



GULF STATES UTILITIES COMPANY

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October 25, 1985
RBG- 22472
File Nos. G9.5, G9.20.8

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulation Commission
Washington, D.C. 20555

Dear Mr. Denton:

River Bend Station - Unit 1
Docket No. 50-458

This response supplements Gulf States Utilities Company's (GSU) October 10, 1985 letter (RBG-22,292) to your office regarding two air operators on valves in the suppression pool pumpback system. The following confirmation was requested by the Staff.

The 3-inch 300lb. air operated globe valves 1DFR*AOV144, 145 (SQS No. 247.491) have been seismically qualified using static analysis. The operability of the valve/operator assembly has been established by similarity to a representative valve/operator prototype for which operability (static bend) testing has been performed.

The attached information provides additional clarification as requested by the Staff.

Sincerely,

J. E. Booker

J.E. Booker
Manager-Engineering,
Nuclear Fuels & Licensing
River Bend Nuclear Group

JEB/RJK/ko

Attachment

8510300185 851025
PDR ADDCK 0500045B
P PDR

J. E. Booker

ATTACHMENT

RBS - SEISMIC QUALIFICATION PROGRAM

SQS No. 247.491 - 3-in., 300-lb Air-Operated Globe Valves
IDFR*AOV144, 145

1. Qualification of the valves is complete.
2. Vendor qualification reports have been reviewed for the RBS-specific application and were found acceptable.
3. The qualification documentation is available for review.
4. A static analysis was used to demonstrate that the valve operator meets the seismic requirements of the design specification. This approach is acceptable, since the natural frequency of the valves is well above 33 Hz. The operability of the valve/operator assembly has been established by similarity to a representative valve/operator prototype for which operability testing has been performed.