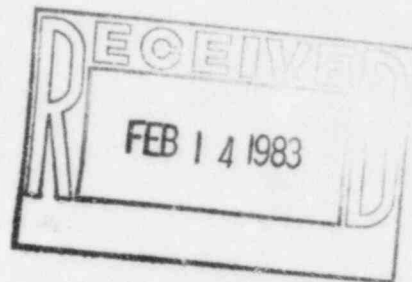




Public Service Company of Colorado

16805 Road 19 1/2, Platteville, Colorado 80651-9298

February 9, 1983
Fort St. Vrain
Unit No. 1
P-83056



Mr. John T. Collins, Regional Administrator
Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

ATTN: Mr. Philip Wagner

Subject: Fort St. Vrain Power-to-Flow
Integral Fraction

Dear Mr. Collins:

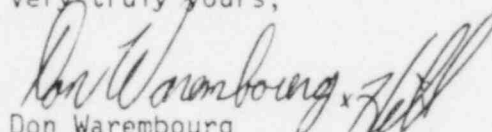
Amendment Number 23 to the Fort St. Vrain Technical Specifications revised Safety Limit SL 3.1 from a fuel cycle basis to a fuel segment basis. In implementing the revised criteria, the power-to-flow integral fraction for cycles 1 and 2 was reset to zero with the concurrence of the Nuclear Regulatory Commission.

Recent inquiries by your staff have questioned the technical basis for this action. Rather than complicate the situation further, we have agreed to re-evaluate the power-to-flow events which occurred during cycles 1 and 2 under the revised SL 3.1 and include their contribution into the present cycle 3.

It has been determined that a conservative value for the power-to-flow integral fraction for cycles 1 and 2 is 0.02314. This value will be added to the integral fraction for cycle 3 for the appropriate fuel segments; i.e., those segments that were in the core during cycles 1 and 2. In the future, if the adjusted integral fraction approaches the limit of 1.0, we will perform a more detailed re-analysis of our calculations to take credit for the very conservative assumptions we have made in this evaluation.

If you have any further questions concerning this subject, please contact me or Mr. Chuck Fuller at (303) 785-2224.

Very truly yours,


Don Warembourg
Manager, Nuclear Production

H005

DW/clS

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