



Public Service Company ^{of} Colorado

P. O. Box 361, Platteville, Colorado 80651

September 19, 1979
Fort St. Vrain
Unit No. 1
P-79211

Mr. George Kuzmycz
Project Manager, Special Projects
Division of Project Management
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Docket No. 50-267

SUBJECT: Fluctuation Testing

REFERENCE: P-79094, P-79131,
and P-79181

Dear Mr. Kuzmycz:

Fluctuation testing was conducted from August 30, 1979, to September 1, 1979, at power levels less than 70% in accordance with Part 1 of RT-500F.

During that period, four fluctuations, based on steam temperatures and core region outlet temperatures, were observed. Nuclear channel offset deviation from the average equal to approximately 1% of full power reading was observed during the testing, but preliminary indication was that it was associated with the regulating control rod movements.

All testing was conducted within Technical Specification limits and none of the established limits or conditions of the test were exceeded.

This preliminary report contains the fluctuation test summaries of the four fluctuations which were observed.

Any changes to the procedure which may be required as a result of the test results will be included in future correspondence.

Very truly yours,

Don Warembourg
Don Warembourg
Manager, Nuclear Production

1070 338

Doc 5/11

DW/alk

7910020 430

P