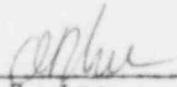


STATE OF COLORADO)
)
CITY AND COUNTY OF DENVER) ss.

O. R. Lee, being first duly sworn, deposes and says;
That he is Vice President of Production of Public Service
Company of Colorado, the Licensee herein; that he has read the
foregoing Application for Amendment to Appendix A of Facility
Operating License and knows the contents thereof, and that the
statements and matters set forth therein are true and correct
to the best of his knowledge, information and belief.

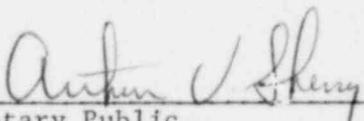


O. R. Lee

Subscribed and sworn to before me this 8th day of JANUARY, 1981

Witness my hand and official seal.

My commission expires: OCTOBER 7, 1983.



Notary Public

ATTACHMENT 1

REFERENCES

REFERENCES

- (1) Letter, V. A. Moore to R. F. Walker, dated April 20, 1976.
- (2) P-77041, dated January 31, 1977.
- (3) P-77251, dated December 23, 1977.
- (4) P-78008, dated January 20, 1978.
- (5) P-79234, dated October 11, 1979.
- (6) Letter, D. E. Sells to F. E. Swart, dated January 16, 1980, (G-80015).
- (7) P-76075, dated March 23, 1976.

ATTACHMENT 2

BACKGROUND

AND REASON FOR PROPOSED REVISIONS

BACKGROUND

In correspondence, Reference (1), the NRC requested that Public Service Company of Colorado (PSC) submit revised Technical Specifications related to the Fort St. Vrain Environmental Monitoring Program. These revised Technical Specifications were to be drafted utilizing the guidance contained in Regulatory Guide 4.8 and submitted as Appendix B to the Operating License. On January 31, 1977, Reference (2) was submitted to the NRC for review and comment. In early December, 1977, members of the NRC staff indicated to PSC in verbal exchanges that the draft Appendix B contained in Reference (2) was acceptable as submitted, but revisions to the Operating License would be required to make it consistent with the draft Appendix B. PSC submitted the required revisions to the Operating License with the proposed Appendix B on December 23, 1977, in Reference (3) and subsequently modified on January 20, 1978, in Reference (4).

In correspondence, Reference (5), Public Service Company informed the NRC that the original intent of Specification NR SR 2.1 had been met and that PSC planned to discontinue all ecological sampling and investigations at Fort St. Vrain as of December 31, 1979.

In their reply, Reference (6), the NRC agreed with a suspension of the non-radiological ecological monitoring program pending the NRC staff review of the final ecological monitoring report, and stated that a Technical Specification change deleting the non-radiological environmental monitoring program should accompany the final ecological monitoring report. In addition, the NRC recommended that PSC undertake to revise the Fort St. Vrain radiological environmental monitoring program in accordance with the NRC's November, 1979, Branch Technical Position for "An Acceptable Radiological Environmental Monitoring Program."

REASON FOR PROPOSED REVISIONS

The proposed revision to Appendix B of the Fort St. Vrain Technical Specifications would constitute the Environmental Technical Specifications and would delete the non-radiological ecological monitoring program. It also brings the environmental radiological surveillance program into conformity with NRC's November, 1979, Branch Technical Position related to radiological environmental monitoring.

The proposed change incorporates the requirements of LCO 4.8.1, LCO 4.8.2, LCO 4.8.3, SR 5.8.1, and SR 5.8.2, which regulate the radioactive effluent disposal system, into ELCO's 3.1.1, 3.1.2, 3.1.3, and ESR's 3.1.1, 3.1.2, and 3.1.3 with minor changes that reflect the accepted industry standards. These LCO's and SR's would be deleted from Appendix A, and the resulting ELCO's and ESR's added to Appendix B of the Technical Specifications. This places all LCO's and SR's pertaining to environmental monitoring in Appendix B of the Technical Specifications.

The proposed change deletes the existing LCO's and SR's presently regulating non-radioactive liquid effluent disposal from Appendix B, and replaces them with Section 3.2 of the proposed Appendix B, Non-Radiological Effluent Disposal System. The present specifications related to Non-Radioactive Liquid Effluent Disposal are being deleted because these items are subject to regulation under conditions imposed by the NPDES permit system under Section 401 of the Federal Water Pollution Control Act and the Colorado Water Quality Act. Non-Radiological Liquid Effluent Monitoring is conducted as specified in NPDES Permit Number CO-0001121. It would be redundant to repeat these requirements in the Technical Specifications.

ATTACHMENT 3

SUMMARY OF PROPOSED

TECHNICAL SPECIFICATION REVISIONS

SUMMARY OF PROPOSED TECHNICAL SPECIFICATION REVISIONS

1. Facility Operating License, Part D, Condition (2) Technical Specifications, delete the last sentence and steps a. through h. inclusive.

See Attachment 4

2. Appendix A

- a) Section 4.8, Radioactive Effluent Disposal System - Limiting Conditions for Operation,

delete in its entirety.

- 1) Specification LCO 4.8.1 - Radioactive Gaseous Effluent, Limiting Conditions for Operation, replaced by Specification ELCO 3.1.1 - Radioactive Gaseous Effluent, Limiting Conditions for Operation.

- 2) Specification LCO 4.8.2 - Radioactive Liquid Effluent, Limiting Conditions for Operation, replaced by Specification ELCO 3.1.2 - Radioactive Liquid Effluent, Limiting Conditions for Operation.

- 3) Specification LCO 4.8.3 - Reactor Building Sump Effluent, Limiting Conditions for Operation, replaced by Specification ELCO 3.1.3 - Reactor Building Sump Effluent, Limiting Conditions for Operation.

- b) Section 5.8, Radioactive Effluent Disposal Systems - Surveillance Requirements,

delete in its entirety.

- 1) Specification SR 5.8.1 - Radioactive Gaseous Effluent System Surveillance, replaced by Specification ESR 3.1.1 - Radioactive Gaseous Effluent, Surveillance Requirements.
 - 2) Specification SR 5.8.2 - Radioactive Liquid Effluent System Surveillance, replaced by Specification ESR 3.1.2 - Radioactive Liquid Effluent, Surveillance Requirements.
- c) Section 5.9, Environmental Surveillance - Surveillance Requirements, delete in its entirety.
- 1) Specification SR 5.9.1 - Environmental Radiation, Surveillance Requirements, replaced by Specification ESR 4.1.1 - Environmental Radiological Surveillance Requirements.

See Attachment 5

3. Appendix B, Non-Radiological Technical Specifications, delete in its entirety.
4. New Appendix B to Operating License No. DPR-34 Technical Specifications.

See Attachment 6

ATTACHMENT 4

PROPOSED REVISION TO
FACILITY OPERATING LICENSE

(5) Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.

D. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and the appropriate sections of Parts 70 and 73; is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 842 megawatts thermal.

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 22, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

- (3) The licensee shall maintain in effect and fully implement all provisions of the Commission-approved physical security plan, including amendments and changes made pursuant to the authority of 10CFR50.54(p). The approved security plan consists of proprietary documents, collectively titled "Fort St. Vrain Unit No. 1, Amended Security Plan," dated October 31, 1977, with Revisions dated April 10, 1978, and August 30, 1978.
- E. This license is subject to all Federal, State, and local standards imposed pursuant to the requirements of the Federal Water Pollution Control Act of 1972.
4. This license is effective as of the date of issuance and shall expire at midnight, September 17, 2008.

FOR THE ATOMIC ENERGY COMMISSION

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Attachments:
Appendices A and B - Technical Specifications

Date of Issuance: December 21, 1973