

In the Matter of the Facility Operating License)  
of )  
PUBLIC SERVICE COMPANY OF COLORADO )

OF THE  
PUBLIC SERVICE COMPANY OF COLORADO  
FOR THE  
FORT ST. VRAIN NUCLEAR GENERATING STATION

Respectfully submitted,  
PUBLIC SERVICE COMPANY OF COLORADO  
By O. R. Lee, Vice President

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PDR ADOCK 05000267  
P PDR

23-1/1020

FORT SAINT VRAIN

IntraWest Banks  
PAYABLE AT  
DENVER, COLORADO

Y 05114

PAY \*\*\*\* One Hundred and Fifty Dollars and no/100-----DOLLARS

S --150.00--

VOID AFTER 90 DAYS

PUBLIC SERVICE COMPANY OF COLORADO  
DIVISION ACCOUNT

U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

*Audrey L. Kitzman*  
(ONLY ONE SIGNATURE NECESSARY IF \$500 OR LESS)

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REMITTANCE ADVICE. PLEASE DETACH FOR YOUR RECORDS  
THE ABOVE CHECK IS IN PAYMENT FOR THE FOLLOWING ITEMS

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PUBLIC SERVICE COMPANY OF COLORADO

ATTACHMENT 1  
SUMMARY OF PROPOSED CHANGES

## Section 5.0 - Surveillance Requirements

Added the in-service inspection (ISI) surveillance requirements implementation criteria E, F, and G.

## Section 5.2 - Applicability

Editorial change to indicate that the surveillance requirements in Section 5.2 of the Technical Specifications also apply to the reactor auxiliary systems.

### SR 5.2.7 - Water Turbine Drive Surveillance

- a) Modified to provide operational flexibility until the next scheduled plant shutdown provided the surveillance interval does not exceed 18 months.
- b) Modified to provide operational flexibility until the next scheduled plant shutdown provided the surveillance interval does not exceed 18 months.
- c) Editorial changes only.
- d) Unchanged

### SR 5.2.8 - Bearing Water Pump and Makeup Pump Surveillance

Title modified to reflect new scope.

- a) Editorial change
- b) Editorial change
- c) Unchanged
- d) New requirements to test the bearing water pumps and associated instruments and controls.

Basis - Expanded to address pump performance capability. Editorial changes to reflect modified surveillance requirements.

### SR 5.2.9 - Helium Circulator Bearing Water Accumulator Surveillance

Functional test frequency modified from monthly to every 92 days.

Basis - Editorial changes to reflect modified surveillance requirements.

SR 5.2.10 - Fire Water System/Fire Suppression Water System Surveillance

- a) Unchanged
- b) Unchanged
- b.2) Unchanged
- b.3) Unchanged
- b.4a) Unchanged
- b.4b) Minimum firewater pump performance capability modified to allow for acceptable degradation in service.
- b.4d) Unchanged
- b.5) Unchanged

Basis - Unchanged

SR 5.2.16 - Closure Leakage Surveillance Requirements

- a) Unchanged
- b) Unchanged
- c) Unchanged
- d) Unchanged
- e) Unchanged
- f) Unchanged
- g) New surveillance requirements for testing and monitoring confinement capability associated with the helium purification system.

Basis - Expanded to address the new surveillance requirements.

SR 5.2.21 - ACM Transfer Switches, Valves and Instruments Surveillance

Changed title to reflect modified scope of surveillance requirements.

- a) Scope expanded to include partial stroking of the valves. Modified to provide operational flexibility until the next scheduled plant shutdown provided the surveillance interval does not exceed 18 months.

- b) New requirements for ACM instrument calibration.

Basis - Changed to reflect the modified surveillance requirements.

#### SR 5.2.24 - Reactor Auxiliary Cooling Water Systems Surveillance

Changed title to reflect modified scope of surveillance requirements.

- a) Unchanged
- b) Changed the frequency of circulating water makeup pump functional test from weekly to monthly. New requirements for verification of pump performance capability and mechanical condition.
- c) Unchanged
- d) New requirements for examination of the circulating water makeup ponds.
- e) New requirements for testing the service water pumps and associated instruments and controls.
- f) New requirements for testing the reactor plant cooling water pumps and associated instruments and controls.
- g) New requirements for testing the purification cooling water pumps and associated instruments and controls.
- h) New requirements for testing the automatic isolation capability of cooling water system instruments and valves for confinement of reactor coolant.

Basis - Changed to reflect the modified surveillance requirements.

#### SR 5.3.4 - Safe Shutdown Cooling Valves Surveillance

Editorial changes to clarify the surveillance requirements.

New requirements for testing valves (including normally power operated valves) that must be manually positioned for actuation of the safe shutdown cooling mode of operation.

Basis - Editorial change to indicate that proper valve operation can be determined from observation of valve stem movement.

SR 5.3.9 - Safety Valve Surveillance

Modified to include ASME Section XI requirements.

Basis - Changed to reflect the modified scope of safety valve testing.

SR 5.4.4 - PCRV Cooling Water System Temperature Instruments Surveillance

Changed title for accuracy.

Editorial changes to reorganize SR 5.4.4.

- a) Changed to verify scanner readings by comparison of system water inlet temperature to corresponding temperature indicators.
- b) Added requirement for scanner calibration and for inlet and outlet header temperature indicator calibration.
- c) Changed thermocouple calibration interval to 5 years and calibration scheduling within the interval.

Basis - Changed to reflect modified surveillance requirements.

SR 5.4.5 - PCRV Cooling Water System Flow Instruments Surveillance

Changed title for accuracy.

Modified to provide operational flexibility until the next scheduled plant shutdown, provided the surveillance interval does not exceed 18 months.

Basis - Editorial change only.

SR 5.5.3 - Reactor Building Exhaust System Surveillance

Changed title to reflect modified scope of surveillance requirements.

- a) Unchanged
- b) Unchanged
- c) Unchanged
- d) Unchanged
- e) Standard Technical Specification testing requirements added.
- f) New requirements for testing the reactor plant ventilation exhaust fans. Modified surveillance interval.

- g) New requirements for calibration of instruments associated with the reactor plant ventilation exhaust fans and filters.

Basis - Expanded to address the new surveillance requirements.

SR 5.7.2 - Fuel Storage Facility Surveillance

Modified entire surveillance requirement per the TSUP comments.

Basis - Expanded to address the new surveillance requirements.



### Page Substitution

In order to incorporate this submittal into the existing Technical Specifications, the following page substitutions will be necessary:

| <u>Remove Page No.</u>     | <u>Replace with Page No.</u>                  |
|----------------------------|---|
| 5.0-2 Amend. 36 10/13/83   | 5.0-2   |
| 5.2-1 Amend. 33 3/8/83     | 5.2-1   |
| 5.2-15 Amend. 33 3/8/83    | 5.2-15  |
| 5.2-16 Amend. 33 3/8/83    | 5.2-16  |
| 5.2-17 Amend. 33 3/8/83    | 5.2-17  |
| 5.2-18 Amend. 33 3/8/83    | 5.2-18  |
| 5.2-19 Amend. 33 3/8/83    | 5.2-19  |
| 5.2-20 Amend. 33 3/8/83    | 5.2-20, 5.2-20a                               |
| 5.2-26 Amend. 33 3/8/83    | 5.2-26  |
| 5.2-27 Amend. 33 3/8/83    | 5.2-27, 5.2-27a                               |
| 5.2-31 Amend. 33 3/8/83    | 5.2-31  |
| 5.2-32 Amend. 33 3/8/83    | 5.2-32, 5.2-32a                               |
| 5.2-34 Amend. 33 3/8/83    | 5.2-34, 5.2-34a, 5.2-34b,<br>5.2-34c, 5.2-34d |
| 5.2-35 Amend. 33 3/8/83    | 5.2-35  |
| 5.3-5 Amend. 33 3/8/83     | 5.3-5   |
| 5.3-6 Amend. 33 3/8/83     | 5.3-6, 5.3-6a                                 |
| 5.3-7 Amend. 33 3/8/83     | 5.3-7   |
| 5.3-18 Amend. 39 1/25/84   | 5.3-18, 5.3-18a                               |
| 5.4-13 Orig. Issue 1/24/74 | 5.4-13, 5.4-13a, 5.4-13b                      |
| 5.4-14 Orig. Issue 1/24/74 | 5.4-14  |
| 5.5-3 Amend. 25 3/2/82     | 5.5-3   |
| 5.5-4 Amend. 25 3/2/82     | 5.5-4   |
| 5.5-5 Amend. 25 3/2/82     | 5.5-5   |
| 5.5-6 Amend. 25 3/2/82     | 5.5-6, 5.5-7                                  |
| 5.7-1 Orig. Issue 1/24/74  | 5.7-1   |
| 5.7-2 Orig. Issue 1/24/74  | 5.7-2, 5.7-3, 5.7-4, 5.7-5                    |