



Public Service Company of Colorado

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

December 29, 1982
Fort St. Vrain
Unit No. 1
P-82559

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. 50-267/82-046, 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. 50-267/82-046.

Very truly yours,

JJ Borst for
Don Warembourg
Manager, Nuclear Production

DW/clis

Enclosure

cc: Director, MIPC

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REPORT DATE: December 29, 1982

REPORTABLE OCCURRENCE 82-046

OCCURRENCE DATE: November 30, 1982

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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. 50-267/82-046/03-L-0

Final

IDENTIFICATION OF
OCCURRENCE:

On two occasions on November 30, 1982, with the reactor operating at less than 1% thermal power, two analytical system moisture monitors, ME-9306 and ME-9307, were taken out of service, leaving only one operable monitor in service. This is reportable as a degraded mode of LCO 4.4.5 per Fort St. Vrain Technical Specification AC 7.5.2(b)2.

EVENT
DESCRIPTION:

Entrapped moisture in the primary coolant sample lines to ME-9306 and ME-9307 was suspected of causing erroneous reactor dewpoint temperature indications. The monitors were taken out of service on two occasions for purposes of purging the moisture from these lines.

Event No. 1:

On November 30, 1982, from approximately 1100 hours until 1300 hours, moisture monitors ME-9306 and ME-9307 were simultaneously taken out of service for a period of two hours. During this time, moisture monitor ME-9305 was placed in service to indicate primary coolant moisture.

Event No. 2:

On November 30, 1982, from approximately 1700 hours until 0430 hours on December 1, 1982, moisture monitors ME-9306 and ME-9307 were again taken out of service for an 11 1/2 hour period. During this time, moisture monitor ME-9305 was placed in service to indicate primary coolant moisture.

The moisture monitors, ME-9306 and ME-9307, were returned to service within the allowable 12 hour time period of LCO 4.4.5 in both events.

CAUSE
DESCRIPTION:

High moisture levels in the primary coolant resulted in water condensation within the primary coolant sample lines to ME-9306 and

ME-9307. This situation was suspected of causing erroneous reactor dewpoint temperature indications and therefore, made it necessary to remove the monitors from service and purge the water from the lines.

CORRECTIVE
ACTION:

Temporary Configuration Report, TCR 82-112, was issued to direct a high flow rate helium purge through the primary coolant sample lines to ME-9306 and ME-9307 in both events. To ensure an unobstructed flow path through the moisture monitors, temporary connections were made from the high pressure helium supply tanks to the primary coolant sample lines. Following the helium purge, the primary coolant sample lines were reconnected, and flow was re-established through the moisture monitors.

No further corrective action is anticipated or required.

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