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U.S. Nuclear Regulatory Commission
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Subject: River Bend Station - Unit 1
Docket No. 50-458
Final Special Report - Failure of Division I Starting Air Block and Vent Valve

File No.: G9.5, G9.25.1.7

RBG-42241
RBF1-95-0294

Gentlemen:

On September 12, 1995, River Bend Station (RBS) submitted an Interim Special Report concerning a monthly operability surveillance, performed on the Division I Emergency Diesel Generator (EDG) on August 16, 1995. The EDG failed to start during the test. The Interim Special Report provided the event details as well as the initial results of River Bend's evaluations and statistical data. This final report documents the conclusions of the root cause investigation and corrective actions.

An independent offsite consultant performed a formal root cause evaluation to verify the preliminary conclusion and to establish the root causes of the failure. This investigation concluded that the root cause of the air block and vent valve failure is machining errors caused by the manufacturer that resulted in binding between the piston and bore. The investigation also concluded that this was an isolated failure; therefore, the corrective actions to replace the valve as documented in the previous report, are adequate to prevent recurrence. However, additional measures are being taken to enhance the valve inspection processes prior to installation. These actions will be tracked in accordance with the RBS corrective action program.

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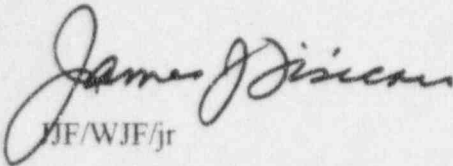
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If there are any questions concerning this issue please contact D. N. Lorfing at (504) 381-4157

Sincerely,



JJF/WJF/jr

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