Public Service Company of Colorado

16805 ROAD 19½
PLATTEVILLE, COLORADO 80651

April 9, 1981
Fort St. Vrain
Unit No. 1
P-81120

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. 50-267/81-023, 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. 50-267/81-023.

Very truly yours,

Don Warembourg
Manager, Nuclear Production

DW/cls

Enclosure

cc: Director, MIPC

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REPORT DATE: April 9, 1981

OCCURRENCE DATE: March 10, 1981

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

REPORT NO. 50-267/81-023/03-L-0

Final

IDENTIFICATION OF OCCURRENCE:

During a greater than 10 gpm release from the reactor building sump, it was discovered that the proportional sampling system was inoperable. This is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2 as a degraded mode of LCO 4.8.3.

EVENT DESCRIPTION:

On March 10, 1981, at 1400 hours, a temporary pump was installed in the reactor building sump due to the inoperability of the normal sump pumps. At 2130 hours, after completing the pre-release conditions of LCO 4.8.3, a greater than 10 gpm release from the reactor building sump was begun.

LCO 4.8.3 allows for releases from the reactor building sump at greater than 10 gpm flow rates provided the following conditions are satisfied:

1. Two grab samples are taken and analyzed for gamma activity prior to the release.

2. Two activity monitors and recorder are operating and equipment is operable to automatically terminate the release on high specific activity or low circulating water blowdown.

3. During the release, the pump discharge must be proportionally sampled.

At 2320 hours on March 10, 1981, it was discovered the proportional sampler was not receiving a sample and the release was terminated.

The in-service activity monitors and recorder did not indicate any increase in activity during the release.

CAUSE
DESCRIPTION:

The cause for the proportional sampler not receiving a sample was that the solenoid valves on the reactor building sump effluent discharge were not open. These valves are energized to open from the starting circuit of the reactor building sump pumps, allowing a sample of the effluent discharge to be continuously collected in a sample drum during a release.

When the temporary sump pump was installed, the need to provide an energizing signal to the solenoid valves was overlooked, resulting in proportional sampling isolation during the release.

CORRECTIVE
ACTION:

Upon discovery of the inoperable proportional sampler, the release was immediately terminated.

Instructions have been issued and status tags hung to insure the proportional sampler is operable when using the temporary sump pump.

Personnel issuing temporary changes will be instructed to insure all aspects of the temporary change have been reviewed.

No further corrective action is anticipated or required.

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Manager, Nuclear Production