

Public Service Company <sup>of</sup> Colorado

16805 Road 19 1/2, Platteville, Colorado 80651-9298

November 16, 1981  
Fort St. Vrain  
Unit No. 1  
P-81294

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. 50-267/81-065, 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. 50-267/81-065.

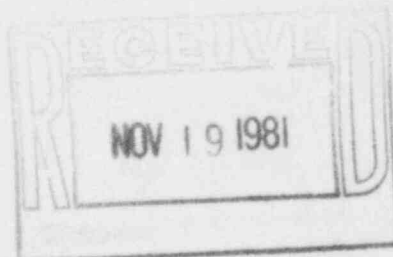
Very truly yours,

*Don Warembourg*  
Don Warembourg  
Manager, Nuclear Production

DW/clg

Enclosure

cc: Director, MIPC



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REPORT DATE: November 16, 1981

REPORTABLE OCCURRENCE 81-065

ISSUE 0

OCCURRENCE DATE: October 17, 1981

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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. 50-267/81-065/03-L-0

Final

IDENTIFICATION OF  
OCCURRENCE:

During the period between October 17, 1981, through October 19, 1981, the hot reheat header activity monitors were taken out of service on several occasions. This is a degraded mode of LCO 4.4-1, Table 4.4-2, and is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2.

EVENT  
DESCRIPTION:

At the beginning of October, a leak across the #5 feedwater heater tube sheet was discovered. The leak was large enough to preclude operation above 70% power. The heater isolation valves were also found to be leaking excessively which prevented isolation of the heater during operation of the plant to effect necessary repairs of the heater.

To enable the testing (RT-500K) to be completed before the scheduled maintenance period, it was decided to remove #5 feedwater heater from the normal feedwater header and cap the heater isolation piping. Operation of the plant could continue on the emergency feedwater header.

On October 5, 1981, the transfer to the emergency feedwater header was made, and the repair modification to the normal feedwater header began. On October 17, 1981, the welding was started on the #5 heater piping. Radiography was required at various points in the procedure to verify the quality of the welds. The hot reheat header activity monitors were in close proximity to the work area. To prevent loop shutdowns on high header activity from being initiated by the radiography source, the reheat activity monitors were removed from service. This was done using approved procedures which were reviewed and approved by the Plant Operations Review Committee. The activity monitors were only taken out of service during the actual radiography and were returned to service immediately after the exposure was completed. In all cases, the activity monitors were returned to service within the 12 hour limit required by LCO 4.4.1. The welding and radiography were completed on October 19, 1981, and the normal feedwater header was returned to service at 2210 hours.

CAUSE  
DESCRIPTION:

Radiography required per Quality Assurance Procedures necessitated removing these instruments from service to prevent undesired loop shutdowns.

CORRECTIVE  
ACTION:

The instruments were returned to service following the required radiography.

Prepared By: Paul Moore  
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Reviewed By: Charles Fuller  
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Technical Services Engineering Supervisor

Reviewed By: Ed Hill  
Edwin D. Hill  
Station Manager

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Don Warembourg  
Manager, Nuclear Production