

May 26, 1989

Docket No. 50-267

Mr. R. O. Williams, Jr.
Senior Vice President, Nuclear Operations
Public Service Company of Colorado
Post Office Box 840
Denver, Colorado 80201-0840

Dear Mr. Williams:

SUBJECT: SAFETY EVALUATION ON LER 87-20 - INTERACTIONS OF
FORT ST. VRAIN PLANT PROTECTIVE SYSTEM AND STEAMLINE
RUPTURE DETECTION/ISOLATION SYSTEM WITH CONTROL SYSTEMS
(TAC NO. 69264)

We have reviewed your submittals dated November 22, 1988 and April 7, 1989 concerning interactions between the steamline rupture detection/isolation system (SLRDIS), the plant protective system (PPS) and the control system at Fort St. Vrain. Your letters were in response to our requests for additional information dated September 20, 1988 and January 12, 1989.

We have enclosed our safety evaluation on this subject. Our concerns about potentially undesirable interactions between SLRDIS, PPS and the control system for certain control valves are resolved.

Sincerely,

/s/
Kenneth L. Heitner, Project Manager
Project Directorate - IV
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Sincerely,

A handwritten signature in cursive script, reading "Kenneth L. Heitner", is written above the typed name.

Kenneth L. Heitner, Project Manager
Project Directorate - IV
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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Fort St. Vrain

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