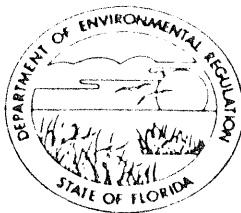


STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHWEST DISTRICT

160 GOVERNMENTAL CENTER  
PENSACOLA, FLORIDA 32501



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

ROBERT V. KRIEDEL  
DISTRICT MANAGER

February 22, 1982

Mr. George O. Layman  
Director of Power Supply  
Gulf Power Company  
Post Office Box 1151  
Pensacola, Florida 32520

RECEIVED  
SEP 8 1982

DIV. ENVIRONMENTAL  
PERMITTING

Dear Mr. Layman:

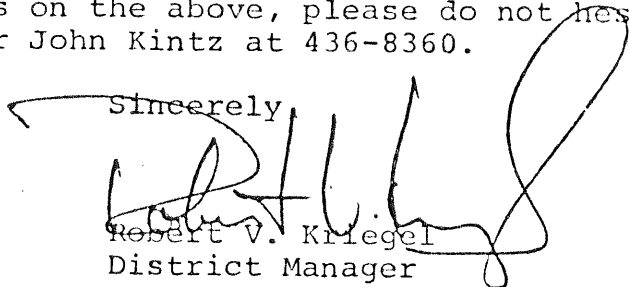
This is in response to your letter of February 3, 1982 in which a few discrepancies in the monitoring requirements in permits IO17-35175 for the Crist Electric Generating Plant and IO32-37371 for the Scholz Electric Generating Plant were discussed. The limitations for pH (Crist permit only), polychlorinated biphenyl, cadmium, copper and zinc have been changed. The values listed are for fresh, soft, Class III waters. New pages containing specific conditions 22.A for both Crist and Scholz and 22.B (Crist only) with the correct limitations are attached.

All other conditions of the permits remain as issued on January 22, 1982.

This letter shall be attached to and made a part of the respective permits.

If you have any questions on the above, please do not hesitate to contact Thomas W. Moody or John Kintz at 436-8360.

Sincerely

  
Robert V. Kriedel  
District Manager

RVK/jks  
Attachments

cc: Escambia Co. Health Dept. (Crist permit)  
Jackson Co. Health Dept. (Scholz permit)  
Mickey Bryant, DER-Tallahassee  
Records Center-Tallahassee

22. The effluent limitations and monitoring requirements for authorized discharges from the permittee's facility are as follows:

A. Once through cooling water discharge including the discharge from the ash pond. (Serial No. 001)

| <u>Effluent Characteristic</u>   | <u>Discharge Limitations</u> |                    | <u>Monitoring Requirements</u> |                    |                        |
|----------------------------------|------------------------------|--------------------|--------------------------------|--------------------|------------------------|
|                                  | <u>30 Day Avg.</u>           | <u>24 Hr. Avg.</u> | <u>Measurement Frequency</u>   | <u>Type Sample</u> | <u>Sample Location</u> |
| Flow (MGD)                       | N/A                          | N/A                | 1/hour                         | Pump logs          | Intake pumps           |
| Intake Temperature °C (°F)       | N/A                          | N/A                | 4/day                          | Instantaneous      | Condenser inlet        |
| Discharge Temperature °C (°F)    | N/A                          | N/A                | 4/day                          | Instantaneous      | Discharge structure    |
| Total Chlorine Residual (mg/l)   | N/A                          | 0.3 mg/l           | Once/month                     | Multiple Grab      | (5)                    |
| pH (units)                       | N/A                          | 6.0 min/8.5 max    | Once/month                     | Grab               | (2)                    |
| Oil & Grease (mg/l)              | N/A                          | 5.0 mg/l           | Once/quarter                   | Grab               | (2)                    |
| Polychlorinated Biphenyls (ug/l) | N/A                          | 0.0 ug/l           | Once year                      | Grab               | (2)                    |
| Arsenic                          | N/A                          | 0.05 mg/l          | Quarterly                      | Grab               | (2)                    |
| Cadmium                          | N/A                          | 0.0008 mg/l        | Once/year                      | Grab               | (2)                    |
| Chromium (total)                 | N/A                          | 1.0 mg/l           | Quarterly                      | Grab               | (2)                    |
| Copper                           | N/A                          | 0.03 mg/l          | Quarterly                      | Grab               | (2)                    |
| Iron                             | N/A                          | 1.0 mg/l (3)       | Quarterly                      | Grab               | (2)                    |
| Lead                             | N/A                          | 0.03 mg/l          | Quarterly                      | Grab               | (2)                    |
| Mercury                          | N/A                          | 0.0002 mg/l        | Quarterly                      | Grab               | (2)                    |
| Nickel                           | N/A                          | 0.10 mg/l          | Once/year                      | Grab               | (2)                    |
| Selenium                         | N/A                          | 0.025 mg/l         | Once/year                      | Grab               | (2)                    |
| Zinc                             | N/A                          | 0.03 mg/l          | Once/year                      | Grab               | (2)                    |
| Fecal Coliform Note (4)          | N/A                          | 800/100 ml         | Once/quarter                   | Grab               | (2)                    |

- (1) There shall be no discharge of floating solids or visible foam in other than trace amounts.
- (2) Sampling location shall be approximately 200 feet from the ash pond discharge into the canal prior to the confluence of the canal and Apalachicola River.
- (3) If the value of the total iron concentration in the intake stream exceeds 1.0 mg/l, then the value of the total iron concentration in the discharge stream shall not exceed the value of the intake concentration. If the value of the total iron concentration in the intake stream is equal to or less than 1.0 mg/l, then the value of the total iron concentration in the discharge stream shall not exceed 1.0 mg/l.
- (4) Sampling and monitoring for fecal coliform shall not be done on the same day that chlorine is being introduced to the intake condenser cooling water.
- (5) Sampling location for chlorine is defined as just immediately downstream of the point where the new ash pond discharges into the cooling water discharge canal.