



Public Service

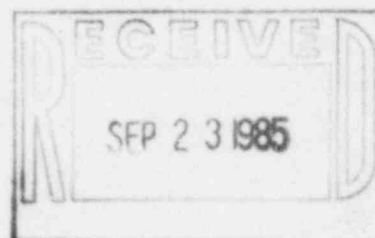
2420 W. 26th Avenue, Suite 100D, Denver, Colorado 80211

Public Service
Company of Colorado
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(303) 571 - 7511

September 13, 1985
Fort St. Vrain
Unit No. 1
P-85313

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

Attn: Mr. Dorwin R. Hunter



Docket No. 50-267

SUBJECT: Emergency Electrical
Power System Independence

REFERENCES: (1) PSC Letter dated
June 14, 1985 Warembourg
to Johnson (P-85208)
(2) NRC Letter dated
July 10, 1985 Johnson
to Lee (G-85268)

Dear Mr. Hunter:

In a letter dated June 14, 1985 (Reference 1), Public Service Company (PSC) provided additional information in response to questions raised in the NRC's review of the Emergency Electrical Power System design as described in the FSAR. In addition to the information provided, PSC committed to perform an evaluation of the Emergency Diesel Generator (EDG) control logic circuitry and to provide the results to the NRC staff. In a letter dated July 10, 1985 (Reference 2), the NRC issued a safety evaluation for continued operation in the interim until any necessary design changes are proposed and to reaffirm PSC's commitment to evaluate the control logic design. This letter is providing PSC's response to this commitment.

Fort St. Vrain (FSV) was designed using a combination of principles, i.e. redundancy, independence, diversity and single failure. Each of these principles was used and/or combined to achieve a highly reliable onsite power system. The FSAR commitments concerning independence, redundancy and single failure criteria as they relate to FSV's onsite power system cannot be taken to be solely the single

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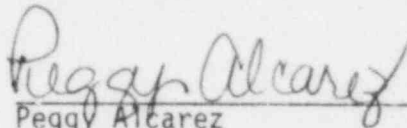
Public Service Company of Colorado

Interoffice Memo

NDG-85-0601

DATE: September 19, 1985
TO: P Letter Distribution
FROM: Peggy Alcarez
SUBJ: P-85318 dated September 13, 1985

Please replace page one of P-85318 dated September 13, 1985 with the enclosed P-85313. Text did not change, only the P number.


Peggy Alcarez

/jj