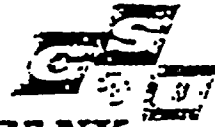


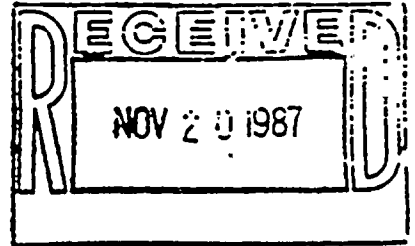
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## GULF STATES UTILITIES COMPANY

November 16, 1987  
RBG-26992  
File Nos. G9.5, G9.25.1.2

Mr. Robert D. Martin, Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011



Gentlemen:

River Bend Station - Unit 1  
Docket No. 50-458

Pursuant to the requirements of 10CFR21.21(b)(2), Gulf States Utilities Company (GSU) is submitting this written report on a defect in a standby diesel generator at River Bend Station. Initial notification of this defect was made to Mr. Bill McNeill of the Nuclear Regulatory Commission-Region IV by telephone on November 12, 1987.

The attached report provides the information required by 10CFR21.21.

Sincerely,

J. C. Deddens  
Senior Vice President  
River Bend Nuclear Group

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PDR ADOCK 05000458  
S PDR

*JCD*  
JCD/ERG/HJK/ORH/DNL/ch

Attachment

cc: Office of Nuclear Regulatory Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

NRC Resident Inspector  
P.O. Box 1051  
St. Francisville, LA 70775

Mr. Ron B. Politi  
NEI Peebles-Electric Products, Inc.  
17045 Euclid Avenue  
Cleveland, OH 44112

Mr. Alan Barich  
IMO Delaval, Inc.

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ATTACHMENT

Gulf States Utilities Company  
River Bend Station - Unit 1  
Report of a Defect Per 10CFR21  
Standby Diesel Generator Rotor Winding

1. Name and address of individual(s) informing the NRC.

Initial notification was provided by telephone on November 12, 1987 by D. N. Lorfing, Senior Licensing Engineer. Written notification is provided by this report from Mr. J. C. Deddens, Senior Vice President.

Address: Gulf States Utilities Co.  
P.O. Box 220  
St. Francisville, LA 70775

2. Identification of the facility, the activity, or the basic component supplied for the facility or activity within the United States which fails to comply or contains a defect.

The defect was found in a standby diesel generator (Mark No. 1EGS\*EG1B) rotor winding at River Bend Station - Unit 1.

3. Identification of the firm constructing or supplying the basic component which fails to comply or contains a defect.

The generator was supplied through Transamerica Delaval, Inc. (presently IMO Delaval, Inc.) from NEI Peebles-Electric Products, Inc.

4. Nature of the defect or failure to comply and the safety hazard which is created by the defect or failure to comply.

Diesel generator rotor windings on pole number 14 were found separated from the shaft pole washer and bowed toward the stator. Individual wires had delaminated and overlapped. Wires did not enter the air gap between the rotor and stator. The resin had pulled away from the pole washer, revealing an unpainted surface on the washer. The condition was found on one pole, in one generator. The condition was found by visual inspection. Electrical tests did not find any electrical faults. If left uncorrected, additional degradation of the rotor winding might have led to loss of an essential safety-related diesel generator power supply which is required to operate during a loss of offsite power.

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5. The date on which the information of the defect or failure to comply was obtained.

The initial condition was found on October 27, 1987. Evaluation of the condition per 10CFR21 determined the condition to be reportable on November 11, 1987.

6. In the case of a basic component which contains a defect or fails to comply, the number and location of all the components in use at, supplied for, or being supplied for one or more facilities or activities subject to the regulations of 10CFR21.

River Bend Station utilizes two generators of the same manufacturer and model. The third generator at RBS was manufactured by Ideal. GSU is by copy of this letter notifying the manufacturer of the generator with the subject defect. The defect appears similar to one previously reported by NEI Peebles - Electric Products, Inc. letter to NRC dated February 16, 1987.

7. The corrective action which has been, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.

GSU has taken action to rewind the defective pole winding and install the rewind pole in the generator. The repair of the pole will be completed prior to start-up following the current refueling outage. GSU has also initiated a failure evaluation which is not complete at this time. Further information will be submitted to the Commission in a status report within 60 days.

8. Any device related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.

Not applicable.

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ARIZONA POWER, PALO VERDE LETTER TO NRC

DATED JULY 8, 1988

FINAL REPORT ADDRESSING 4 GENERATOR DEFICIENCIES

