



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

APR 12 1983

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

REF: 4WM-FP

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

RE: Scholz Electric Generating Station
NPDES No. FL0002283

Dear Mr. Layman:

Enclosed for your review and comment are the draft NPDES permit, fact sheet and public notice for the Scholz Electric Generating Station.

Please respond to these enclosures by May 15, 1983. If you have any questions, feel free to contact Jim Newton or myself at 404/881-4793.

Sincerely yours,

A handwritten signature in cursive script, reading "R.F. McGhee".

Robert F. McGhee, Chief
South Area Permits Unit
Facilities Performance Branch

Enclosures

cc: Dr. J. P. Subramani, FDER

JOINT
PUBLIC NOTICE

U.S. Environmental Protection Agency
Region IV
Water Management Division - Facilities Performance Branch
345 Courtland Street, N.E.
Atlanta, Georgia 30365
(404) 881-4793

in conjunction with

Florida Department of Environmental Regulation
Twin Towers Office Building, 2600 Blair Stone Road
Tallahassee, Florida 32301
(904) 488-4807

Public Notice No.

NOTICE OF PROPOSED REISSUANCE OF
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMITS
AND NOTICE OF CONSIDERATION FOR STATE CERTIFICATION

The U.S. Environmental Protection Agency intends to reissue a National Pollutant Discharge Elimination System (NPDES) Permits to the following facility:

Gulf Power Company, P. O. Box 1151, Pensacola, Florida 32520 for its Scholz Electric Generating Station, County 271 off U.S. 90, Chattahoochee, Florida 32324, NPDES No. FL0002283. The company describes three existing discharges to the Apalachicola River from the generation of electricity. SIC Code 4911.

The proposed NPDES permit contains limitations on the amounts of pollutants allowed to be discharged and was drafted in accordance with the provisions of the Clean Water Act (33 U.S.C. Section 1251 et seq.) and other lawful standards and regulations. The pollutant limitations and other permit conditions are tentative and open to comment from the public.

Persons wishing to comment upon or object to any aspects of permit reissuance or wishing to request a public hearing, are invited to submit same in writing within thirty (30) days of this notice to the Water Management Division, Environmental Protection Agency, 345 Courtland Street, N.E., Atlanta, Georgia, 30365, ATTENTION: Earline Hanson. The public notice number and NPDES number should be included in the first page of comments.

All comments received within the 30-day period will be considered in the formulation of final determinations regarding the permit. Any interested person may within the 30-day period request a public hearing. Where there is a significant degree of public interest in the proposed permit issuance, the EPA Regional Administrator will hold a public hearing.

After consideration of all written comments and the requirements and policies in the Act and appropriate regulations, the EPA Regional Administrator will make determinations regarding the permit reissuance. If the determinations are substantially unchanged from those announced by this notice, the EPA Regional Administrator will so notify all persons submitting written comments. If the determinations are substantially changed, the EPA Regional Administrator will issue a public notice indicating the revised determinations. Requests for evidentiary hearing may be filed after the Regional Administrator makes the above-described determinations. Additional information regarding an evidentiary hearing is available in 40 CFR Subpart E, 45 FR 33498 (May 19, 1980), or by contacting the Regional Counsel's Office at the address above or at (404) 881-3506.

The administrative record, including application, fact sheet and/or draft permit, a sketch showing the exact location of the discharge(s), comments received, and additional information on hearing procedures is available at cost by writing the EPA address above, or for review and copying at 345 Courtland Street, 3rd floor, Atlanta, Georgia, between the hours of 8:15 a.m. and 4:30 p.m., Monday through Friday. A copying machine is provided for public use at a charge of 20¢ per page.

The Florida Department of Environmental Regulation has been requested to certify the discharge(s) in accordance with the provisions of Section 401 of the Clean Water Act (33 U.S.C. Section 1341). Comments on issuance of certification, including a request for public hearing, must be submitted to the state agency address above within thirty (30) days of the date of this public notice. If a public hearing is held, as described above, the state agency will co-chair the hearing in order to receive comments relative to state certification.

Please bring the foregoing to the attention of persons who you know will be interested in this matter.

###



Permit No: FL0002283

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

McGarry's Comments

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

4/12/83

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</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, M ³ /Day (MGD)	-	-	Hourly	Recorder or Pump Logs
Discharge Temperature °C(°F)	N/A	N/A	4/Day	Instantaneous
Temperature Rise °C(°F)	N/A	N/A	4/Day	Instantaneous
Free Available Chlorine, mg/l (FAC)	See Below		1/Week	Multiple Grabs
Total Residual Chlorine, mg/l (TRC)	See Below		1/Week	Multiple Grabs
Time of ^{Chlorine} Addition mins/unit/day	See Below		Daily	Logs <i>define</i>

Prior to July 1, 1984, FAC shall not exceed an average concentration of 0.2 mg/l and a maximum instantaneous concentration of 0.5 mg/l.

By July 1, 1984, TRC shall not exceed an instantaneous maximum concentration of 0.1 mg/l. Neither FAC nor TRC may be discharged from any unit for more than 2 hours per day.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Outlet corresponding to an individual unit prior to mixing with other waste streams.

DRAFT

define "multiple grabs"

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	Instantaneous
Oil and Grease, mg/l	15	15	1/Month	Grab
Total Suspended Solids, mg/l	30	77	1/Month	Composite
Heavy Metals 1/			1/Quarter	Grab

1/ Monitoring for heavy metals shall include total arsenic, cadmium, chromium, copper, iron, lead, mercury, nickel, selenium and zinc.

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

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) 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 Avg</u>	<u>Daily Max</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, M ³ /Day (MGD)	-	-	Batch Total	Recorder
Total Copper, mg/l	1.0	1.0	8/Batch	Composite Grab
Total Iron, mg/l	1.0	1.0	8/Batch	Composite 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

what is intended here -

8 grabs per batch composite
together + one test run
or 8 separate lab tests per
batch?

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) 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
Fecal Coliform Bacterial N/100ml Geometric Mean	200	800	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

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

~~Attain~~ ^{TCL}
~~BA~~ Limitation Met.....July 1, 1984

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 ~~etc.~~ *chlorine*, 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