

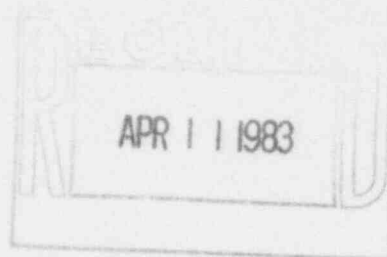


Public Service Company of Colorado

16805 Road 19 1/2, Platteville, Colorado 80651-9298

April 8, 1983
Fort St. Vrain
Unit No. 1
P-83140

Mr. John T. Collins, Regional Administrator
Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011



Reference: Facility Operating License
No. DPR-34

Docket No. 50-267

Dear Mr. Collins:

Enclosed please find a copy of Reportable Occurrence Report No. 50-267/83-014, 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. 50-267/83-014.

Very truly yours,

Don Warembourg
Manager, Nuclear Production

DW/cl's

Enclosure

cc: Director, MIPC

H005

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REPORT DATE: April 8, 1983

REPORTABLE OCCURRENCE 83-014
ISSUE 0

OCCURRENCE DATE: March 9, 1983

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FORT ST. VRAIN NUCLEAR GENERATING STATION
PUBLIC SERVICE COMPANY OF COLORADO
16805 WELD COUNTY ROAD 19 1/2
PLATTEVILLE, COLORADO 80651-9298

REPORT NO. 50-267/83-014/03-L-0

Final

IDENTIFICATION OF
OCCURRENCE:

On March 9, 1983, while operating at 29% reactor power, the 1D emergency diesel of 1B emergency set tripped during the performance of the weekly load test surveillance. This is reportable as a degraded mode of LCO 4.6.1(d) per Fort St. Vrain Technical Specification AC 7.5.2(b)2.

EVENT
DESCRIPTION:

On March 9, 1983, while operating at 29% reactor power, the weekly standby diesel generator test (SR 5.6.1a-w) was conducted. The portion of the test for 1A emergency generator set was satisfactorily completed, and the test of 1B emergency generator was started at 1242 hours on March 9, 1983. At approximately 1300 hours, the Control Room operators observed a DC bus ground alarm and the KW load on the 1B generator set fluctuating between 300 KW and 0 KW. Following approximately three of these fluctuations, the breaker tripped on the 1B emergency generator, shutting down the generator set.

Plant Electricians investigating the nature of the trip discovered that an electrical conduit lock nut had worked loose from a conduit termination point and caused an intermittent ground of the DC electrical system affecting the engine speed governor.

Electrical personnel reconnected the loose conduit lock nut.

The Surveillance Test (SR 5.6.1a-w) for 1B emergency diesel generator was restarted at 1523 hours and satisfactorily completed at 1825 hours on March 9, 1983.

CAUSE
DESCRIPTION:

A loose conduit termination lock nut caused an intermittent ground of the direct current (DC) electrical system affecting the engine speed governor. The resultant load cycling caused the 1B diesel generator trip.


CORRECTIVE
ACTION:

The conduit termination lock nut was retightened and secured.

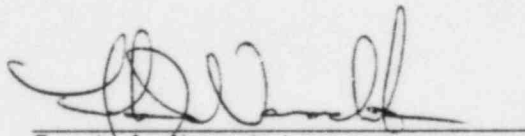
Emergency generator set 1B was retested and returned to service.

No further corrective action is anticipated or required.

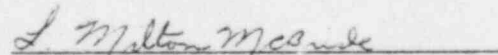
Prepared By:


Robert A. Dickerson
Senior Technical Services Technician

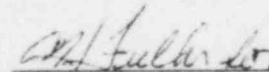
Reviewed By:


Frank J. Novachek
Technical Services Engineering Supervisor

Reviewed By:


L. M. McBride
Station Manager

Approved By:


Don Warembourg
Manager, Nuclear Production