



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Clean Water Act, as amended
(33 U.S.C. 1251 et. seq; the "Act"),

Gulf Power Company
P. O. Box 1151
Pensacola, Florida 32520

is authorized to discharge from a facility located at

Scholz Electric Generating Plant
County 271 off U.S. 90
Chattahoochee, Florida 32324

to receiving waters named

Apalachicola River

in accordance with effluent limitations, monitoring requirements and other
conditions set forth in Parts I, II, and III hereof. The permit consists
of this cover sheet, Part I 5 pages, Part II 12 pages and Part III 1 page.

This permit shall become effective on

This permit and the authorization to discharge shall expire at
midnight,

Date Signed

Paul J. Traina, Director
Water Management Division

DRAFT

7/11/83

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the term of this permit, the permittee is authorized to discharge from outfall(s) and serial number(s) 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>30 Day Avg</u>	<u>Instantaneous Maximum</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, M ³ /Day (MGD)	-		Hourly	Pump Logs
Discharge Temperature °C(°F)	N/A	N/A	4/Day	Instantaneous
Intake Temperature °C(°F)	N/A	N/A	4/Day	Instantaneous
Heavy Metals	-	-	See Below	Grab
Total Residual Chlorine, mg/l (TRC)	-	0.2	1/Week During periods of chlorination	Multiple Grabs throughout periods of chlorine discharge
Time of Addition mins/unit/day	-	120	Daily	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 2 hours per day if chlorinated simultaneously nor more than 2 hours per day per unit.

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 upstream of the confluence of the ash pond discharge and the cooling water 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.

DRAFT

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the term of this permit, the permittee is authorized to discharge from outfall(s) and serial number(s) 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 Avg</u>	<u>Daily Max</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, M ³ /Day (MGD)	-	-	1/Week	Weir Elevation
Oil and Grease, mg/l	15	15	1/Month	Grab
Total Suspended Solids, mg/l	30	77	1/Month	Composite

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

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

DRAFT

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the term of this permit, the permittee is authorized to discharge from outfall(s) and serial number(s) 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 Avg</u>	<u>Daily Max</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, M ³ /Day (MGD)	-	-	Batch Total	Calculation
Total Copper, mg/l	1.0	1.0	8/Batch	Grab
Total Iron, mg/l	1.0	1.0	8/Batch	Grab

The pH shall not be less than n/a standard units nor greater than n/a standard units and shall be monitored 1/month by a 24 hr. composite.

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

DRAFT

PART IA. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on the effective date of this permit and lasting through the term of this permit, the permittee is authorized to discharge from outfall(s) and serial number(s) 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 Avg</u>	<u>Daily Max</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, M ³ /Day (MGD)	-	-	Daily	Representative
Biochemical Oxygen Demand (5-day), mg/l	30	60	1/Quarter	Grab
Total Suspended Solids, mg/l	30	60	1/Quarter	Grab

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

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

DRAFT

PART I
Page I-5
Permit No. FL0002283

B. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

Operational Level Attained.....Effective Date of Permit

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

DRAFT

OTHER REQUIREMENTS

- A. There shall be no discharge of polychlorinated biphenyl compounds (PCB) such as those commonly used for transformer fluid. In the event that PCB containing equipment is used on site, administrative procedures shall be instituted to (1) maintain a detailed inventory of PCB use, (2) assure engineering design and construction to preclude release to PCB's to the environment, and (3) effectively detect the loss of PCB's from equipment.
- B. The company shall notify the Regional Administrator in writing not later than ninety (90) days prior to instituting use of any additional biocide or chemical other than Cl_2 , which may be toxic to aquatic life. Such notification shall include:
1. Name and general composition of biocide or chemical.
 2. Frequency of use.
 3. Quantities used.
 4. EPA registration number.
- C. If an applicable standard or limitation is promulgated under sections 301(b)(2) (C) and (D), 304(b)(2), and 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in this permit or controls a pollutant not limited in this permit, this permit shall be promptly modified or revoked and reissued to conform to that effluent standard or limitation.
- D. The State of Florida Department of Environmental Regulation has certified the discharge(s) covered by this permit with conditions (Attached). Section 401 of the Act requires that conditions of certification shall become a condition of the permit. The monitoring and sampling shall be as indicated for those parameters included in the certification. Any effluent limits, and any additional requirements, specified in the attached state certification which are more stringent supersedes any less stringent effluent limits provided herein. During any time period in which the more stringent state certification effluent limits are stayed or inoperable, the effluent limits provided herein shall be in effect and fully enforceable. (Note: Certification will be attached prior to permit issuance).

DRAFT