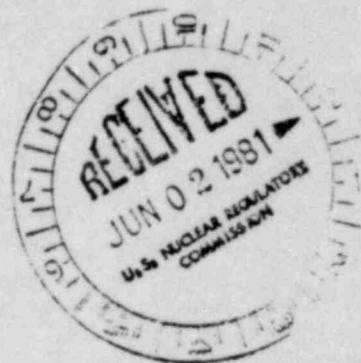




Public Service Company of Colorado

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.

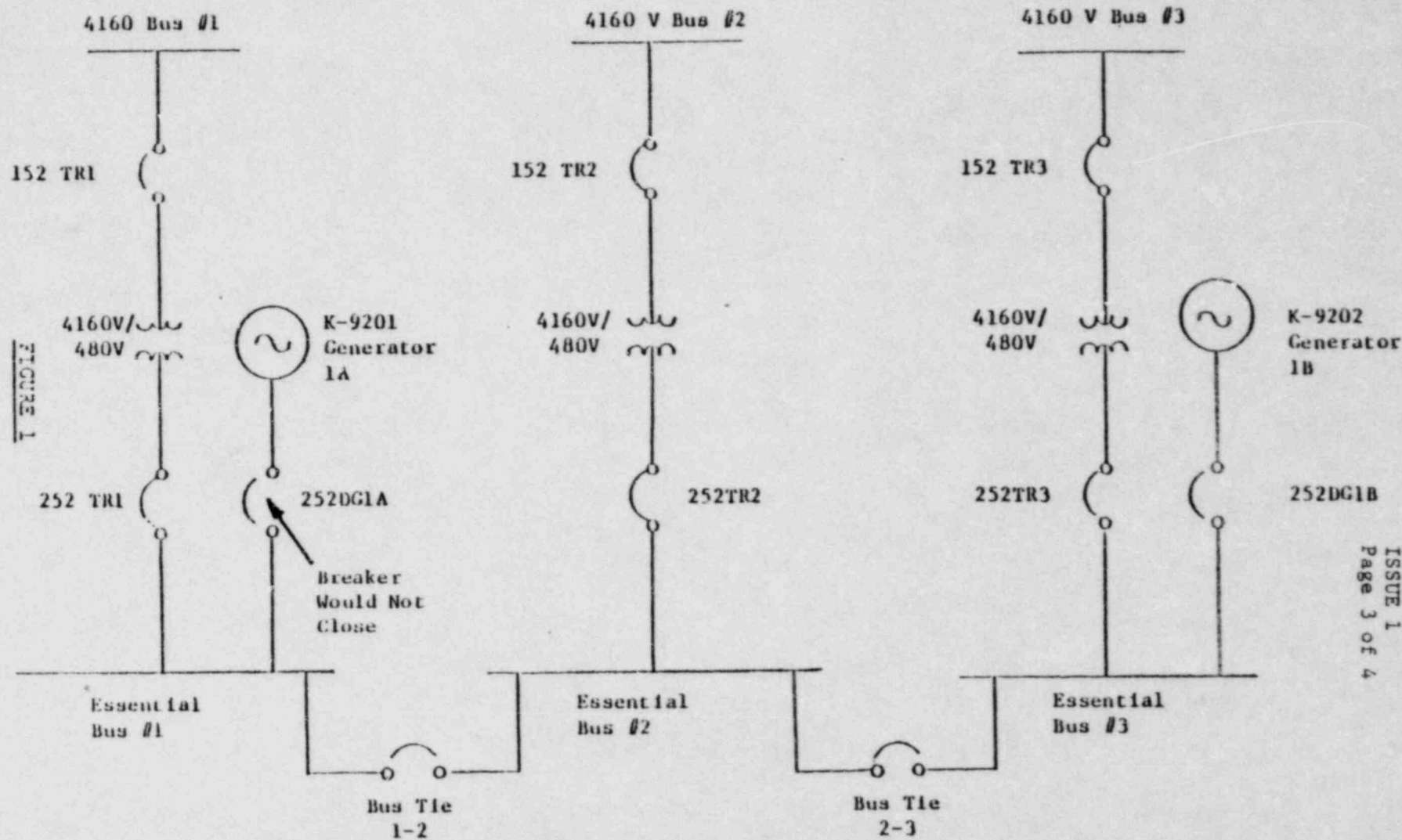


FIGURE 1

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