

**Public Service Company**

May 4, 1979  
Fort St. Vrain  
Unit No. 1  
P-79098

Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

ATTN: Mr. Karl V. Seyfrit, Director

Docket #50-267

REF: IE Bulletin No. 79-04

Gentlemen:

In response to IE Bulletin 79-04, we have conducted an audit of all 3 to 6 inch diameter check valves at Fort St. Vrain. We did find one 6 inch Velan swing check valve in safety related service. Our responses to the action items to be taken by licensees is as follows:

1. One 6" Velan check valve (V2268) was found in 6" L22253-D9 which is the Emergency Condensate line to the Loop 1 Steam Generators. This valve is not in high pressure (>1500 lb) service.
2. The seismic evaluation of this line was accomplished by Atlanta Engineering Company in July of 1976. Atlanta used a valve weight of 800 lbs as compared to the 525 lb. weight listed in the I&E Bulletin. PSC does not know why the higher weight was used, but we believe it to be for conservatism.
3. Not applicable.
4. V2268 is installed in the Emergency Condensate line to the Loop 1 Steam Generators. The weight used for seismic analysis purposes was 800 lbs which makes the analysis more conservative than required in that 450 lbs could have been used for this case. No modifications were or are required to piping systems due to the change in weight as specified by the manufacturer because Atlanta Engineering used a conservative number (800 lbs) in their original analysis.

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5. The analytical technique used for all 2 1/2" to 8" piping at Fort St. Vrain is a simplified dynamic analysis method based upon a simple supported beam utilizing computer-based building response spectra curves.

The conservative weight used for V2268 provides adequate margin for seismic purposes. We consider this response adequate to answer the concerns set forth in IE Bulletin 79-04. If you have any further questions, please contact this office.

Very truly yours,



J. K. Fuller  
Vice President  
Engineering and Planning

JKF/LMM/sch