



Public Service Company of Colorado

16805 ROAD 15½
PLATTEVILLE, COLORADO 80651

March 3, 1981
Fort St. Vrain
Unit No. 1
P-81078



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/
81-014, 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. 50-267/81-014.

Very truly yours,

Don Warembourg
Don Warembourg
Manager, Nuclear Production

DW/clb

Enclosure

cc: Director, MIPC

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OCCURRENCE REPORT DISTRIBUTION

	<u>Number of Copies</u>
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Mr. Karl V. Seyffrit, Director - - - - - Region IV Office of Inspection and Enforcement Nuclear Regulatory Commission 611 Ryan Plaza Drive Suite 1000 Arlington, Texas 76012	(1) (Original of P Letter and Copy of LER)
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Mr. Richard Phelps - - - - - FSV, GA, Site Representative General Atomic Company P. O. Box 426 Platteville, Colorado 80651	10 (Original of FPLG Letter plus Two Copies, One Copy of P Letter, One Copy of LER)
Mr. Bill Lavalee - - - - - Nuclear Safety Analysis Center 3412 Hillview Avenue P. O. Box 10412 Palo Alto, California 94303	1 (P Letter, LER)
NRC Resident Site Inspector - - - - -	1 (P Letter, LER)

REPORT DATE: March 3 1981

REPORTABLE OCCURRENCE 81-014

OCCURRENCE DATE: January 4, 1981

ISSUE 0

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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. 50-267/81-014/03-L-0

Final

IDENTIFICATION OF
OCCURRENCE:

During normal operation, while 1A instrument air compressor was cleared out for maintenance, 1C instrument air compressor tripped leaving only 1B instrument air compressor in service.

This resulted in a degraded mode of LCO 4.3.6 and is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2.

EVENT
DESCRIPTION:

At 2030 hours on February 4, 1981, while operating at 65% thermal power and 199 MW(e), 1C instrument air compressor tripped on high discharge air temperature. Since 1A instrument air compressor was cleared out at this time for after-cooler maintenance, only 1B instrument air compressor was operable.

LCO 4.3.6 requires at least two instrument air compressors to be operable during power operation.

Plant operations personnel checked the compressor, increased the cooling water flow by opening the temperature control valve bypass, and returned the air compressor to service.

Repairs to 1A instrument air compressor were completed, and the unit returned to service at 1910 hours on February 5, 1981.

CAUSE
DESCRIPTION:

1C instrument air compressor tripped on high discharge air temperature due to fouling of the cooling water jacket. The fouling is a continuous process and requires periodic cleaning of the cooling water jacket. As fouling increases, the cooling water temperature control valve bypass is opened to admit extra service water to the compressor until a point is reached when cleaning is required.

CAUSE
DESCRIPTION:

1A instrument air compressor was cleared out at this time for tube repairs of its after-cooler.

CORRECTIVE
ACTION:

The plant operators inspected the air compressor, increased the cooling water flow by opening the bypass, and returned 1C instrument air compressor to service.

1A instrument air compressor after-cooler repair was completed, and the air compressor returned to service the following day, February 5, 1981.

On February 23, 1981, with 1A and 1B instrument air compressor in service, 1C instrument air compressor was taken out of service for inspection and cleaning of the after-cooler.

No further corrective action is anticipated or required.

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