

REPORT DATE: November 23, 1983

REPORTABLE OCCURRENCE 83-011
ISSUE 1

OCCURRENCE DATE: March 7, 1983

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FORT ST. VRAIN NUCLEAR GENERATING STATION
PUBLIC SERVICE COMPANY OF COLORADO
16805 WELD COUNTY ROAD 19 1/2
PLATTEVILLE, COLORADO 80651-9298

REPORT NO. 50-267/83-011/03-X-1

Revised Final

IDENTIFICATION OF
OCCURRENCE:

On March 7, 1983, at approximately 2130 hours, with the reactor operating at 11% power, an unplanned and unsampled gas waste release was made contrary to the requirement of LCO 4.8.1(a) and is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2.

EVENT
DESCRIPTION:

In the course of depressurizing the prestressed concrete reactor vessel core support floor, a valve to this gas waste system was repositioned to its normally open condition and caused the rupture disc (M-63802) on the gas waste vacuum tank (T-6301) to rupture. The blown rupture disc on the gas waste vacuum tank resulted in a release of approximately 0.52 microcuries of noble gas to the atmosphere.

The unplanned gas waste release was monitored and recorded in its entirety for activity by the reactor plant vent stack monitoring system.

CAUSE
DESCRIPTION:

A valve that was repositioned during the course of depressurizing the prestressed concrete reactor vessel core support floor apparently caused too rapid of a flow increase to the gas waste system for the pressure control system on the gas waste vacuum tank to react. This resulted in the subsequent rupture of the rupture disc (M-63802) and the release of gas waste through the reactor plant exhaust filter system (System 73) to the atmosphere.

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CORRECTIVE
ACTION:

Depressurization of the prestressed concrete reactor vessel core support floor was temporarily terminated, and the affected rupture disc (M-63802) was replaced.

| Appropriate System Operating Procedures were revised to include
| precautionary steps to prevent reoccurrence of this event.

The event was reported as required pursuant to 10CFR50.72.

No further corrective action is anticipated or required.

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