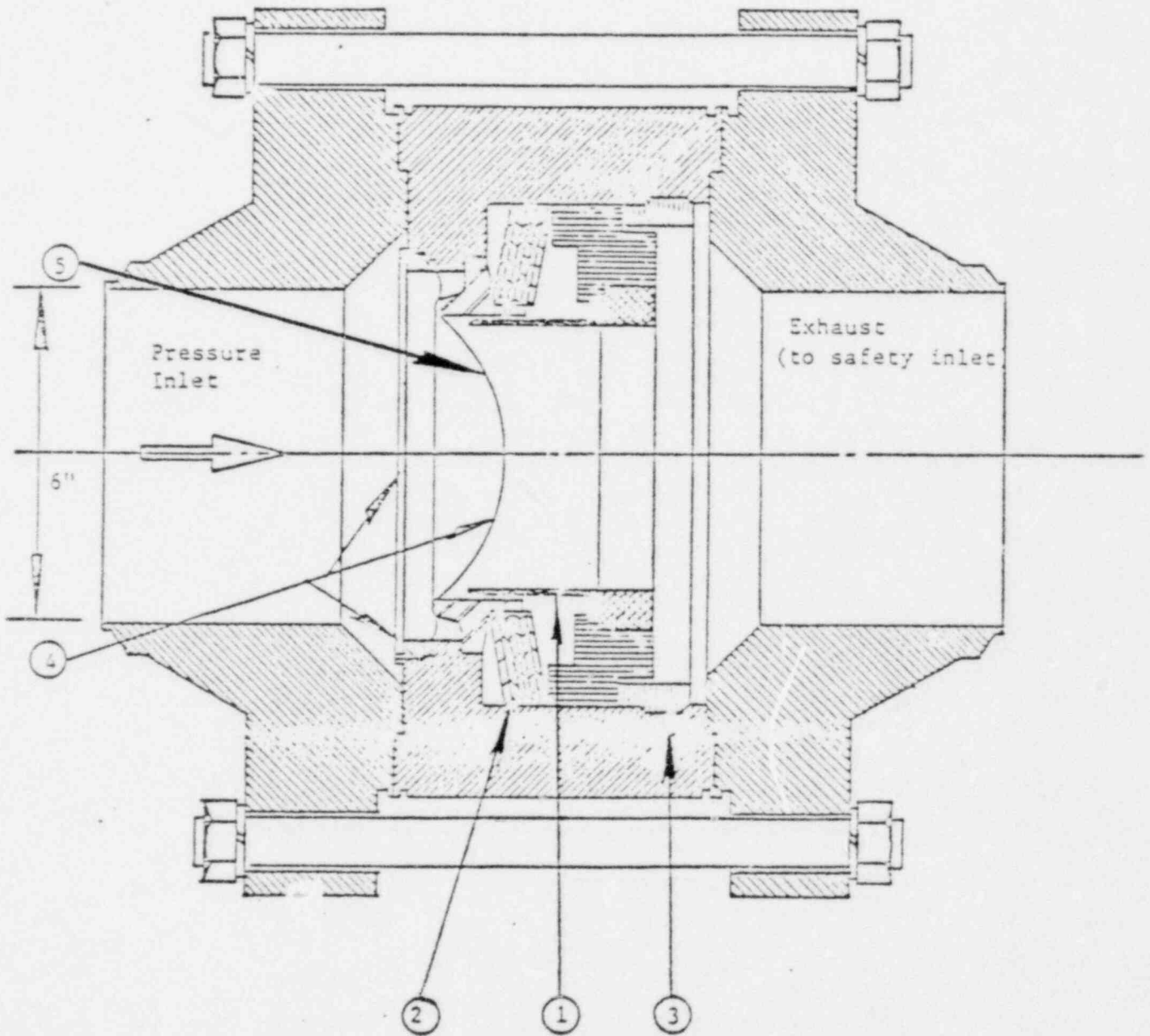


FIGURE 1

Prepared By: *Asa B. Reed*  
Asa B. Reed  
Technical Services Technician

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J. W. Gahn  
Technical Services Supervisor

Reviewed By: *Frank M. Mathie*  
Frank M. Mathie  
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Approved By: *Don Warembourg*  
Don Warembourg  
Manager, Nuclear Production