



Public Service Company of Colorado

16805 ROAD 19½
PLATTEVILLE, COLORADO 80651

LER
50-267/81-35

June 10, 1981
Fort St. Vrain
Unit No. 1
P-81165



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. 50-267/81-035, 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. 50-267/81-035.

Very truly yours,

Don Warembourg
Manager, Nuclear Production

DW/clb

Enclosure

cc: Director, MIPC

IE22
1/1

8107280364 810610
PDR ADOCK 05000267
S PDR

REPORT DATE: June 10, 1981

REPORTABLE OCCURRENCE 81-035

OCCURRENCE DATE: May 11, 1981

ISSUE 0

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

REPORT NO. 50-267/81-035/03-L-0

Final

IDENTIFICATION OF
OCCURRENCE:

During normal surveillance testing, K-9204X, "B" diesel engine for "A" emergency generator set, tripped and declutched on starting.

This constitutes operation in a degraded mode per LCO 4.6.1(d) and is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2.

EVENT
DESCRIPTION:

On May 11, 1981, with the plant operating at steady state 70% thermal power and 230 MWe, Operations personnel were performing normal surveillance testing on the emergency diesel generators. When the "A" emergency diesel generator was started, the "B" engine tripped and declutched, reducing the available output of "A" diesel generator. The "B" diesel generator set was operable during this occurrence, and if necessary, "A" diesel generator set was available at a reduced output.

CAUSE
DESCRIPTION:

The cause of the occurrence was a faulty temperature switch for "B" diesel engine. The temperature switch measures the engine exhaust manifold temperature after starting and activates a trip circuit to trip and declutch the effected engine if the exhaust temperature does not increase to 175 degrees fahrenheit within 30 seconds, indicative of an engine failure to start or an improper load balance. This is to prevent dragging down the associated engine and generator.

The failure of the temperature switch is attributed to normal wear.

CORRECTIVE
ACTION:

The faulty temperature switch was replaced, and "A" emergency diesel generator set returned to service after surveillance testing was successfully completed.

No further corrective action is anticipated or required.

Prepared By: Paul Moore
Paul Moore
Technical Services Technician

Reviewed By: D. W. Gahn
D. W. Gahn
Technical Services Supervisor

Reviewed By: Frank M. Mathie
Frank M. Mathie
Operations Manager

Approved By: Don Warembourg
Don Warembourg
Manager, Nuclear Production