



Public Service Company of Colorado

P. O. Box 361, Platteville, Colorado 80651

March 9, 1979
Fort St. Vrain
Unit No. 1
P-79059

Mr. Karl V. Seyfrit, Director
Nuclear Regulatory Commission
Region IV
Office of Inspection and Enforcement
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76012

REF: Facility Operating License
No. DPR-34

Docket No. 50-267

Dear Mr. Seyfrit:

Enclosed please find a copy of Reportable Occurrence Report No. 50-267/79-05/03-L-0, Preliminary, 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. 50-267/79-05/03-L-0.

Very truly yours,

Don Warembourg
Don Warembourg
Manager, Nuclear Production

DW/alk

cc: Director, MIPC

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REPORT DATE: March 9, 1979

REPORTABLE OCCURRENCE 79-05

ISSUE 0

OCCURRENCE DATE: February 9, 1979

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FORT ST. VRAIN NUCLEAR GENERATING STATION
PUBLIC SERVICE COMPANY OF COLORADO
P. O. BOX 361
PLATTEVILLE, COLORADO 80651

REPORT NO. 50-267/79-05/03-L-0

Preliminary

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 in violation of Fort St. Vrain Technical Specification LCO 4.6.1(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 called for 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:

Undetermined. Bench testing of breaker was successful. No electrical or mechanical malfunction could be ascertained.

The breaker had operated just prior to this loss of outside electrical power test, when the diesel generator set had been loaded manually to verify proper operation and it operated satisfactorily just after the loss of outside electrical power test when closed manually to again test operation.

CAUSEDESCRIPTION (continued):

There have been three previous reports on this type of problem with the automatic load shedding, load programming, and automatic start of diesel generator sets. Two Reportable Occurrence Reports, 50-267/77-06(30) and 50-267/77-08(14), dealt with mechanical damage to the breakers or controls and were unrelated non-recurring type events. The third report, Reportable Occurrence Report No. 50-267/77-31(30) and Reportable Occurrence Report No. 50-267/77-31(30)A, was similar to this event and after inspection and evaluation by the manufacturer, no mechanical or electrical malfunction could be found.

CORRECTIVEACTION:

The faulty breaker was replaced with a spare and is currently being inspected and tested. The results of the investigation will be reported in a supplement to this report.

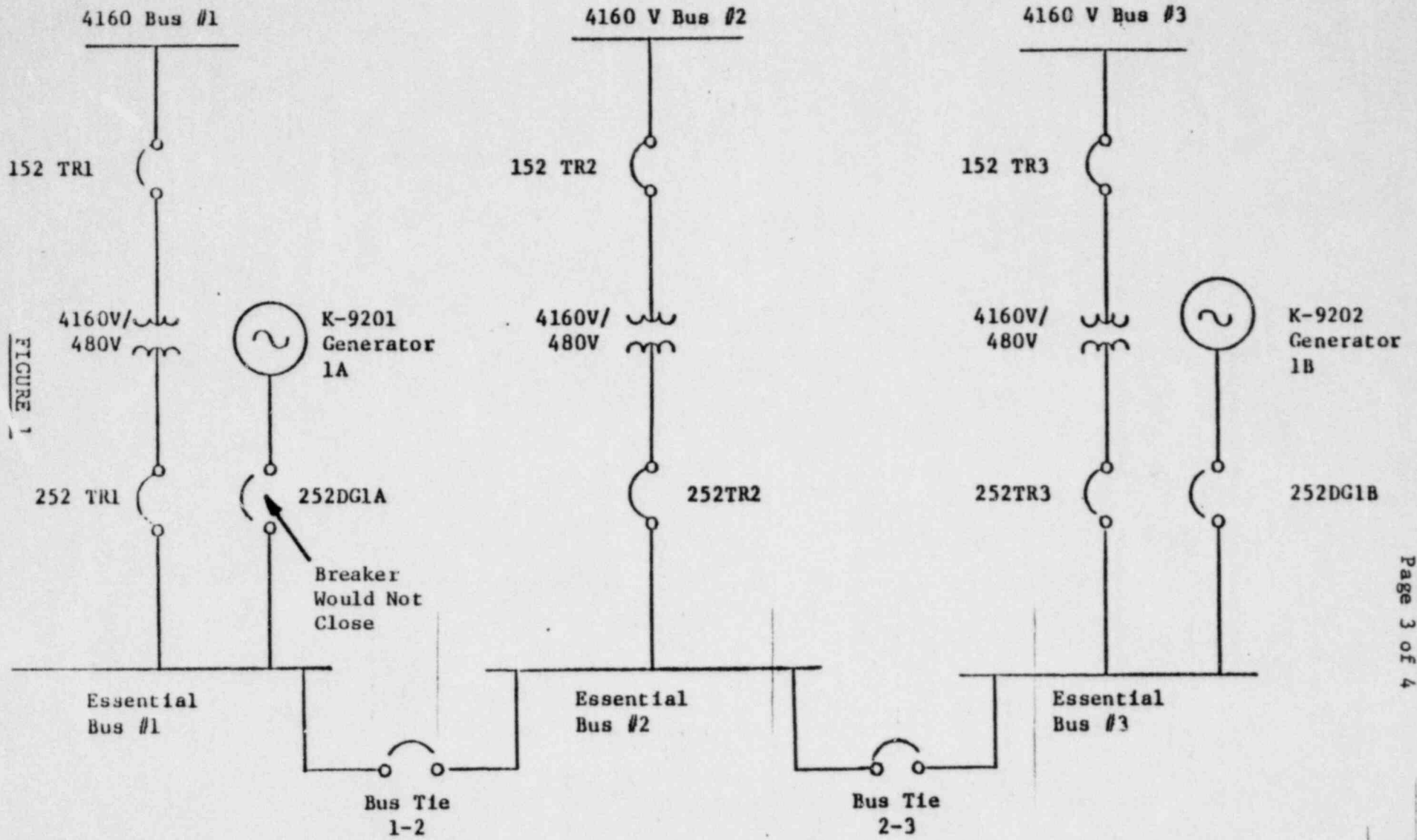


FIGURE 1

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

Reviewed by: J. W. Gahn
J. W. Gahn
Technical Services Supervisor

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

Approved by: Don Warembourg
Don Warembourg
Manager, Nuclear Production