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January 17, 1996

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Mail Stop P1-37  
Washington, DC 20555

Subject: River Bend Station - Unit 1  
Docket No. 50-458  
Special Report - Hydrogen Analyzer Inoperable

File No. G9.5, G 9.23.1.5

RBG-42340  
RBF1-96-0010

Gentlemen:

This Special Report is being submitted in accordance with River Bend Station (RBS) Technical Specification (TS) 3.3.3.1 "Post Accident Monitoring Instrumentation." This report documents the inoperability of a Division I hydrogen analyzer instrument for greater than 30-days.

On December 4, 1995, during inservice testing activities it was discovered that the Division I hydrogen analyzer discharge piping containment penetration check valve had failed. As a result of the check valve failure, the containment penetration was isolated rendering the hydrogen analyzer inoperable. Rework (breach of pressure boundary) of the failed check valve is not permissible when the plant is operating (Operating Conditions 1, 2 or 3) due to drywell integrity requirements. Corrective actions are being implemented to return the hydrogen analyzer to service.

The safety significance of this condition was minimal. Although not operable, the Division I hydrogen analyzer was functional. If it had been required post-accident, the system could have been restored to service by the operators from the control room.

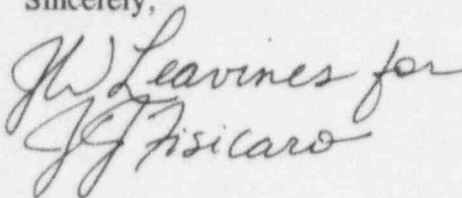
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If you have any questions, please contact David Lorring at (504) 381-4157.

Sincerely,

Handwritten signature in cursive script, appearing to read "J. W. Leavines for J. J. Fisicaro".

JJF/RMM/kvm

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