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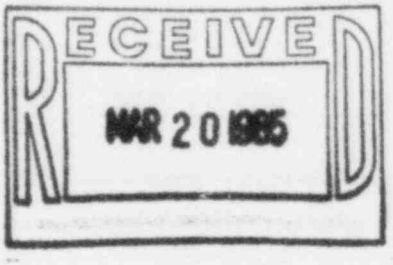
Public Service Company of Colorado

March 18, 1985
Fort St. Vrain
Unit No. 1
P-85084



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

Attention: Mr. Eric H. Johnson

SUBJECT: PCRV Tendon Prestressing System

Dear Mr. Johnson:

Enclosed are thirty copies of the Fort St. Vrain PCRV Tendon Report. Included in this report is the interim surveillance program, the PCRV maps, general tendon information and metallurgical results.

As indicated in this report, we are experiencing conflicts with the completion of the nitrogen blanket system on the longitudinal tendons. Our original schedule of June 1985, for installing the nitrogen blanket system on the bottom crosshead and longitudinal tendons, was based on the schedules and defined work known at that time. Recently, defined problems which dictate helium circulator work in the PCRV bottom head area, as well as the CRD refurbishment work on the top head, represent a significant conflict in our ability to install the nitrogen blanket system as planned. We are exerting our best efforts to install the system, but it is obvious that a June 1985 completion date is not realistic.

We presently have the taps and valves installed in the tendon end caps for longitudinal tendons in the bottom head area. Further work in installing tubing will be delayed by the helium circulator work and no work can be started on the top head longitudinal tendon end caps until the CRD refurbishment and subsequent clean-up work is completed. We have six (6) of the bottom crosshead tendons under test to determine the feasibility of maintaining a nitrogen blanket. With the unknowns that exist with the helium circulator bolting and the impact of removing at least one circulator with the possibility of having to remove others, we cannot establish any definite schedule at this time.

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We are proceeding with the installation of the nitrogen system for the bottom crosshead tendons and will utilize this installation for our initial evaluation of the feasibility of maintaining a nitrogen blanket in the tendon tubes. This work will be completed per our original schedule of June 1985. If the nitrogen blanket appears feasible, we will proceed to complete the system for the longitudinal tendons within three (3) months after we gain access to the top and bottom heads of the PCRV.

If you have any further questions, please contact Mr. M. H. Holmes at (303) 571-8409.

Very truly yours,

D. W. Warembourg

D. W. Warembourg,
Manager, Nuclear
Engineering Division

DWW/MJF/ksc

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