



Public Service Company ^{of} Colorado

16805 Weld County Road 19 1/2, Platteville, Colorado 80651

March 19, 1980
Fort St. Vrain
Unit No. 1
P-80056

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/
80-08, 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. 50-267/80-08.

Very truly yours,

Don Warembourg
Don Warembourg
Manager, Nuclear Production

DW/clS

Enclosure

cc: Director, MIPC

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REPORT DATE: March 19, 1980

REPORTABLE OCCURRENCE 80-08

OCCURRENCE DATE: February 19, 1980

ISSUE 0

Page 1 of 3

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

REPORT NO. 50-267/80-08/03-L-0

FINAL

IDENTIFICATION OF
OCCURRENCE:

On February 19, 1980, with the reactor in a shutdown condition, plant instrument personnel performing routine surveillance testing discovered that setpoints for low flow and fixed low/low flow alarms on one dewpoint moisture monitor and for fixed low/low flow on another moisture monitor were less than the minimum acceptable.

Since reactor operation had occurred since the last successful test completion, this constitutes operation in a degraded mode of LCO 4.4.1, and is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2.

EVENT
DESCRIPTION:

On February 19, 1980, with the reactor in a shutdown condition, plant instrument personnel performing the monthly dewpoint moisture monitor (DPMM) sample flow alarm functional test found that the setpoints for the low flow and fixed low/low flow alarm on dewpoint moisture monitor 1122 and for the fixed low/low flow alarm on dewpoint moisture monitor 1121 were not within the limits specified in the Technical Specifications. Reference Table 1 below for the allowable and actual voltages observed during performance of this test.

TABLE 1

Moisture Monitor	Low-Low Flow		Low Flow	
	Allowable*	Observed	Allowable*	Observed
1121	0.05-0.1V	0.000V	N/A (In Spec)	N/A (In Spec)
1122	0.05-0.1V	0.000V	0.05-0.1V	0.000V

*Note that at 0-2% power conditions, the fixed low-low and low flow alarm setpoints are both set for 1 scc/sec.; thus, the allowable voltages are the same.

EVENT

DESCRIPTION: (Cont'd)

Technical Specification LCO 4.4.1, Table 4.4-1, note (t) calls out minimum sample flow requirements for an operable dewpoint moisture monitor. The last verification of alarm setpoint on the affected moisture monitors occurred during a test run December 13, 1979. The brief periods of reactor operation which have occurred since that verification constitute operation in a degraded mode permitted by LCO 4.4.1.

These sample flow alarm setpoints being out of tolerance would not negate the ability of the monitors to provide a trip input to the plant protective system had a high moisture condition existed.

CAUSE

DESCRIPTION:

Moisture monitor flow alarm settings were out of tolerance due to instrument calibration drift.

CORRECTIVE

ACTION:

Upon discovery that the flow alarm setpoints were out of tolerance, the setpoints were returned to their proper values and the surveillance test successfully completed.

The procedure for adjusting flow alarm setpoints at different reactor power levels has been reviewed. Instrument personnel have been instructed to take particular care when adjusting these setpoints to insure that the technique used for adjustments does not induce a setpoint offset.

A Technical Specification change, which establishes minimum sample flow as a function of the interlock sequence switch position, was submitted in our letter, P-77228, dated November 16, 1977.

No further corrective action is anticipated or required.

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