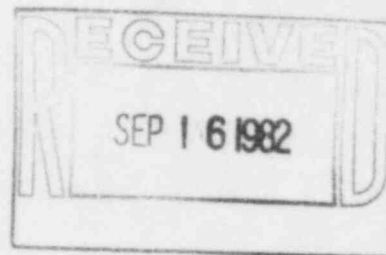




Public Service Company ^{of} Colorado

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

September 13, 1982
Fort St. Vrain
Unit No. 1
P-82388



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. 50-267/82-034, 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. 50-267/82-034.

Very truly yours,

Don Warembourg
Don Warembourg
Manager, Nuclear Production

DW/cl's

Enclosure

cc: Director, MIPC

8209270124 820913
PDR ADOCK 05000267
S PDR

IE 22

REPORT DATE: September 13, 1982

REPORTABLE OCCURRENCE 82-034

ISSUE 0

OCCURRENCE DATE: August 14, 1982

Page 1 of 4

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

REPORT NO. 50-267/82-034.03-L-0

Final

IDENTIFICATION OF
OCCURRENCE:

On August 14, 1982, with the reactor operating at approximately 70% power, the Loop 1 emergency feedwater header to the Loop 1 helium circulator pelton wheel drives was taken out of service for maintenance. This constitutes a degraded mode of Fort St. Vrain Technical Specification LCO 4.2.2, Section a, and is reportable per AC 7.5.2(b)2.

EVENT
DESCRIPTION:

Reference Figure 1

On August 14, 1982, PV-21243-1 (Loop 1 emergency feedwater pelton wheel drive header pressure control valve) was reported to have a body-to-bonnet flange leak. This leak did not affect the system control as PV-21243 (upstream of PV-21243-1) was still operational. PV-21243-1 had previously been suspected of having internal seat leakage also.

At 1600 hours the same day, a system clearance was obtained to isolate and perform corrective maintenance to PV-21243-1. This isolation required closing V-211615 (Loop 1 emergency feedwater pelton wheel drive header isolation valve) which removed the emergency feedwater turbine drive capability to 1A and 1B helium circulators.

The header was isolated for a total of 5.25 hours during maintenance, within the 24 hours allowed by LCO 4.2.2, Section a. Had it been necessary during this period, emergency condensate and firewater could have been utilized to drive the circulator peltons.

CAUSE
DESCRIPTION:

The leakage observed at PV-21243-1 was found to be from a minute hole on the 1/2" outlet piping of PV-21243-1. Due to the location and direction of the leakage, it was first thought to be emitting from the body-to-bonnet area.

The internal leakage was due to normal wear of the seat and disc seating surfaces.

CORRECTIVE
ACTION:

PV-21243-1 was disassembled, and repairs were made to the internals and the affected section of outlet piping. The piping was replaced with an acceptable replacement which has a thicker wall than the original section.

The header was returned to service at 2115 hours on August 14, 1982.

No further corrective actions are anticipated or required.

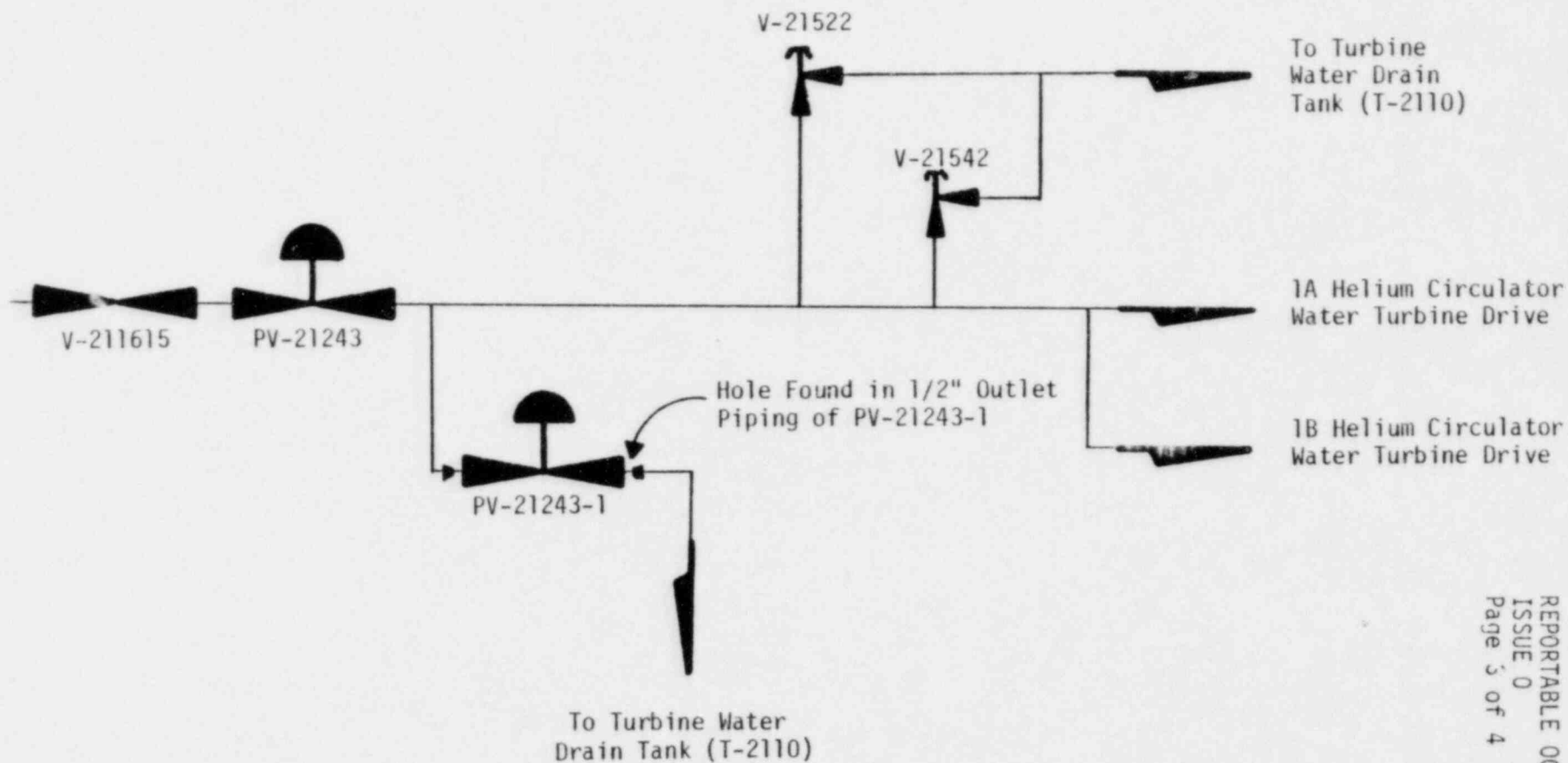
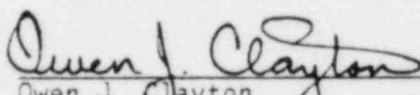


FIGURE 1

Emergency Feedwater to Helium Circulator
Water Turbine Drives - Loop 1

Prepared By:


Owen J. Clayton

Technical Services Technician

Reviewed By:



Charles Fuller

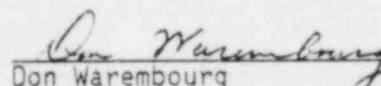
Technical Services Engineering Supervisor

Reviewed By:



Edwin D. Hyatt
Station Manager

Approved By:



Don Warembourg
Manager, Nuclear Production