



Florida Department of Environmental Regulation

Northwest District

160 Governmental Center

Pensacola, Florida 32501-5794

Lawton Chiles, Governor

AUG 6 1991

Carol M. Browner, Secretary

AUG 5 1991

Permit #

02283

File

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Permittee Gulf Power Co. (Scholz)

INITIAL

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District cc:

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

Dear Mr. Layman:

On June 18, Department representatives conducted a compliance sampling inspection (CSI) of the Scholz Electric Generating Plant. An inspection report is attached for your information.

The following deficiencies were noted during the inspection:

1. Samples taken during the inspection revealed a fecal coliform of 1100 cts/100ml at the Sanitary Treatment Plant Discharge (004).
2. The main plant discharge canal (001) sampling point is inaccessible.
3. Samples collected by plant personnel were not properly preserved at 4°C upon collection. Samples were collected and placed in a cooler with only a small bag of ice.
4. The composite sampler located at the Ashpond is inadequate, as temperature determinations cannot be made.

Please notify this office within 15 days of receipt of this letter as to steps you have taken to correct the deficiencies noted above.

If you have any questions, please call Mr. Rick Bradburn at (904) 436-8380.

Sincerely,

Bobby A. Cooley

Bobby A. Cooley, P.E.
Water Facilities Administrator

BAC/crt

cc: Richard Drew

Pete McGarry - EPA, Atlanta, Georgia

FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = OPTIONAL

Name and Physical Location of Facility <i>Scholz Electric Generating Plant End of County Road 271</i>	GMS ID: <i>1032 P37371</i>	County <i>Jackson</i>	Entry Date/Time <i>6-18-91 9:20 AM</i>
		Phone <i>(904) 444-6236</i>	@ Exit Time/Date <i>6-18-91 - 1:45 PM</i>
Name(s) of Field Representative(s) <i>Rachael Allen Raymond Walden</i>		Title <i>LAB. SUP.</i>	Phone <i>(904) 444-6127</i>
Name and Address of Permittee or Designated Representative <i>Mr. George D. Layman Director of Power Generation Resources Gulf Power P.O. Box 1151 Pensacola, Florida 32520-8354</i>		Title <i>(904)</i>	@ Operator Certification #: <i>444-6236</i>

Inspection Type: ☒ C/S/I	Samples Taken(Y/N): <i>Yes</i>	@ Sample ID#:	Samples Split (Y/N): <i>Yes</i>
☐ Domestic ☒ Industrial	Were Photos Taken(Y/N): <i>NO</i>	@ Log Book Volume: <i>66</i>	@ Page: <i>65-70</i>

In Compliance With Permit Conditions (Y/N):
Recommended Actions <i>Letter Drafted</i>

Name(s) and Signature(s) of Inspector(s) <i>Charles Keyser</i>	District Office/Phone Number <i>Pensacola NW District</i>	Date <i>7-26-91</i>
@ Signature of Reviewer	District Office/Phone Number	Date

FACILITY COMPLIANCE AREAS EVALUATED

S=Satisfactory; M=Marginal; U=Unsatisfactory; Blank=Not Evaluated *See Comments

S	1. Permit: #	U	6. Sampling	S	11. Effluent
S	2. Compliance Schedule	S	7. Self-Monitoring Program		12. Groundwater
	3. Pretreatment	M	8. Facility Site Review		13. Disposal Method
S	4. Records & Reports	S	9. Flow Measurement		14. Residuals Management
	5. Laboratory		10. Operation & Maintenance		15. Other

Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI - RI Optional)

Transaction Code	NPDES NUMBER	YR/MO/DA	Insp Type	Inspector	Fac Type
1 N 2 5 3 F 4 L 5 0 6 0 7 2 8 2 9 8 10 3 11 12 9 13 1 14 0 15 6 16 1 17 8 18 S 19 S 20 2	Remarks				

21

66

Inspection Type (Field 18): A=PAI, B=CBI, C=CEI, S=CSI, X=XSI, R=RI
 Inspector Code (Field 19): S=State, J=Joint EPA/State-EPA Lead, T=Joint State/EPA-State Lead
 Facility Type (Field 20): 1=Municipal (Publicly Owned), 2=Industrial and Privately Owned Domestic,
 3=Agricultural, 4=Federal
 Every other field is self explanatory.

**COMPLIANCE SAMPLING INSPECTION
SCHOLZ ELECTRIC GENERATING PLANT
JACKSON COUNTY**

JULY 15, 1991

Field Evaluation

Recommendations presented in this report appear as Regulatory Requirements to correct deficiencies or as suggestions to strengthen the self-monitoring program. The following observations were made during the Compliance Sampling Inspection (CSI).

1. Permit

The facility is currently operating under permits IO32-113566 (FDER) and #FL0002283 (NPDES).

Inspection observations verified the permit information regarding the location of the permitted outfalls and the name and location of the receiving stream. The location of the outfalls were as permitted except for the Metal Cleaning Waste (003) outfall. According to Raymond Walden, Lab Supervisor, this outfall site does not exist because the Scholz Plant does not discharge metal cleaning waste.

2. Compliance Schedule

The facility has generally met all required time constraints in regards to monitoring requirements, sampling and reporting frequencies.

3. Pretreatment

Not applicable/not evaluated

4. Records/Report

A review of the facility's records indicated that proper records are being kept concerning plant operations. However, the facility has been submitting a copy of the EPA's discharge monitoring report to this Department to satisfy the FDER permit requirement for monitoring. This report does not provide the information required by the facility's FDER permit. The monthly operating report (MOR) submitted to the Department should contain the results of all analysis performed in conjunction with the self-monitoring program. The daily results, monthly average, minimum and maximum should be reported for each parameter required by the FDER permit. These should be submitted for each permitted outfall at the facility. Gulf Power personnel have recently began submitting the requested information in the required format.

5. Laboratory

Not applicable/not evaluated

6. Sampling

Samples were collected during the inspection by Gulf Power personnel and by the Department. Samples were collected at the Discharge Canal (001), Ash Pond Discharge (002) and the Sanitary Treatment Plant Discharge (004). Gulf Power contracts the Water Spigot to sample for biological oxygen demand (BOD), total suspended solids (TSS), and fecal coliform. Savannah Laboratory analyzes metals, oil, and grease. Mr. Chris Jernigan of the Water Spigot collected samples during the inspection.

Samples were properly collected in the required containers and were preserved immediately upon collection; however, the samples were not preserved at 4 degrees C at the time of collection.

Accessibility to the Discharge Canal sampling point (001) was inadequate for safe convenient sampling. The Discharge Canal sampling point access ramp needs to be repaired as soon as possible as to provide safe access.

7. Self Monitoring

Composite samples were collected at the Ash Pond Discharge (002). The temperature for the composite sampler could not be determined.

Regulatory Requirements

Composite samples collected for biological oxygen demand, total suspended solids and nutrients must be maintained at 4°C during and after the composite period.

8. Facility Site Review/Operation and Maintenance

The deficiencies noted in the cover letter are problems associated with operations and maintenance.

Regulatory Requirements

The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the condition of the permit and required by Department rules.

9. Flow Measurement

The plant discharge flows are based upon pump rates. No flow meter was noted at the Ashpond discharge (003). Flow data for the facility is kept on pump logs.

10. Effluent

Gulf Power has discontinued analyzing total residual chlorine (TRC) at the Discharge Canal (001) because they are not chlorinating the cooling water. However, it should be noted that chlorine was detected prior to discharging into the Apalachicola River.

Analytical results revealed an elevated fecal coliform level at the Sanitary Treatment Plant Discharge (004).

11. Groundwater

Groundwater issues are presently being reviewed by the Department geologists.

12. Disposal Method

Not evaluated

13. Residuals Management

Not evaluated

Samples were taken during the inspection with the following results:

Discharge Canal 001

ph (standard units)	7.48
chlorine residual (mg/l)	.18
BOD (mg/l)	0.4
TSS (mg/l)	5
Fecal coliform (cts/100ml)	10
Total coliform (cts/100ml)	4300
Oil and Grease	5

Ash Pond 002

ph (standard units)	7.75
Chlorine residual (mg/l)	----
BOD (mg/l)	(composite) .4
	(grab) .4
TSS (mg/l)	(composite) .5
	(grab) .5

Sanitary Discharge 004

ph (standard units)	7.19
Chlorine residual (mg/l)	.2
BOD (mg/l)	2.7
Fecal Coliform (cts/100 ml)	1100
Total Coliform (cts/100 ml)	1100
TSS (mg/l)	20

Samples for nutrients were taken during the inspection but results were not available at the time this report was submitted.