

Docket No. 50-458

JUN 13 1985

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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: SEISMIC EQUIPMENT QUALIFICATION AND PUMP AND VALVE OPERABILITY
REVIEWS (SQRT & PVORT)

The NRC staff is in the process of reviewing your submittals of May 15, 1985 concerning seismic equipment qualification and pump and valve operability review (SQRT and PVORT). The enclosure one identifies information required to complete this review. The information requested in the enclosure has been discussed with Mr. R. King of your staff.

If you have any questions concerning the enclosure please contact the Licensing Project Manager Mr. S. Stern (301-492-8349) or Mary F. Haughey (301-492-7897).

Sincerely,

ISI

Walter R. Butler, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure:
As stated

cc: See next page

M. Haughey
LB#2/DL
MHaughey:1b
06/12/85

SS
LB#2/DL/PM
SStern
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W. R. Butler
LB#2/DL/DC
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FE
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RSB
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EQB
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ASB
JP...
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ASB
ASB
OParr
06/12/85

RSB
RSB
W. Hodges
6/12/85



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Sincerely,

A handwritten signature in cursive script, appearing to read "Walter R. Butler".

Walter R. Butler, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure:
As stated

cc: See next page

Mr. William J. Cahill, Jr.
Gulf States Utilities Company

River Bend Nuclear Plant

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1. The following BOP & NSSS items are listed in the Master List with Qualification Status Code "C" (equipment not required for fuel load). GSU must provide justification that these items of equipment are not required for fuel load. Also, these components must be qualified prior to low power operation or justification provided. Provide a schedule for qualification of these items.

BOP

10 FR*P5A,B,D,E
1ENB*PNL04A

Sump Pump Motor
Panel Board-4160V Standby DC Control
Supply
DG Building - Supply Air Blower

1HVP*FN7A,B

NSSS

F16-E006

In Vessel Rack

2. Indicate how and when will the In Vessel Rack (NSSS MPL #F16-E006) be used at River Bend.
3. GSU must confirm that the Heat Tracing System H₂ Analyzer panels 1HTS*PNL2M,N are qualified prior to fuel load,
4. The Level Element and Level Switches provided under Spec. No. 247.433 must be qualified prior to low power operation. GSU must provide, prior to fuel load confirmation of qualification.
5. The following 1" - 150# Globe Valves provided under Spec. No. 247.497 must be qualified prior to low power operation or justification provided:

1E33*PVF002,022	Main Steam Isolation Valve Seal Syst.
1LSV*PV10A,B	Leakage Control - Penetration Valve
6. GSU must confirm qualification of the Crosby Safety Relief Valves 1HVK*RV45A,B prior to fuel load.
7. The ADS valves (B21-F041/F047/F051) must be qualified prior to fuel load or
 - (1) The ADS cannot be taken credit for in the J10 for the HPCS diesel generator,
 - (2) The ADS cannot be taken credit for concerning the suppression pool bypass leakage and
 - (3) GSU must request and justify an exemption from 10 CFR 50.46 for the interim period of qualification.
8. The MS-PLCS and PVLCS are essential for collecting any leakage that might bypass the secondary containment following an accident. If they are not fully qualified for the interim operation, credit cannot be taken in the dose calculation.

9. RHR heat exchangers are essential for safe shutdown of the plant. If they are not fully qualified for interim operation, credit may be taken for the heat exchangers used in the fuel pool cooling and clean-up system provided they are fully qualified and can be connected to the RHR system. If GSU chooses to take credit for the fuel pool heat exchanger, they should confirm whether the heat exchangers used in the fuel pool cooling and clean-up system are fully qualified. GSU also should confirm whether the fuel pool cooling and clean-up system can supplement the RHR system. The residual heat removal system, or its substitute must satisfy 10 CFR 50 Appendix A, GDC-1 "Quality Standards and Records." Otherwise GSU should request and justify an exemption from GDC-1. Justification for such an exemption should address the risk involved with operation with an unqualified system. Qualification of the RHR Heat Exchanger should include the associated piping valves and support.
10. If the HPCS diesel generator is not fully qualified before fuel load, and the ADS valves are not qualified, GSU must request and justify an exemption from 10 CFR 50.46 for the interim period of operation.
11. Refueling and Fuel Handling Platforms must be qualified prior to the first refueling.