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File No. G9.5, G9.8.7

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

Enclosed for your review are minor revisions to Final Safety Analysis Report (FSAR) Section 6.2.6 regarding containment leak rate testing of electrical penetrations. The penetration design now incorporates double O-rings which are to be Type B tested by pressurizing between the seals. These revisions will be included in a future FSAR amendment.

Sincerely,

Eddie R Grant

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

JEB/ERG/je

Enclosure

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If, during the performance of a Type A test, excessive leakage occurs through locally testable penetrations or isolation valves to the extent that it interferes with the satisfactory completion of the test, these leakage paths are isolated and the Type A test continued to full test period. Local leakage tests are then performed before and after the repair of each isolated leakage path. The sum of the post-repaired leakage rates shall be added to the measured leakage rate and the UCL. This total is required to be less than 75 percent of the maximum allowable leakage rate, L_a (where L_a is equal to L_d , or 0.26 percent per day). Local leakage rates are not subtracted from the Type A test results to determine the acceptability of a test. Test results are reported with both the pre- and post-repaired leakage rates.

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6.2.6.2 Containment Penetration Leakage Rate Test

Containment penetrations for which design incorporates resilient seals, gaskets, or sealant compound, air lock door seals, and the equipment and access doors with resilient or inflatable seals or gaskets, and other such penetrations receive a preoperational and periodic Type B leak test in accordance with Appendix J of 10CFR50.

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These Type B tests are conducted at a test pressure of P_a (7.6 psig).

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The following is a list of containment penetrations receiving a Type B test:

1. Fuel transfer tube penetration
2. Containment vessel control rod drive removal hatch
3. Containment vessel personnel air locks
4. Containment vessel equipment hatch
5. All piping penetrations fitted with bellows-type expansion joints.
6. Electrical penetrations.

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~~In lieu of Type B testing,~~ each electrical penetration is provided with a leakage surveillance system. The penetration test chamber is pressurized and isolated at a pressure of not less than P_a and can be intermittently pressurized.

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