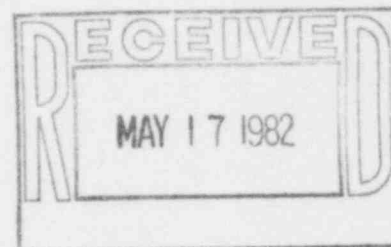




Public Service Company of Colorado

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

May 12, 1982
Fort St. Vrain
Unit No. 1
P 32132



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. 50-267/82-013, Final, submitted per the requirements of Technical Specification AC 7.5.2(b)2 and 7.5.2(b)3.

Also, please find enclosed one copy of the Licensee Event Report for Reportable Occurrence Report No. 50-267/82-013.

Very truly yours,

Don Warembourg by Milt McBride

Don Warembourg
Manager, Nuclear Production

DW/lrb

Enclosure

cc: Director, MIPC

IE 22
S/11

REPORT DATE: May 12, 1982

REPORTABLE OCCURRENCE 82-013

ISSUE 0

OCCURRENCE DATE: April 12, 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. 50-267/82-013/03-L-0

Final

IDENTIFICATION OF
OCCURRENCE:

During a planned power reduction, between April 11 and 12, 1982, the Fort St. Vrain Technical Specification limitation on control rod-group axial position separation was exceeded. This is a degraded mode of Limiting Condition for Operation 4.1.4, and is reportable per Fort St. Vrain Technical Specifications AC 7.5.2(b)2 and 7.5.2(b)3.

EVENT
DESCRIPTION:

Fort St. Vrain Limiting Condition for Operation 4.1.4 requires that all rod-pairs must be either fully inserted or fully withdrawn except that: (a). . . two groups of three rod-pairs. . . may be partially inserted, provided the two groups axial positions are separated by at least 10 feet." Contrary to this limitation, on April 12, 1982, the axial separation of rod-groups 2A and 4D was observed to be 9'4".

At the onset of the occurrence, all rod-groups were correctly positioned, in accordance with normal operating procedures. In this configuration, rod-group 2A was fully withdrawn and rod-group 4D was partially inserted.

At 1608 hours, April 11, 1982, while reducing the reactor power to approximately 9%, rod-group 2A was partially inserted, resulting in an axial separation between rod-groups 2A and 4D to be less than the 10 feet specified by LCO 4.1.4(a). (Refer to Table 1 for rod-groups 2A and 4D axial position summary.) The out of limits condition remained until 0638 hours, April 12, 1982, when the condition was noticed and corrected, within the 24 hours required by LCO 4.1.4(a).

There were no accompanying circumstances or occurrences.

CAUSE
DESCRIPTION:

Operator error.

CORRECTIVE
ACTION:

Reactor Operator repositioned control rod-groups 2A and 4D, in accordance with procedures, to comply with the LCO 4.1.4 limitation on axial position separation.

Instruction has been included in operator training emphasizing the requirements and significance of LCO 4.1.4.

No further corrective action is anticipated or required.

FIGURE 1

ROD GROUP AXIAL POSITION SUMMARY

Rod Group 2A = Rod Pairs 2, 4, 6
 Rod Group 4D = Rod Pairs 23, 29, 35

Rod Group Axial Position, Mean Average		Rod-Group Axial Separation, ΔZ		Time and Date	
2A	4D				
Z, Inches	Z, Inches	ΔZ , Inches	ΔZ , Feet	Hour	Day
191.6	45.0	146.6	12.2	1552	4-11-82
171.8	45.0	126.9	10.6	1553	4-11-82
162.8	45.0	117.8	9.8	1608	4-11-82
159.1	45.0	114.1	9.5	1725	4-11-82
158.3	45.0	113.3	9.4	0634	4-12-82
191.6	4.1	187.5	15.6	0638	4-12-82

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