

REPORT DATE: June 6, 1979

REPORTABLE OCCURRENCE 79-15

OCCURRENCE DATE: May 7, 1979

ISSUE 0

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FORT ST. VRAIN NUCLEAR GENERATING STATION
PUBLIC SERVICE COMPANY OF COLORADO
P. O. BOX 361
PLATTEVILLE, COLORADO 80651

REPORT NO. 50-267/79-15/03-L-0

Final

IDENTIFICATION OF
OCCURRENCE:

During a routine surveillance calibration check performed on May 5, 1979, 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 refueling, low set rupture disc, M-11702, was removed from service for a scheduled 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 being out of tolerance was caused by calibration drift over the two years it had been in service since its last calibration surveillance.

CORRECTIVE
ACTION:

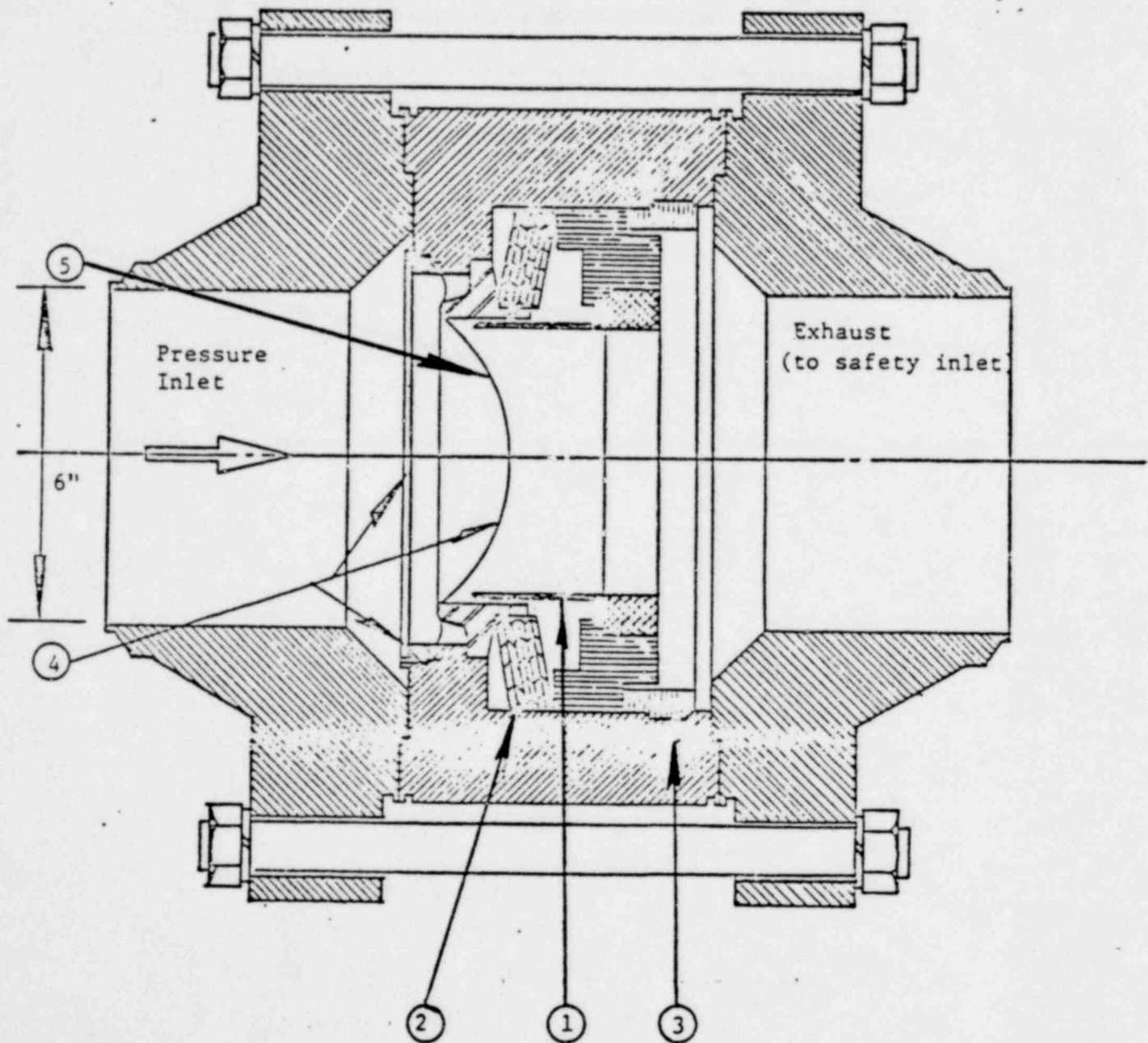
The rupture disc was calibrated to 812 psig and returned to service.

No further corrective action is anticipated or required.

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POOR ORIGINAL

FIGURE 1

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