



GULF STATES UTILITIES COMPANY

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AREA CODE 409 838-6631

August 12, 1985
RBG-21,832
File Code: G9.5, G9.20.8

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

Dear Mr. Denton:

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

Seismic qualification for the Copes Vulcan modulating globe valves (Borg Warner actuators), Specification 247.497, has been completed. In addition, the seismic qualification for the HPCS Diesel Generator, E22-S001, has been completed. The attached confirmation is being provided in the requested format of Enclosure 1 to the Staff's July 9, 1985 letter.

Sincerely,

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

ejg
JEB/RJK/kt

Attachment

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PDR ADOCK 05000458
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ATTACHMENT

RBS Seismic Qualification Program

SQS No. 247.497 - Copes Vulcan 1, 1-1/2 and 3-in. Modulating Control Globe Valves

1. The testing and similarity analysis for the valves is complete.
2. The qualification documentation was reviewed for the RBS-specific application and were found acceptable.
3. The qualification documentation is available for review.
4. Static deflection tests were performed to demonstrate operability of the valve assembly. The valves were qualified by static analysis to ensure structural integrity. The actuators were qualified by similarity analysis to prototype testing.

MPL No. E22-S001 - HPCS Diesel Generator

1. The qualification for the HPCS Diesel Generator is completed.
2. The qualification documentation has been reviewed for the RBS specific application and found acceptable.
3. The qualification documentation is available for inspection.
4. The basis for qualification of the HPCS Diesel Generator is by a combination of test and analysis. On-site dynamic tests were conducted to qualify the engine and large engine mounted components. Shake table dynamic tests were conducted to qualify smaller complex active components in the air start, lube oil, and jacket water systems. Static and dynamic analyses were used to qualify passive auxiliary components not qualified by the above methods. The electric generator was qualified by static coefficient analysis for structural integrity and operability using site specific loads and detailed hardware drawings from the supplier.