



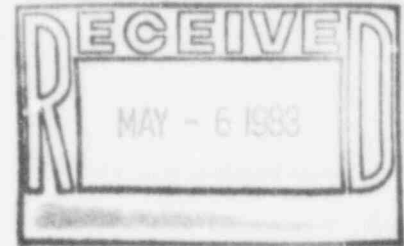
Public Service Company of Colorado

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

April 27, 1983
Fort St. Vrain
Unit No. 1
P-83161

50-267

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



SUBJECT: Electric Power Systems

REFERENCES: G-83138 from Madsen to Lee
dtd 3/30/83;
G-82338 from Clark to Lee
dtd 10/12/82

Dear Mr. Collins:

The intent of this letter is (1) to clarify certain information pertaining to the proposed changes in Fort St. Vrain's undervoltage protection and, (2) to reiterate our schedule for implementation of design changes and modifications previously outlined.

At present the undervoltage protection at Fort St. Vrain utilizes two non-class 1E relays which monitor the 4160V output of the Reserve Auxiliary Transformer. In the event that one or both of these relays should actuate or fail, certain class 1E functions will be initiated, i.e. diesel generator starting, 480 volt bus breaker tripping and load shedding on the 480 volt class 1E buses. It is our intent that no class 1E functions be initiated by these non-class 1E relays. For this reason, these safety functions have been assigned to the proposed class 1E protective relay system to be installed on the 480 volt class 1E buses.

The existing non-class 1E undervoltage relays will be retained as protection for the 4160 volt non-class 1E buses.

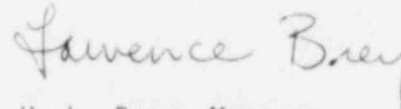
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As indicated in previous correspondence P-82399 (Warembourg to Kuzmycz dated 9/16/82) we have requested deferring submittal of a finalized Technical Specification concerning the proposed undervoltage relaying modifications until those modifications are undertaken. As stated in letter P-82169 (Brey to Kuzmycz dated 5/28/82) we feel that the most expedient method of executing design changes and modifications relating to the proposed degraded grid voltage protection would be to implement these changes concurrent with the upgrading and change out of the 480 volt class 1E essential buses. The replacement of the 480 volt class 1E buses is an operational decision made by Public Service Company of Colorado and is not an NRC commitment. The change out of the 480 volt class 1E buses will coincide with the 3rd refueling outage at Fort St. Vrain presently scheduled for late 1983.

If you have any questions concerning this matter do not hesitate to call.

Very truly yours,

A handwritten signature in cursive script that reads "Lawrence Brey".

H. L. Brey, Manager
Nuclear Engineering Division

HLB/bs:pa