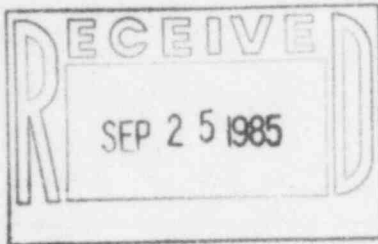


Public Service
Company of Colorado

16805 WCR 19 1/2, Platteville, Colorado 80651



September 20, 1985
Fort St. Vrain
Unit No. 1
P-85328

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

Attn: Mr. Dorwin R. Hunter

Docket No. 50-267

SUBJECT: Post Accident Sampling
System

REFERENCE: (1) NRC Letter dated
July 8, 1985 Johnson
to Lee (G-85260)

Dear Mr. Hunter:

In a letter dated July 8, 1985 (Reference 1) the NRC requested that Public Service Company of Colorado (PSC) provide comments on resolution of NRC's concerns about the Fort St. Vrain (FSV) Post Accident Sampling System. NRC indicated that PSC must revise the FSV procedure for estimating the extent of core damage to be consistent with NUREG-0737, Item II.B.3 before this procedure will be acceptable to NRC.

In the Supplemental Safety Evaluation enclosed with Reference 1, NRC stated that the procedure PSC would use to estimate core damage is not acceptable because it is based solely on the Xe-133 concentration in the reactor coolant. PSC is now working with GA Technologies to evaluate the possibility of implementing a backup sampling method based on concentrations of other volatile radionuclides or other gaseous species. This research is involving more time than originally anticipated.

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As discussed with Mr. P. Wagner on September 12, 1985. PSC will need an additional 60 days to complete our research and provide NRC with the information requested in Reference 1.

Should you have any questions concerning this matter, please contact Mr. M.H. Holmes at (303) 571-8409.

Very truly yours,

J. W. Gahm by J. W. Fuller

Jack W. Gahm
Manager, Nuclear Production
Fort St. Vrain
Nuclear Generating Station

JWG:KP:jrp