



Public Service Company of Colorado

16805 ROAD 19½
PLATTEVILLE, COLORADO 80651

May 20, 1981
Fort St. Vrain
Unit No. 1
P-81148



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. 50-267/81-029, 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. 50-267/81-029.

Very truly yours,

Don Warembourg
Don Warembourg
Manager, Nuclear Production

DW/clb

Enclosure

cc: Director, MIPC

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REPORT DATE: May 20, 1981

REPORTABLE OCCURRENCE 81-029

OCCURRENCE DATE: April 20, 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. 50-267/81-029/03-L-0

Final

IDENTIFICATION OF
OCCURRENCE:

The 1D emergency diesel of 1B emergency generator set failed the weekly 50% load test. This is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2 as a degraded mode of LCO 4.6.1d.

EVENT
DESCRIPTION:

On April 20, 1981 while operating at 50% thermal power and 170 MW electrical power, the weekly emergency diesel generator 50% load test was conducted. The surveillance for 1A emergency generator set was completed satisfactorily. The operator secured 1A emergency generator set and started testing on 1B emergency generator set.

Approximately 10 minutes before the two hour test period was completed, the operator checked the 1B emergency generator set and found it operating properly. About five minutes later, the operator received a call from a security guard, who had observed an oil mist in the 1B emergency diesel generator room.

The operator returned to the 1B emergency generator room and secured the diesel generator set. Upon examining the diesel engines, he discovered a fuel leak on #1 injector of 1D diesel engine.

Maintenance personnel were called to repair the leaking fuel line and found the injector had failed and was jammed in the precombustion chamber. The entire injector precombustion chamber was removed and replaced. The emergency diesel generator set was retested and found satisfactory on April 23 1981, and then returned to service.

CAUSE
DESCRIPTION:

The cause of this occurrence was a failed fuel injector.

REPORTABLE OCCURRENCE 81-029

ISSUE 0

Page 2 of 3

CORRECTIVE

ACTION:

The fuel injector and precombustion chamber were replaced. The emergency generator set was retested and returned to service.

No further corrective action is anticipated or required.

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

Reviewed By: J. W. Gahm
J. W. Gahm
Technical Services Supervisor

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

Approved By: Don Warembourg
Don Warembourg
Manager, Nuclear Production