



**Public Service®**

**Public Service  
Company of Colorado**  
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**D.D. HOCK**  
Chairman, President  
and Chief Executive  
Officer

May 11, 1989  
Fort St. Vrain  
Unit No. 1  
P-89180

Dr. Thomas E. Murley, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Docket No. 50-267

Subject: Fort St. Vrain  
Executive Meeting

Dear Dr. Murley:

Several new members of the Public Service Company of Colorado's (PSC's) nuclear management team met with members of NRR management on May 11, 1989. We are sorry that last minute scheduling conflicts prevented you from joining us at the meeting. We hope to schedule another meeting with you soon where PSC management can introduce ourselves and discuss our future plans for Fort St. Vrain.

Due to the timing involved with several of the key topics PSC wished to discuss, PSC decided it was best to proceed with the May 11th meeting. A copy of the meeting handout is attached for information. A few of the key meeting topics are briefly summarized below.

Based on preliminary assessments performed in 1988, PSC planned to obtain various NRC reviews and approvals for defueling activities at Fort St. Vrain. PSC had planned to submit by May 31, 1989, the PSC defueling plan, associated safety analysis report, and defueling Technical Specification changes for NRC approval.

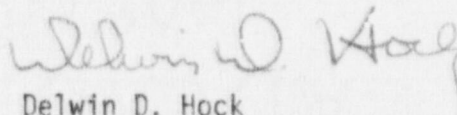
*Adol*  
*11/1*

PSC's defueling plans and analyses have now progressed to the point that we are confident that the changes and modifications for defueling do not involve any unreviewed safety questions. Also, PSC considers that the Fort St. Vrain defueling can be safely accomplished under the requirements of the existing Technical Specifications. Therefore, PSC believes that the defueling operation can be accomplished under the provisions of 10 CFR 50.59, and PSC no longer plans to submit the aforementioned defueling plan, associated safety analysis report, or Technical Specification Changes for NRC approval prior to defueling.

These matters were discussed with NRR management at the May 11th meeting, and we will continue to keep the NRC apprised of our Fort St. Vrain defueling plans and activities.

Again, we are sorry we were not able to meet with you on May 11th, and hope to have the opportunity of introducing ourselves to you in the near future.

Sincerely yours,



Delwin D. Hock  
Chairman, President and CEO

DDH:emm

Attachment

cc: Document Control Desk, NRC

NRC - PSC EXECUTIVE MEETING

MAY 11, 1989

PARTICIPANTS:

• NRC:

James G. Partlow, Associate Director for Projects, NRR  
Gary Holahan, Acting Director, DRSP  
Les Rubenstein, Assistant Director, Region IV  
Fred Hebdon, Director, Project Directorate IV (as of 5/15/89)  
Pete Erickson, Decommissioning Project Manager  
Kenneth Heitner, FSV Project Manager

• PSC:

Delwin D. Hock, Chairman, President and CEO  
Clegg Crawford, Vice President, Nuclear Operations  
James R. McCotter, Sr. Vice President, General Counsel  
Charles H. Fuller, Manager, Nuclear Production and Station Manager  
H. Lawrence Brey, Manager, Nuclear Licensing and Resource Management  
Richard Vollmer, Sr. Vice President, TENERA Corporation.

AGENDA

1. INTRODUCTIONS

Del Hock  
Jim Partlow

2. PURPOSE AND OBJECTIVES

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3. PSC PRESENTATION

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- Operating Plans
- Defueling Plans
- Fuel Disposal Plans
- Decommissioning Plans

4. DISCUSSION

5. CONCLUDING REMARKS



FORT ST. VRAIN  
OPERATING PLANS

- \* CURRENT PLANT STATUS
- \* OPTIMIZE GENERATION UNTIL FINAL SHUTDOWN
- \* POSSIBLE CYCLE 4 POWER LEVEL COASTDOWN PERIOD
  - Existing Technical Specifications Are Met
  - Unreviewed Safety Questions Not Involved
- \* FINAL SHUTDOWN DATE: 6-30-90
- \* EARLIEST START DATE FOR DEFUELING: 11-01-89
- \* SCHEDULED DEFUELING DURATION OF 20 TO 30 MONTHS
- \* TO AVOID ANY SAFETY IMPACT, PSC PLANS TO COMPLETE DEFUELING BEFORE INITIATING ON-SITE CONVERSION WORK

FORT ST. VRAIN

DEFUELING PLANS

- PERFORM DEFUELING SIMILAR TO REFUELING
  - Defuel by Region
  - Use Boronated Graphite "Dummy" Blocks
- ANALYSIS TO DATE INDICATES NO TECHNICAL SPECIFICATION CHANGES REQUIRED AND NO UNREVIEWED SAFETY QUESTION EXISTS
- DEFUELING WOULD PROCEED UNDER AUTHORITY PROVIDED IN 10 CFR 50.59

## FORT ST. VRAIN

### DEFUELING PLANS

- USE EXISTING TECHNICAL SPECIFICATIONS FOR DEFUELING BASED ON THE FOLLOWING REASONS:
  - Existing technical specifications contain essential requirements for refueling/defueling.
  - PSC has a proven safety record under shutdown conditions with existing Technical Specifications.
  - Plant personnel are trained in and proficient with existing technical specifications.
  - Unnecessary human factors perturbations are avoided.
  - Overall safety is enhanced by focusing on essential defueling activities.
  - NRC and PSC resources can be allocated to activities essential for a safe defueling.



FORT ST. VRAIN  
FUEL DISPOSAL PLANS

- ° SEGMENTS 1 - 8
  - DOE Idaho Storage Facility
- ° SEGMENT 9 OPTIONS
  - FSV Reactor Building Fuel Storage
  - Ship to DOE Storage Facility
  - ISFSI on FSV site
- ° SEGMENT 10 (UNIRRADIATED)
  - Sold to Nuclear Fuel Services, Erwin, TN
  - Stored at FSV up to 1992

FORT ST. VRAIN  
DECOMMISSIONING PLANS

- COMPONENT REMOVAL PHASE
  - Control Rod Drive Assemblies
  - Helium Circulators
- DECOMMISSIONING OPTIONS BEING CONSIDERED
  - SAFSTOR Followed By Dismantlement
  - Early Dismantlement