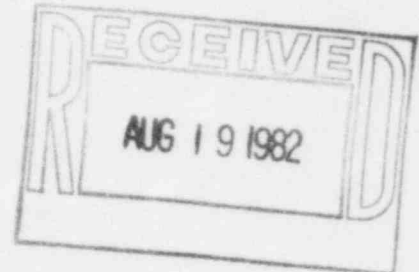




Public Service Company of Colorado

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

August 17, 1982
Fort St. Vrain
Unit No. 1
P-82325



Mr. John T. Collins, Regional Administrator
Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Reference: Facility Operating License
No. DPR-34

Docket No. 50-267

Dear Mr. Collins:

Enclosed please find a copy of Reportable Occurrence Report No. 50-267/82-029, Revised 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. 50-267/82-029.

Very truly yours,

Don Warembourg
Don Warembourg
Manager, Nuclear Production

DW/clS

Enclosure

cc: Director, MIPC

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REPORTABLE OCCURRENCE DISTRIBUTION

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REPORT DATE: August 17, 1982

REPORTABLE OCCURRENCE 82-029

OCCURRENCE DATE: July 12, 1982

ISSUE 1
Page 1 of 3

FORT ST. VRAIN NUCLEAR GENERATING STATION
PUBLIC SERVICE COMPANY OF COLORADO
16805 WELD COUNTY ROAD 19 1/2
PLATTEVILLE, COLORADO 80651-9298

REPORT NO. 50-267/82-029/03-X-1

Revised Final

IDENTIFICATION OF
OCCURRENCE:

On three occasions in July, 1982, emergency feedwater was unavailable to drive the helium circulator pelton wheels. With the reactor operating at approximately 70% power during each occasion, this constitutes a degraded mode of Fort St. Vrain Technical Specification LCO 4.2.2(a) and is reportable per AC 7.5.2(b)2.

EVENT
DESCRIPTION:

Event #1

At 0600 hours on July 12, 1982, Loop 2 emergency feedwater header to Loop 2 helium circulator pelton wheel drives was isolated to perform maintenance on leaking safety valves, V-21523 and V-21543. However, efforts to cool the header down to safe working conditions were not successful due to unexpected steam in-leakage. Maintenance efforts were curtailed, and the header was returned to service at 1500 hours on July 12, 1982.

Event #2

At 0600 hours on July 20, 1982, both Loop 1 and Loop 2 emergency feedwater headers to the helium circulator pelton wheel drives were isolated to perform maintenance on the leaking Loop 1 safety valves, V-21522 and V-21542, and Loop 2 safety valves, V-21523 and V-21543. At 2211 hours on July 20, 1982, both loops were returned to service for testing and were considered operable.

Event #3

At 0700 hours on July 21, 1982, Loop 1 and Loop 2 emergency feedwater headers to the helium circulator pelton wheel drives were again cleared out to perform maintenance on safety valves, V-21522, V-21523, V-21542, and V-21543. At 0650 hours on July 22, 1982, both Loop 1 and Loop 2 emergency feedwater headers were returned to service.

On all three occasions the emergency feedwater headers to the helium circulator pelton wheel drives were returned to service within the 24 hour time limit allowed by Fort St. Vrain Technical Specification LCO 4.2.2(a). During each occasion, the emergency condensate and firewater headers to the pelton wheel drives remained operable and would have provided the motive force necessary for driving the helium circulators had the need arisen.

CAUSE
DESCRIPTION:

On each occasion, the emergency feedwater headers were taken out of service in order to perform maintenance on leaking pelton water drive header safety valves. The safety valve leakage is attributed to normal wear.

CORRECTIVE
ACTION:

Event #1

The Loop 2 emergency feedwater header was returned to service after nine hours. No maintenance was performed.

Event #2

Both Loop 1 and Loop 2 emergency feedwater headers were returned to service after 16 hours. Maintenance was performed on the pelton wheel drive header safety valves.

Event #3

Both Loop 1 and Loop 2 emergency feedwater headers were returned to service after 23.8 hours. Maintenance was completed on the pelton wheel drive header safety valves.

Prepared By: Paul A. Tramp
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Technical Services Engineering Supervisor

Reviewed By: Edwin D. Hill
Edwin D. Hill
Station Manager

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Manager, Nuclear Production