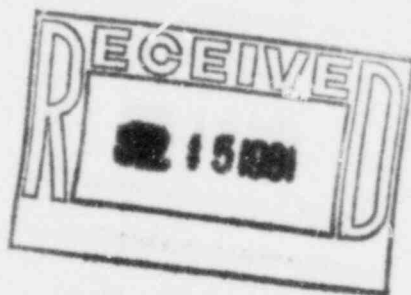


GULF STATES UTILITIES COMPANY

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July 10, 1980

RBG-10731

File Nos. G9.5

G9.33.1

Mr. Karl V. Seyfrit, Director
U. S. Nuclear Regulatory Commission
Region IV, Office of Inspection and Enforcement
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

Dear Mr. Seyfrit:

River Bend Station Units 1 and 2

Refer to: RIV

Docket Nos. 50-458/I&E Bulletin 81-03

50-459/I&E Bulletin 81-03



Gulf States Utilities Company (GSU) has reviewed I&E Bulletin 81-03 "Flow Blockage of Cooling Water to Safety System Components by Corbicula sp. (Asiatic Clam) and Mytilus sp. (Mussel)." GSU is determining which systems are potentially affected by the bivalve mollusks identified in your April 10, 1981, letter. An assessment is being performed to determine if the River Bend Station (RBS) design is adequate to prevent flow blockage in each system. The information attached hereto provides answers to the questions directed towards holders of construction permits. GSU will submit updated information on the progress of our assessment by September 8, 1981.

Sincerely,

J. L. Draper, Jr.

J. L. Draper, Jr.
Vice President
Nuclear Technology

ELD/RJK/jwe

Attachment

cc: Director, Office of Inspection and Enforcement, NRC,
Washington, D.C. 20555

IE11
3
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PDR ADOCK 05000458
PDR

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

STATE OF TEXAS

COUNTY OF JEFFERSON

In the Matter of

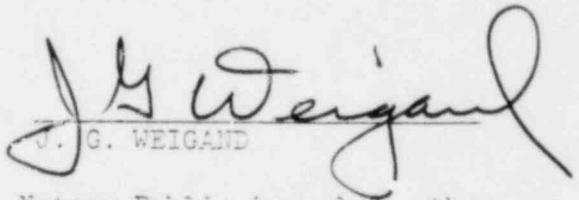
GULF STATES UTILITIES COMPANY

(River Bend Station,
Units 1 and 2)

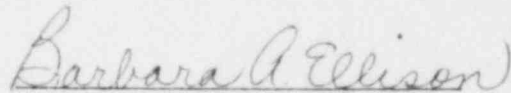
Docket Nos. 50-458
50-459

AFFIDAVIT

J. G. WEIGAND, being duly sworn, states that he is a Vice President of Gulf States Utilities Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission the documents attached hereto; and that all such documents are true and correct to the best of his knowledge, information and belief.


J. G. WEIGAND

Subscribed and sworn to before me, a Notary Public in and for the State and County above named, this 10th day of JULY, 1981.


Notary Public in and for
Jefferson County, Texas

My Commission Expires:

4-13-85

Attachment 1

1. NRC: Determine whether Corbicula sp. or Mytilus sp. is present in the vicinity of the station by completing items 1 and 4 above that apply to operating licenses (OL).

GSU: It is stated in Chapter 2, Section 2.7.2.4 of the Environmental Report - Construction Permit Stage (ER-CPS) that, "Compared to the middle and upper Mississippi River, the St. Francisville reach has an extremely poor pelecypod fauna. The Asiatic clam (Corbicula leana) was the principal bivalve mollusk in the samples, despite its fairly recent invasion of the lower Mississippi." The mussel (Mytilus sp.) has not been identified in the studies.

2. NRC: If these organisms are present in the local environment and potentially affected systems have been filled from the station source or receiving water body, determine whether infestation has occurred.

GSU: At the present, no systems or components at RBS have been filled with Mississippi River water, therefore, infestation has not occurred.

3. NRC: Describe the actions taken in items 1 and 2 above for construction permit holders and include the following information:

- a) Applicable portions of the environmental monitoring program including last sample date and results.

GSU: a) The presence of Corbicula leana is noted in 1977 quarterly reports transmitted to GSU as part of the Interim Environmental Monitoring Program. The preoperational environmental monitoring program will continue to collect data from benthos and drift samples in the Mississippi River.

NRC: b) Components and systems affected.

GSU: b) Since RBS is in the construction phase and will not load fuel prior to October 1, 1981, we do not have any operational data history on components and systems affected. However, we have identified below those systems and components which may potentially be affected. They have been categorized into safety and non-safety systems.

Safety Related

1. Containment Unit coolers
2. Residual Heat Removal Heat Exchangers
3. Control Building Chilled Water Chiller Condensers
4. Auxiliary Building Unit Coolers
5. Penetration Valve Leakage Control Compressors

6. Penetration Valve Leakage Control Compressor After Cooling
7. Standby Diesel Generator Coolers

Non-Safety Related

1. Radwaste-Fuel Building Chilled Water Chiller Condensers
2. Ventillation Chilled Water Chiller Condensers
3. Reactor Plant Component Cooling Water Heat Exchangers
4. Turbine Electrohydraulic Control Unit Coolers
5. Steam Bypass HPU Coolers
6. Turbine Plant Component Cooling Water Heat Exchangers
7. Alternator Cooler
8. Main Turbine Lube Oil Coolers
9. Hydrogen Coolers
10. Drywell Unit Coolers
11. Reactor Plant Component Cooling Water System

NRC: c) Extent of fouling if any existed.

GSU: See item 2 above.

NRC: d) How and when fouling was discovered.

GSU: See item 2 above.

NRC: e) Corrective and preventive actions.

GSU: The RBS design provides for control of larvae infestation by chlorination treatment of the clarifier effluent. An assessment is being performed on those systems identified in item 3(b) above to determine if the present design is adequate to detect or prevent flow blockage in each system.