



GULF STATES UTILITIES COMPANY

RIVER BEND STATION POST OFFICE BOX 220 ST FRANCISVILLE LOUISIANA 70775
AREA CODE 504 635-6094 346-8651

April 14, 1989
RBG-30536
File Nos. G1.11.2
TFP-069-89
No Response Required

Ms. Maureen O'Neill, Assistant Secretary
Office of Water Resources
LA Department of Environmental Quality
Post Office Box 44091, Capitol Station
Baton Rouge, LA 70804-4091

Dear Ms. O'Neill:

Water Discharge Permit No. WP0409
River Bend Station - Unit 1

This is to inform you of a noncompliance with Water Discharge Permit No. WP0409 for Outfall 004, treated sanitary wastewater from power station to Grants Bayou. The effluent limitations for total residual chlorine (TRC) in the outfall are a minimum of 0.8 mg/l and a maximum of 2.0 mg/l. A sample collected at 1307 hours on April 10, 1989 contained 2.7 mg/l TRC. A sample collected at 1258 hours on April 11, 1989 contained 0.4 mg/l TRC.

On each occasion when the unacceptable TRC levels were noted, immediate adjustments of the calcium hypochlorite dose rates were made to obtain an effluent within the allowable range. Thus, at 1521 hours on April 10 the TRC concentration was 1.3 mg/l and at 1410 hours on April 11 the TRC concentration was 0.9 mg/l. Samples taken on succeeding days have thus far indicated concentrations of 1.4 - 1.5 mg/l TRC.

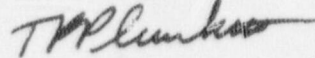
The cause of these excursions was an inability to effectively adjust chlorine dosage with fluctuating flows, oxidant demand, and variability in the quality of hypochlorite tablets. Similar problems were encountered and reported last autumn and on several occasions in recent weeks. As noted in a letter dated March 14, 1989, consulting engineers are developing recommendations for a long-term solution to the problem of reliable disinfection at Outfall 004. Results of these studies are expected by the end of this month. In the meantime, some reassignments of personnel have been made to provide for increased surveillance of the effluent quality and for greater technical support of sewer plant operations.

8904250416 890414
PDR ADOCK 05000458
PDC

IE23
10

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



T. F. Plunkett
Plant Manager

TFP/LAE/^{guc}DWC/JVC/ch

cc: U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

NRC Resident Inspector
Post Office Box 1051
St. Francisville, LA 70775

Capitol Regional Office
Water Pollution Control Division
11720 Airline Highway
Baton Rouge, LA 70817-1720