



# PUBLIC SERVICE COMPANY OF COLORADO

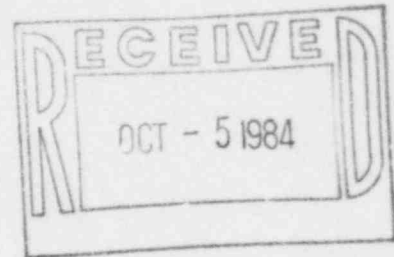
P. O. BOX 840 · DENVER, COLORADO 80201

OSCAR R. LEE  
VICE PRESIDENT

September 28, 1984  
Fort St. Vrain  
Unit No. 1  
P-84395

Regional Administrator  
Region IV  
Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011

Attention: Mr. E. H. Johnson



DOCKET NO. 50-267

SUBJECT: Fort St. Vrain PCRV Tendon  
Surveillance

- REFERENCES: 1) P-84174, Warembourg to  
Johnson dated 6-15-84
- 2) G-84252, Denise to Lee, dated  
7-20-84
- 3) P-84266, Warembourg to Johnson  
dated 8-9-84

Dear Mr. Johnson:

In March 1984, PSC reported to the NRC that several of the Fort St. Vrain PCRV tendons had experienced individual wire strand failures due to corrosion. Since then PSC has reported to the NRC the results of additional inspections and evaluations that have been performed to assess the severity of the tendon wire condition. Concurrently, PSC has been formulating a surveillance inspection and test program to monitor for signs of any further degradation of the PCRV tendon system. During this formulation process some questions have arisen between the NRC and PSC concerning what constitutes an acceptable tendon surveillance program, References 1, 2 and 3.

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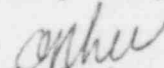
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PSC has completed the access and feasibility investigations necessary to propose a surveillance inspection and test program which can be implemented and be meaningful. We are prepared to submit a proposed Technical Specification (SR 5.2.2) that would monitor the adequacy of the new corrosion protection methods to be provided for the PCR/V prestressing components, and assure that the required prestressing forces within the tendon wires are sustained throughout the operational life of the plant. However, at a meeting on September 20, 1984 between Messrs. Collins, Check, Lee, and Brey, it was determined that the exchange of multiple letters between PSC and the NRC on complex and difficult technical issues, such as the PCR/V tendon surveillance, has not been particularly productive. It was suggested that it would be more effective to hold roundtable technical discussions to determine the suitability and feasibility of various approaches that could be taken in dealing with complex and difficult issues such as PCR/V tendon surveillance.

In lieu of PSC submitting a further tendon surveillance program which the NRC may find difficult to accept, it is proposed that a meeting be held during October 1984 to discuss and formulate the elements of a mutually acceptable PCR/V tendon surveillance program. At this meeting PSC would be prepared to discuss the apparent tendon corrosion mechanism as well as the results of our tendon access and feasibility investigations.

If you are in agreement with this approach, please contact Mr. M. H. Holmes at (303) 571-8409 to establish a meeting date, time and place.

Very truly yours,



O. R. Lee, Vice President  
Electric Production

ORL/AHW:pa