

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 C O F S V 1 2 U O - 0 0 0 0 0 0 - 0 0 3 4 1 1 2 0 4 5
7 8 9 14 15 25 26 30 57 CAT 58

CON'T
01 REPORT SOURCE L 6 0 5 0 0 0 2 6 7 7 0 7 0 6 8 3 8 0 8 0 5 8 3 9
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On July 6, 1983, the level in the Liquid Nitrogen Storage Tank (T-2501) decreased to
03 less than 650 gallons. This constitutes operation in a degraded mode of LCO 4.2.12
04 and is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2. No
05 accompanying occurrence. No effect on public health or safety. Similar reports:
06 RO's 81-071, 81-025, 81-021, 81-011, 80-039, 78-13, and 77-11.

07
08
7 8 9 80

09
7 8
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
A D 11 A 12 A 13 Z Z Z Z Z Z 14 Z 15 Z 16
9 10 11 12 13 18 19 20
17 LER/RO REPORT NUMBER EVENT YEAR 8 3 21 22
18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
H 18 Z 19 Z 20 Z 21 0 0 0 0 22 Y 23 N 24 Z 25 Z 9 9 9 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The south "outside" Liquid Nitrogen Storage Tank became empty and the personnel
11 involved did not take corrective measures to maintain the volume of liquid nitrogen
12 in T-2501 at greater than 650 gallons. The north "outside" Liquid Nitrogen Tank was
13 placed in service as the supply source of liquid nitrogen to T-2501. The requirements
14 of Technical Specification LCO 4.2.12 were reemphasized with the Operations personnel
involved. A memorandum from Fort St. Vrain Management regarding frequency of personnel
errors and possibility of reprimands for future violations has been issued. No
further corrective action is anticipated or required.

14
7 8 9 80
FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)
15 C 28 0 1 3 29 N/A 44 D 31 NRC Inspector Observation 46 80
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)
16 Z 33 Z 34 N/A 44 N/A 45 80

PERSONNEL EXPOSURES
NUMBER TYPE DESCRIPTION (39)
17 0 0 0 37 Z 38 N/A 80

PERSONNEL INJURIES
NUMBER DESCRIPTION (41)
18 0 0 0 40 N/A 80

LOSS OF OR DAMAGE TO FACILITY
TYPE DESCRIPTION (43)
19 Z 42 N/A 80

PUBLICITY
ISSUED DESCRIPTION (45)
20 N 44 N/A 80

NAME OF PREPARER

PHONE: (303) 785-2224

NRC USE ONLY

REPORT DATE: August 5, 1983

REPORTABLE OCCURRENCE RO 83-024
ISSUE 0

OCCURRENCE DATE: July 6, 1983

Page 1 of 3

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/RO 83-024/03-L-0

Final

IDENTIFICATION OF
OCCURRENCE:

On July 6, 1983, the level in the liquid nitrogen storage tank (T-2501) decreased to less than 650 gallons. This constitutes operation in a degraded mode of LCO 4.2.12 and is reportable per Fort St. Vrain Technical Specification AC 7.5.2(b)2.

EVENT
DESCRIPTION:

On July 6, 1983, during a routine operation of filling the supply tanks (dewars) for the plant protective system (PPS) moisture monitors from the Liquid Nitrogen Storage Tank (T-2501), the south "outside" dewar supplying T-2501 became empty. As a result, the liquid nitrogen level in T-2501 began to decrease, and a control room alarm later indicated that the volume of liquid nitrogen in T-2501 had decreased to less than 750 gallons.

The volume of liquid nitrogen in T-2501 continued to decrease, and at 0650 hours, it fell below the 650 gallon minimum specified in LCO 4.2.12. Shortly after, the Resident Nuclear Regulatory Commission Inspector observed this condition and informed the Reactor Operator. The Outside Auxiliary Tender was immediately dispatched to transfer the liquid nitrogen supply to T-2501 from the south to the north "outside" liquid nitrogen dewar. This transfer was completed, and the volume of liquid nitrogen in T-2501 was returned to greater than 650 gallons at 0710 hours.

Reactor power remained steady at 13% power throughout the event, and the liquid nitrogen supply to all required equipment was not interrupted at any time.

CAUSE
DESCRIPTION:

Personnel error.

The south "outside" liquid nitrogen dewar became empty, and the Operations personnel involved did not take corrective measures to transfer the source of liquid nitrogen supply to T-2501 from the south to the north "outside" dewar so as to maintain the volume of liquid nitrogen at greater than 650 gallons.

CORRECTIVE
ACTION:

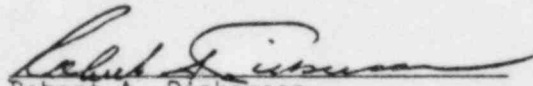
The north "outside" liquid nitrogen dewar was placed in service as the supply of liquid nitrogen to the "inside" storage tank (T-2501).

The requirements of Technical Specification LCO 4.2.12 were reemphasized with the Operation personnel involved.

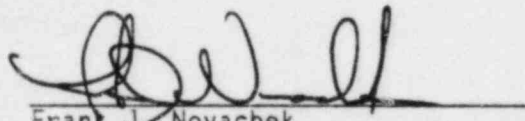
A memorandum from Fort St. Vrain Management has been issued regarding the frequency of personnel errors and the possibility of reprimands for future violations.

No further corrective action is anticipated or required.

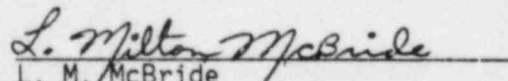
Prepared By:


Robert A. Dickerson
Senior Technical Services Technician

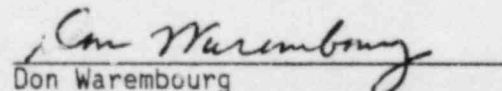
Reviewed By:


Frank J. Novachek
Technical Services Engineering Supervisor

Reviewed By:


L. M. McBride
Station Manager

Approved By:


Don Warembourg
Manager, Nuclear Production

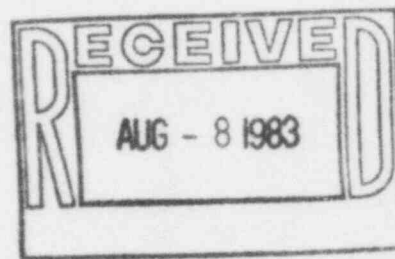


Public Service Company of Colorado

50-267

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

August 5, 1983
Fort St. Vrain
Unit No. 1
P-83267



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. 50-267/83-024, 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. 50-267/83-024.

Very truly yours,

Don Warembourg
Don Warembourg
Manager, Nuclear Production

DW/djm

Enclosure

cc: Director, MIPC

H005
1/1