



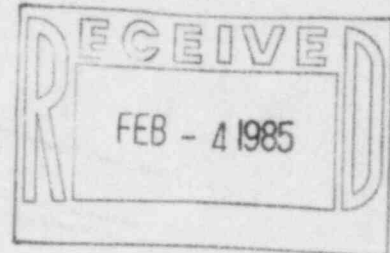
**GULF STATES UTILITIES COMPANY**

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January 28, 1985  
RBG-20001  
File Nos. G9.5, G9.25.1.1

Mr. Robert D. Martin, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV, Office of Inspection and Enforcement  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011



Dear Mr. Martin:

River Bend Station Unit 1  
Docket No. 50-458  
Final Report/DR-206

On December 28, 1984, GSU notified Region IV by telephone that it had determined DR-206 concerning improper lubricant in the two fuel pool cooling pumps and motors to be reportable under 10CFR50.55(e). The attachment to this letter is GSU's final 30-day written report pursuant to 10CFR50.55(e)(3) with regard to this deficiency.

Sincerely,

*L. A. England*

*for*

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

JEB/PJD/lp

Attachment

cc: Director of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

NRC Resident Inspector-Site

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## ATTACHMENT

January 28, 1985  
RBG-20001

### DR-206/Improper Lubricant in Fuel Pool Cooling Pumps and Motors

#### Background and Description of the Problem

The deficiency concerns improper lubricant in the two fuel pool cooling pumps and motors as identified in Nonconformance and Disposition Report (N&D) No. 6121. During initial testing of fuel pool cooling pumps and motors 1SFC\*PIA/PMIA and 1SFC\*PIB/PMIB, the motors were found to be overheating. The cause of the overheating was attributed to excessive lubricant which had extended into the motor windings. Further examination revealed that operational lubricants had been installed without removing the storage lubricant as a result of unfamiliarity with appropriate equipment lubrication procedures.

#### Safety Implication

The fuel pool cooling pumps are needed to provide decay heat removal from fuel stored in the spent fuel storage pool in the fuel building. Under a worst-case scenario (i.e., a seismic event, LOCA, and loss-of-offsite power shortly after a refueling outage), loss of both fuel pool cooling pumps could potentially result in uncontrolled fission product release due to overheating of the stored spent fuel.

#### Corrective Action

The motors identified on N&D No. 6121 were disassembled and associated bearing cavities and windings cleaned of all traces of lubricant. The bearings were inspected, found to be satisfactory, then hand packed with operational lubricant. The motors were then reassembled, meggered, and subsequently operated within the required parameters.

As preventive action, all millwrights and other personnel associated with the preventive maintenance program have been made aware of the appropriate lubrication procedures to be followed. These persons have also been informed to report to their supervisor any problems they may incur while installing storage or operational lubricants.