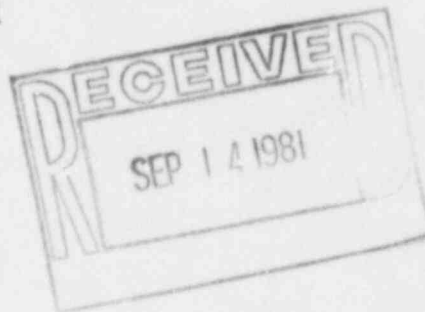




Public Service Company of Colorado

September 11, 1981
Fort St. Vrain
Unit No. 1
P-81226



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. 50-267/81-050, 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. 50-267/81-050.

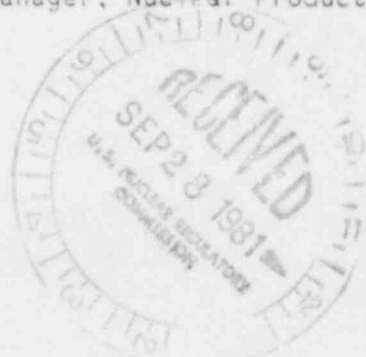
Very truly yours,

Don Warembourg
Don Warembourg
Manager, Nuclear Production

DW/cl's

Enclosure

cc: Director, MIPC



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REPORT DATE: September 11, 1981
Determined
OCCURRENCE DATE: August 14, 1981

REPORTABLE OCCURRENCE 81-050
ISSUE 0
Page 1 of 2

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

REPORT NO. 50-267/81-050/03-L-0

Final

IDENTIFICATION OF
OCCURRENCE:

On August 14, 1981, it was determined that the total dissolved solids in the plant nonradioactive liquid effluent exceeded 2300 parts per million on August 9, 1981. This is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2 as a degraded mode of LCO NR 1.1.

EVENT
DESCRIPTION:

The reactor power level was increased from 45% starting August 3, 1981, and reached approximately 70% on August 6, 1981. The increase in power level was responsible for increased evaporation of the circulating water resulting in increased solids in the circulating water tower basin and higher total dissolved solids in the blowdown water. The increase was monitored by the Chemistry Department, but the increase on midnight shift on August 9, 1981, resulted in the limit of 2300 parts per million being exceeded.

The corrective action taken was to reduce cold side blowdown and increase raw water blowdown, which brought the total dissolved solids within limits by the next shift's sample.

CAUSE
DESCRIPTION:

The increased total dissolved solids in the plant nonradioactive effluent was due to increased evaporation caused by reactor power level increases and improper blowdown adjustment.

CORRECTIVE
ACTION:

The main cooling water blowdown was adjusted to reflect the plant power levels.

No further corrective action is anticipated or required.

Prepared By: Asa B. Reed
Asa B. Reed
Technical Services Technician

Reviewed By: Milt McBride
Milt McBride
Technical Services Manager

Reviewed By: [Signature]
Edwin D. Hild
Station Manager

Approved By: Don Warembourg
Don Warembourg
Manager, Nuclear Production