

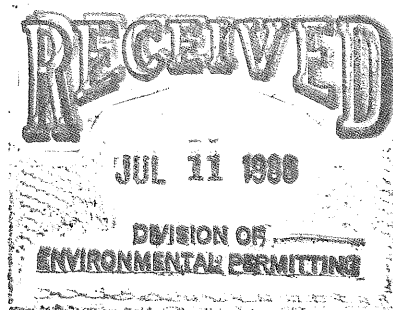
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Pensacola / Rochester / May ✓

JUL 07 1988

REF: 4MM-FP

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



RE: Minor Modification
Scholz Electric Generating Plant
NPDES No. FL0002283

Dear Mr. Layman:

In accordance with 40 CFR 122.63, the U.S. Environmental Protection Agency, Region IV, is making minor modifications of your National Pollutant Discharge Elimination System (NPDES) permit to correct several typographical errors, to correct misunderstandings in reporting requirements, and to require more frequent reporting and/or monitoring.

The following changes have been incorporated:

Page I-1: All "-" under discharge limitations are replaced with "N/A" to mean that no limitation, monitoring requirement, or reporting provision applies. Reporting of the instantaneous maximum for flow, discharge temperature, intake temperature, and heavy metals is added. The daily averages of the discharge temperature and the intake temperature are also designated for reporting. The unit of measurement for flow is changed to "MGD" only. The instantaneous maximum limitation for TRC is corrected to "0.20 mg/l." "Time of Addition" under the effluent characteristic column is corrected to read "Time of Chlorine Addition." "See Below" under the frequency of measurement column is clarified by a change to "*" and the addition of "*" at the appropriate statement. Several, previously omitted punctuation marks are added.

Page I-2: The "-" designated for the limitation of the daily average flow is replaced with "N/A" to mean that no limitation, monitoring requirement, or reporting provision applies. Reporting of the daily maximum flow is added. The unit of measurement for flow is changed to "MGD" only. The measurement frequency of oil and grease is corrected to "1/2 weeks." The item number of this Part and outfall is corrected.

Page I-3: The unit of measurement of this outfall flow is corrected to "gallons per batch." Reporting of daily average and daily maximum flow is added (this reporting is clarified by addition of a footnote). Measurement frequency of flow is changed to "1/batch." The item number of this Part and outfall is corrected.

Page I-4: Reporting of daily average and daily maximum flow is added. Measurement frequency of flow is changed to "1/day." The unit of measurement for flow is changed to "MGD" only. The item number of this Part and outfall is corrected.

If you have any questions concerning this modification, please contact Mr. Charles Kaplan or Ms. Yvonne Martin at the above address or at 404/347-3012.

Sincerely yours,

/s/ Harold W. Hopkins

Acting

Bruce R. Barrett, Director
Water Management Division

Enclosure

cc: Florida Department of Environmental Regulation

Part I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date and lasting through the term of this permit, the permittee is authorized to discharge from outfall serial number 001 - Once through cooling water.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTIC</u>	<u>DISCHARGE LIMITATIONS</u>		<u>MONITORING REQUIREMENTS</u>	
	<u>Daily Average</u>	<u>Instantaneous Maximum</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, MGD	N/A	Report	1/Hour	Pump Logs
Discharge Temperature, °C(°F)	Report	Report	4/Day	Instantaneous
Intake Temperature, °C(°F)	Report	Report	4/Day	Instantaneous
Heavy Metals	N/A	Report	*	Grab
Total Residual Chlorine (TRC), mg/l	N/A	0.20	1/Week during periods of chlorination	Multiple Grabs throughout periods of chlorine discharge <u>1/</u>
Time of Chlorine Addition, minutes/day/unit	N/A	120	1/Day	Logs

* Monitoring for arsenic, chromium, copper, iron, lead, and mercury 1/quarter, and cadmium, nickel, selenium, and zinc 1/year.

TRC shall not be discharged for more than 4 hours per day. This shall be considered complied with if the "time of chlorine addition" requirement is met.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): intake temperature at the condenser inlet, discharge temperature at the discharge structure, TRC 50 feet before the confluence of the cooling water discharge canal and the ash pond discharge, and heavy metals 200 feet downstream of the confluence of the ash pond discharge and the cooling water discharge but prior to the confluence of the discharge canal and the Apalachicola River.

1/ Multiple grab samples shall consist of not less than 3 per 30 minutes per unit during period(s) of maximum expected chlorine discharge.

Note: "N/A" means no limitation(s), monitoring, or reporting.

Date Signed: July 7, 1988
Date Effective: August 1, 1988

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Part I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

2. During the period beginning on the effective date and lasting through the term of this permit, the permittee is authorized to discharge from outfall serial number 002 - Ash pond.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTIC</u>	<u>DISCHARGE LIMITATIONS</u>		<u>MONITORING REQUIREMENTS</u>	
	<u>Daily</u> <u>Average</u>	<u>Daily</u> <u>Maximum</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>
Flow, MGD	N/A	Report	1/Week	Weir Elevation
Oil and Grease, mg/l	15 mg/l	20 mg/l	1/2 Weeks <u>1/</u>	Grab
Total Suspended Solids, mg/l	30 mg/l	90 mg/l	1/Week <u>1/</u>	Composite

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/week by grab.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): nearest accessible point after final treatment but prior to actual discharge or mixing with other waste streams.

- 1/ Not less than one additional grab sample(s) shall be collected during or after periods of heavy rainfall (two inches per day) at the time of expected maximum discharge rate. This increased sampling shall continue for a period of at least one (1) year after which time the permittee may request a reduction in the frequency of or elimination of this additional monitoring.

Date Signed: July 7, 1988
Date Effective: August 1, 1988

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Part I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

3. During the period beginning on the effective date and lasting through the term of this permit, the permittee is authorized to discharge from outfall serial number 003 - Metal cleaning wastes.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTIC</u>	<u>DISCHARGE LIMITATIONS</u>		<u>MONITORING REQUIREMENTS</u>	
	<u>Daily</u> <u>Average</u>	<u>Daily</u> <u>Maximum</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>
Flow, gallons/batch <u>2</u> /	Report	Report	1/Batch	Calculation
Total Copper, mg/l	1.0	1.0	8/Batch <u>1</u> /	Grab
Total Iron, mg/l	1.0	1.0	8/Batch <u>1</u> /	Grab

Metal cleaning wastes shall mean any chemical cleaning compounds, rinse waters, or any other waterborne residues derived from chemical cleaning any metal process equipment including, but not limited to, boiler tube cleaning, boiler fireside cleaning, and air preheater cleaning.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): nearest accessible point after metal cleaning waste treatment but prior to mixing with ash pond.

- 1/ One sample collected immediately after start of discharge to ash pond, one sample immediately before termination of discharge, and six samples collected at approximately equal times between.
- 2/ For one cleaning during a month, the same value for daily average and daily maximum shall be reported. For two or more cleanings during a month, the average batch volume shall be reported as the daily average and the maximum batch volume shall be reported as the daily maximum.

Date Signed: July 7, 1988
Date Effective: August 1, 1988

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Part I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

4. During the period beginning on the effective date and lasting through the term of this permit, the permittee is authorized to discharge from outfall serial number 004 - Sanitary wastes.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTIC</u>	<u>DISCHARGE LIMITATIONS</u>		<u>MONITORING REQUIREMENTS</u>	
	<u>Daily</u> <u>Average</u>	<u>Daily</u> <u>Maximum</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>
Flow, MGD	Report	Report	1/Day	Representative
Biochemical Oxygen Demand (5-day), mg/l	30	60	1/Quarter	Grab
Total Suspended Solids, mg/l	30	60	1/Quarter	Grab

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): nearest accessible point after final treatment but prior to actual discharge or mixing with the receiving waters.