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Docket No. 50-458

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Mr. William J. Cahill, Jr.
Senior Vice President
River Bend Nuclear Group
Gulf States Utilities Company
Post Office Box 2951
Beaumont, Texas 77704
ATTN: Mr. J. E. Booker

Dear Mr. Cahill:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - TMI ACTION PLAN II.D.1

Gulf States Utilities Company is participating in the BWR Owners Group response to NUREG-0737 Item II.D.1, "Performance Testing of Boiling-Water Reactor and Pressurized-Water Reactor Relief and Safety Valves." The BWR Owners Group has submitted the report NEDE-24988-P, "Analysis of Generic BWR Safety/Relief Valve Operability Tests Results" to the staff for review.

For the staff to complete its review of Item II.D.1 for River Bend Station, the applicability of the generic test results for the specific Safety/Relief Valves (S/RV) employed at the plant must be justified. The enclosed list of concerns arising from the staff review of report NEDE-24988-P must be addressed on a plant-specific basis and generally indicates the issues that should be addressed in the justification.

Please inform NRC Project Manager Edward Weinkam of your schedule for response and for clarification or further discussion on this topic.

Sincerely,

Original signed by

A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing

cc: See next page

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River Bend Station

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Enclosure

Request for Additional Information by the Equipment Qualification Branch

TMI Action Plan II.D.1

Prior submittals do not provide the basis for the conclusion that the test results presented in NEDE-24988-P on safety/relief valve testing are applicable to your specific plant. Describe the basis thoroughly, as indicated below.

1. The test program utilized a "rams head" discharge pipe configuration. Most plants utilize a "tee" quencher configuration at the end of the discharge line. Describe the discharge pipe configuration used at your plant and compare the anticipated loads on valve internals in the plant configuration to the measured loads in the test program. Discuss the impact of any differences in loads on valve operability.
2. The test configuration utilized no spring hangers as pipe supports. Plant specific configurations do use spring hangers in conjunction with snubber and rigid supports. Describe the safety relief valve pipe supports used at your plant and compare the anticipated loads on valve internals for the plant pipe supports to the measured loads in the test program. Describe the impact of any differences in loads on valve operability.
3. The purpose of the test program was to determine valve performance under conditions anticipated to be encountered in the plants. Describe the events and anticipated conditions at the plant for which the valves are required to operate and compare these plant conditions to the conditions in the test program. Describe the plant features assumed in the event evaluations used to scope the test program and compare them to the features at your plant. For example, describe high level trips to prevent water from entering the steam lines under high pressure operating conditions as assumed in the test event and compare them to trips used at your plant.
4. Describe how the values of valve C_y 's in report NEDE-24988-P will be used at your plant. Show that the methodology used in the test program to determine the valve C_y will be consistent with the application at your plant.