



KANSAS GAS AND ELECTRIC COMPANY

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May 29, 1979

GLENN L. KOESTER  
VICE PRESIDENT-OPERATIONS

Mr Karl V Seyfrit, Director  
Office of Inspection and Enforcement  
U S Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

Re: RIV Docket No. STN 50-482/IE Bulletin No. 79-04  
RIV Docket No. STN 50-482/IE Bulletin No. 79-07  
Ref: 1) Letter of 3/30/79 from Office of Inspection and Enforcement,  
NRC to KG&E  
2) Letter of 4/14/79 from Office of Inspection and Enforcement,  
NRC to KG&E

Dear Sir:

The referenced letters required action from KG&E in regard to IE Bulletins 79-04 and 79-07. The responses to both bulletins are provided below:

IE Bulletin 79-04

IE Bulletin 79-04 concerned incorrect weights for swing check valves manufactured by the Velan Engineering Corporation and requested certain actions by licensees and permit holders. The following information is provided in response to your letter. The items below are numbered to match the bulletin action items.

- 1) The following seismic Category I piping systems will utilize 3, 4 or 6 inch Velan swing check valves:
  - a) Component Cooling Water System
  - b) Essential Service Water System
  - c) Reactor Coolant System
  - d) Auxiliary Feedwater System
  - e) Feedwater System
  - f) Compressed Air System
  - g) Auxiliary Turbines System
- 2) The correct valve weights were used in piping analysis. On April 20, 1979, the Velan Engineering Corporation informed the SNUPPS architect engineer, Bechtel, that the weight of all swing check valves as shown on project engineering drawings were acceptable. Bechtel reviewed relevant piping stress analyses to verify that weights used were equal to or greater than those shown on the Velan Drawings. This review was completed by May 2, 1979.

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- 3) Incorrect valve weights were not used.
- 4) No modifications are required because the correct valve weights were used.
- 5) This item is not applicable because modifications and/or stress re-analysis were not required.
- 6) This item is applicable to holders of operating licenses only.
- 7) No outstanding matters in Items 1 through 5 above have been identified. Documentation of our actions in regard to this IE Bulletin are available for NRC inspection.

IE Bulletin 79-07

IE Bulletin 79-07 concerned seismic stress analysis of safety-related piping. The following information is provided in response to your letter. The items below are numbered to match the bulletin action items.

- 1) None of the methods specified in the IE Bulletin were used for the seismic analysis of safety-related piping.
- 2) This item is not applicable because of the response to Item 1 above.
- 3) All computer codes used in the seismic analysis of safety-related piping have been verified as shown below:
  - a) ME 632: Verified using PISOL (EDS Nuclear Inc), PIPESD (URS/John A Blum and Associates, Engineers) and TPIPE (PMB Systems Engineering Inc)
  - b) ME 101: Verified using ME 632, TPIPE and SUPERPIPE (EDS Nuclear Inc)
  - c) TPIPE: Verified using PISOL (EDS Nuclear Inc) and ME 632
  - d) BSAP: Verified using ME 101
  - e) WESTDYN: Refer to WCAP 8252, Rev 1, "Documentation of Selected Westinghouse Structural Analysis Computer Codes", May 1977, which is currently under NRC review.

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4) This item is not applicable because of the response to Item 1 above.

Sincerely,

*Glenn L. Kauter*

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cc-Mr Norman C Moseley  
NRC Office of Inspection and Enforcement  
Division of Reactor Operations Inspection  
Washington, D C 20555