



**GULF STATES UTILITIES COMPANY**

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July 30, 1985  
RBG-21722  
File No. G9.5

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

The purpose of this letter is to document Gulf States Utilities Company response to the Nuclear Regulatory Commission Staff requests provided by telephone on July 26 and 27, 1985, concerning the Transamerica Delaval Inc. Emergency Diesel Generators.

1. Provide a commitment to comply with the requirements of Section 6 of the PNL Technical Evaluation Report, "Review and Evaluation of Transamerica Delaval, Inc., Diesel Engine Reliability and Operability--River Bend Station-Unit 1," PNL-5485, dated July 1985.

Response

GSU will implement the proposed maintenance and surveillance program described in Section 6.0 of PNL-5485, dated July 1985 with the exceptions noted on Table 6.3 (Faclosure 1). Justification for deleting the 8-hour visual checks is that these parameters are annunciated as described in Section 8.3.4.1.1.4.1 of the FSAR. Therefore, deviation of these parameters from acceptable limits would be readily detected.

2. Provide confirmation that the operating and maintenance practices to prevent sustained operation under conditions of cylinder unbalance and overspeed as described in GSU letter No. RBG-21,276, dated June 12, 1985, will be implemented prior to initial criticality.

Response

A caution statement as described in RBG-21,276 has been added to Station Operating Procedure SOP-0053, "Standby Diesel Generator and Auxiliaries," list and applicable surveillance test procedures.

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Requirements for recording and trending of exhaust gas temperatures and cylinder firing pressures will be included in surveillance test procedures prior to initial criticality.

Station Operating Procedure SOP-0053, "Standby Diesel Generator and Auxiliaries," includes the requirement to monitor and maintain generator frequency within  $60 \pm 0.2$  Hz. This requirement will be added to abnormal Operating Procedure AOP-0004, "Loss of Offsite Power," prior to initial criticality.

3. Provide a commitment to comply with the following recommendations from Section 5 of PNL-5485, dated July 1985.
  - a. The Owners Group recommendation in the DR/QR component design review checklist for River Bend Station to clean idler gear and hub mating surfaces should be incorporated into the River Bend Station maintenance and surveillance procedures.
  - b. GSU should resolve the discrepancy between the torque specifications ( $70 \pm$  ft-lb or  $80 \pm$  ft-lb) as listed in the River Bend Station DR/QR report.
  - c. GSU should include a requirement for destructive examination of a random sample of each lot of valve pushrods for future purchases of pushrods.

Response

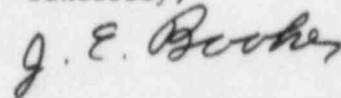
Items a, b, and c above will be incorporated in plant documentation by August 30, 1985.

4. Perform a QA inspection of implementing and procedural documents of the maintenance and surveillance program to ensure completeness and accuracy with respect to TDI Owners' Group and PNL recommendations by August 30, 1985.

Response

GSU will verify and QA inspect for completeness and accuracy of maintenance and surveillance programs with respect to TDI Owners' Group and PNL recommendations by August 30, 1985.

Sincerely,



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

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ENCLOSURE 1

TABLE 6.3. Items Recommended for Inclusion in River Bend Station Standby Diesel Surveillance Plan

<u>Item</u>	<u>PNL Recommendation</u>
Starting air pressure	Log every 24 hours
Lube oil temperature in	Log every 24 hours
Jacket water temperature in	Log every 24 hours
Lube oil sump level	Log every 24 hours
Fuel oil day-tank level	Log every 24 hours
Annunciator test	Test daily
Alarm clear	Check daily
Compressed air trap operation	Check daily
Fuel rack and linkage operation	Check daily and lube monthly
Governor oil level	Check daily
Leaks on engine and auxiliary equipment	Inspect daily, with more detailed inspection monthly
Operational freedom of combustion air butterfly valve and cylinder	Check monthly
Keepwarm oil filter differential pressure	Check weekly
Jacket water pH, conductivity, and corrosion inhibitor	Test monthly
Air start distributor filter	Check monthly
Air start admission valve strainer	Check quarterly
Lube oil	Analyze monthly