



Public Service®

**Public Service
Company of Colorado**
P.O. Box 840
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October 13, 1989
Fort St. Vrain
Unit No. 1
P-89395

A. Cleo Crawford
Vice President
Nuclear Operations

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

ATTN: Seymour H. Weiss, Director
Non-Power Reactor, Decommissioning
and Environmental Project Directorate

Docket No. 50-267

SUBJECT: Proposed Technical
Specification Change To
Section 6.1 - Defueling

REFERENCE: PSC Letter, Crawford
to Weiss, Dated
September 14, 1989
(P-89350)

Dear Mr. Weiss:

This is an amendment request to the Fort St. Vrain Technical Specifications, Section 6.1, to document design features for the defueling phase of operation. This letter supersedes PSC Technical Specification Amendment request submitted September 14, 1989 (Reference 1). Per a telephone conversation between Mr. Ken Heitner, NRC Project Manager, and Mr. M. H. Holmes, PSC Nuclear Licensing Manager, it was determined that this resubmittal of Design Features Section 6.1 is desirable. The additional changes in this submittal are indicated by double revision marks in the margin.

On August 29, 1989, PSC announced the end of operations for Fort St. Vrain. NRC Meeting Memorandum, Heitner to Weiss, dated August 18, 1989 (G-89291) expressed a staff concern that Section 6.1 of the Technical Specifications is not being changed to describe the defueling elements. The Fort St. Vrain reactor core will be defueled using the fuel handling machine, similar to a refueling. Boronated defueling elements will be used to maintain the structural integrity of the core during and after defueling, to provide neutron absorption for the fuel elements remaining in the core until defueling is complete, and to allow coolant flow through the core during defueling.

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Three attachments are included with this proposed amendment:

Attachment 1 - Summary of Proposed Changes

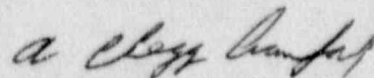
Attachment 2 - Proposed Changes

Attachment 3 - No Significant Hazards Consideration Analysis

PSC is pursuing a high priority effort to submit these changes, obtain NRC approval, and implement these changes. However, PSC is concerned that an approved amendment may not be issued in time to support current plans to start defueling by November 27, 1989. Therefore, PSC requests the NRC staff's assistance in placing these Technical Specifications in effect prior to November 27, 1989.

If you have any questions or comments concerning the enclosed information, please call Mr. M. H. Hulmes at (303) 480-6960.

Very truly yours,



A. Clegg Crawford
Vice President
Nuclear Operations

ACC/JMW/km

Attachments

cc: Regional Administrator, Region IV
ATTN: Mr. T. F. Westerman, Chief
Projects Section B

Mr. Robert Farrell
Senior Resident Inspector
Fort St. Vrain

Mr. Robert M. Quillen
Radiation Control Division
Colorado Department of Health

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter

Public Service Company of Colorado
Fort St. Vrain Unit No. 1

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AFFIDAVIT

A. Clegg Crawford, being first duly sworn, deposes and says: That he is Vice President, Nuclear Operations, of Public Service Company of Colorado, the Licensee herein, that he has read the foregoing Application for Amendment to Appendix A of the 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.

A. Clegg Crawford
A. Clegg Crawford
Vice President
Nuclear Operations

STATE OF Colorado)
COUNTY OF Weld)

Subscribe and sworn to before me, a Notary Public or this
13th day of October, 1989.

Cheryl A. Kendrick
Notary Public

My commission expires 8/17, 1992