



GULF STATES UTILITIES COMPANY

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AREA CODE 713 838-6631

December 20, 1983
RBC-16,612
File Code G9.5, G9.8.6.2

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 Units 1 & 2
Docket Nos. 50-458/459

Docketed correspondence from Mr. Booker to Mr. Denton dated November 11, 1983 for the Procedures and Systems Review Branch (PSRB) described a Loose Parts Monitoring System Preoperational Test as Item 9. Enclosure 1 provides a revision to that test description (Insert for Page 14.2-124, Section 14.2.12.1.69).

In addition, the November 11, 1983, letter identified two other items, Questions 640.003 and 640.018, which would be responded to at a later date. Following discussions with reviewers from the Siting Analysis Branch (SAB) and Accident Evaluation Branch (AEB), additional information is being provided to justify the absence of ammonia and chlorine detectors at River Bend Station (RBS). Please consult with the reviewers from the SAB and AEB for their final conclusions and acceptance of the RBS design. Question 640.003 requests a test description which conforms to the requirements of Regulatory Guide (RG) 1.95. The Final Safety Analysis Report (FSAR) Sections 6.4 and 9.4.1 provide the design basis and safety criteria for the Control Room Habitability and Control Building Heating, Ventilation, and Air Conditioning (HVAC) systems while Section 14.2.12.1.28 provides the Control Building Preoperational Test including the applicable portions of RG 1.95. Enclosure 2 contains the necessary changes to the FSAR which will be reflected in the next amendment. Question 640.018 required a modification to the Control Building HVAC Preoperational test to include testing of the chlorine monitors. As the monitors are not expected to be required at RBS our response from Amendment 7 remains unchanged.

Sincerely,

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

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Enclosures

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ENCLOSURE 1

INSERT (For Page 14.2-124)

14.2.12.1.69 Loose Parts Monitoring System

TEST OBJECTIVES

1. To demonstrate proper operation of the Loose Parts Monitoring Equipment.
2. To collect data to use as baseline information during subsequent operation.
3. To verify alert level.

PREREQUISITES AND INITIAL CONDITIONS

The Loose Parts Monitoring System is connected to the reactor and instrumentation and control testing is complete.

The Loose Parts Monitoring System channel check and functional tests have been completed with acceptable results. Reactor recirculation system is operable.

TEST PROCEDURE

1. With the reactor recirculation system operational, record baseline data.
2. With the reactor recirculation system and the loose parts simulator operational, record simulated loose parts data.
3. Review test results and establish corresponding alert and alarm setpoints.
4. Perform Step 2 again to verify alert function is operational and data acquisition equipment is automatically activated.

ACCEPTANCE CRITERIA

Alert, alarm, and automatic data acquisition equipment function as required upon receipt of a loose part signal reaching the alert level.

ENCLOSURE 2

QUESTION 640.3 (14.2.12)

Include a description of the test(s) that will be performed to ensure conformance to Regulatory Guide 1.95, Protection of Nuclear Power Plant Control Room Operators Against an Accidental Chlorine Release.

RESPONSE

~~The response to this request will be provided by June 1983.~~

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The response to this request is provided in Section 14.2.12.1.28 for those applicable portions of Regulatory Guide 1.95. See Table 1.8-1 for River Bend Station's position regarding Regulatory Guide 1.95.