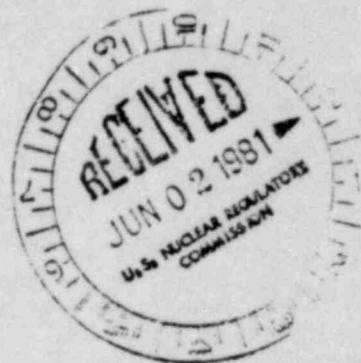




# Public Service Company of Colorado

16805 ROAD 19½  
PLATTEVILLE, COLORADO 80651

April 9, 1981  
Fort St. Vrain  
Unit No. 1  
P-81117



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. 50-267/79-05, 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. 50-267/79-05.

Very truly yours,

*Don Warembourg*  
Don Warembourg  
Manager, Nuclear Production

DW/clb

Enclosure

cc: Director, MIPC

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REPORT DATE: March 9, 1981

REPORTABLE OCCURRENCE 79-05

OCCURRENCE DATE: February 9, 1979

ISSUE 1

Page 1 of 4

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

REPORT NO. 50-267/79-05/03-X-1

Final

IDENTIFICATION OF  
OCCURRENCE:

On February 9, 1979, while performing the loss of outside electrical power Surveillance Test, one diesel generator output circuit breaker would not close.

This condition is a degraded mode of Fort St. Vrain Technical Specification LCO 4.6.1.d.3 and is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2.

EVENT  
DESCRIPTION:

While the plant was shutdown, the Surveillance Test was being run, which simulates the loss of outside electrical power and main turbine trip. Upon simulation of loss of outside electrical power and turbine trip, both diesel generators started automatically. However, the diesel generator 1A output breaker (252 DGLA) to the essential 480 volt bus No. 1 did not close (refer to Figure 1). Diesel generator 1B had been interlocked to simulate that it would not be the first generator to reach operating conditions, as required by the procedure. Therefore, diesel generator 1B correctly did not close in on 480 volt bus No. 3, because diesel generator 1A had not closed in to supply 480 volt bus No. 1 first.

CAUSE  
DESCRIPTION:

The breaker was examined and the manufacture's representative consulted to determine the cause of failure. Upon dismantling the breaker, it was determined that the grease used for several pivot pins had hardened due to the high temperature encountered during normal conditions in the switchgear cabinets. The hardened grease acted to bind the pivot pins and the moving assemblies, preventing the breaker from closing. This problem was of an intermittent nature.

CORRECTIVE  
ACTION:

The immediate corrective action was to replace the breaker with a spare and complete the surveillance.

Following this, the breaker was dismantled and relubricated, which again made it operable.

A new Electrical Maintenance Procedure has been written, using the manufacturer's recommendation, to completely dismantle the breakers and relubricate them. This maintenance is scheduled for completion every six months.

No further corrective action is anticipated or required.

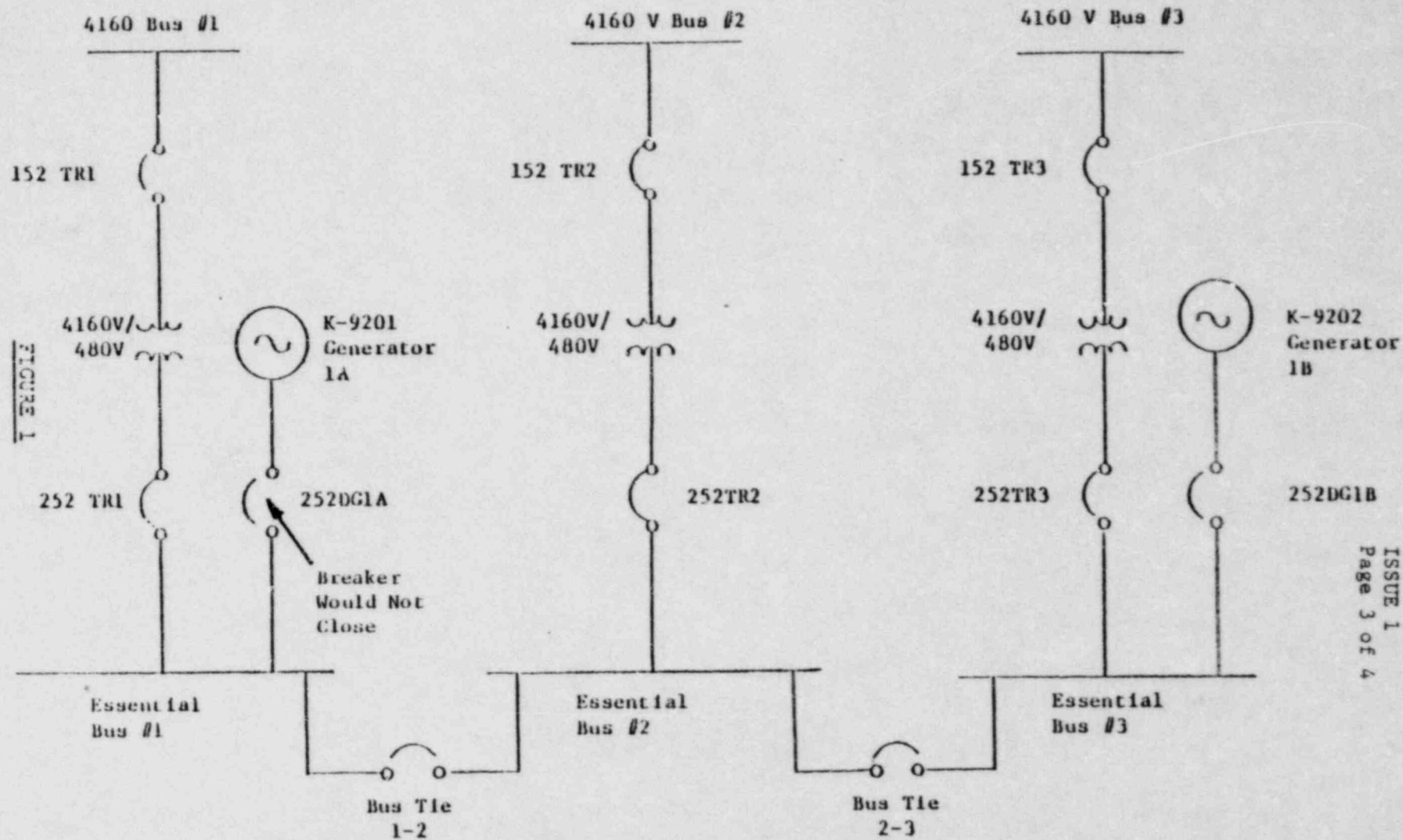


FIGURE 1



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

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

Reviewed By: F. M. Mathie by Don  
Frank M. Mathie  
Operations Manager

Approved By: Don Warembourg  
Don Warembourg  
Manager, Nuclear Production