



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

1421 PEACHTREE ST., N. E.
ATLANTA, GEORGIA 30309
December 31, 1975

4AEL:JWW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

Re: NPDES Permit No. FL0002283
Scholz Steam Plant

Dear Sir:

Enclosed is the National Pollutant Discharge Elimination System permit for the facility referenced above. This NPDES permit constitutes my determination under Title 40, Code of Federal Regulations, Section 125.35, as amended (39 FR 27080, July 24, 1974).

In accordance with 40 CFR 125.35, this permit will become issued and effective on the effective date specified in the permit, provided that no request for an adjudicatory hearing and/or legal decision is subsequently filed with the Agency. In the event that such a request is filed, the contested provisions of the permit will be stayed and will not become effective until the administrative review process is completed. All uncontested provisions of the permit will be considered issued and effective on the effective date set out in the permit and must be complied with by the facility.

If you wish to request an adjudicatory hearing and/or legal decision, you must submit such request (an original and two copies) to the Regional Hearing Clerk within ten (10) days from the receipt of this letter. The request will be timely if mailed by Certified Mail within the ten (10) day time period. For the request to be valid, it must conform to the requirements of 40 CFR 125.36(b). Such requirements are specified in the attachment hereto.

If you have any questions about the permit, please contact the coordinator for your state at 404/526-3971. Information on the request procedures and legal matters may be obtained by contacting Mr. John W. Wilcox at 404/526-3506.

Sincerely yours,

Jack E. Ravan
Jack E. Ravan
Regional Administrator

Enclosures

cc: Mr. John Jackson
Florida Department of Environmental
Regulation

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control 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 Steam Plant
P. O. Box 35
Chattahoochee, Florida 32324

to receiving waters named Apalachicola River
from discharge points enumerated herein, as serial numbers 001, 002, 003, 004,
005, 006 and 007

during the effective period of this permit.

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I, II, and III hereof.

This permit shall become effective on February 16, 1976.

This permit and the authorization to discharge shall expire at midnight, February 16, 1981. Permittee shall not discharge after the above date of expiration without prior authorization. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information, forms, and fees as are required by the Agency authorized to issue NPDES permits no later than 180 days prior to the above date of expiration.

Signed this 31 day of December 1975.



JAN 7 1976

John A. Ravan
for Jack E. Ravan, Regional Administrator

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on effective date and lasting through expiration the permittee is authorized to discharge from outfall(s) 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>Chlorination</u> <u>Period Average</u>	<u>Instantaneous</u> <u>Maximum</u>	<u>Measurement</u> <u>Frequency</u>	<u>Sample</u> <u>Type</u>
Flow-m ³ /Day (MGD)	N/A	N/A	Hourly	Recorder or pump logs
Discharge Temperature °C(°F)	N/A	N/A	4/Day	Instantaneously
Intake Temperature °C(°F)	N/A	N/A	4/Day	Instantaneously
Free available chlorine (mg/l)	See Below		1/week	Multiple grabs
Total residual chlorine (mg/l)	See Below		1/week	Multiple grabs

After July 1, 1977, free available chlorine shall not exceed an average concentration of 0.2 mg/l and a maximum instantaneous concentration of 0.5 mg/l at the outlet corresponding to an individual unit. Neither free available chlorine nor total residual chlorine may be discharged from any unit for more than two hours in any one day.

However, a study shall be instituted to evaluate all practicable methods to reduce total residual chlorine levels, including, but not necessarily limited to (1) minimization of chlorine addition commensurate with control requirements and (2) reduction of flow during chlorination. Results of this study including facilities and/or methods proposed to reduce total chlorine residuals shall be submitted no later than 180 days prior to expiration of this permit.

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.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on effective date and lasting through June 30, 1977
the permittee is authorized to discharge from outfall(s) serial number(s) 002 - Ash pond discharge

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>	
	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow-m ³ /Day (MGD)	N/A	N/A	1/day	Weir Reading
Oil and Grease (mg/l)	N/A	N/A	1/month	Grab
Total Suspended Solids (mg/l)	N/A	N/A	1/month	Grab
Heavy Metals <u>1/</u>	N/A	N/A	1/month	Grab

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

The pH shall not be less than N/A standard units nor greater than N/A standard units and shall be monitored 1/week.

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): discharge from ash pond prior to mixing with any other waste stream.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning July 1, 1977 and lasting through expiration the permittee is authorized to discharge from outfall(s) serial number(s) 002 - Ash Pond Discharge

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>	
	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow-m ³ /Day (MGD)	N/A	N/A	1/day	Weir Reading
Oil and Grease (mg/l)	15	20	2/month	Grab
Total Suspended Solids (mg/l)	30	100	2/month	Grab
Heavy Metals	See Below		1/month	Grab

Monitoring for heavy metals shall include total arsenic, cadmium, chromium, copper, iron, lead, mercury, nickel, selenium, zinc and, if oil fired, vanadium.

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

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): discharge from ash pond prior to mixing with any other waste stream.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning July 1, 1977 and lasting through expiration the permittee is authorized to discharge from outfall(s) serial number(s) 003* - Low Volume Waste Sources

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>	
	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow—m ³ /Day (MGD)	N/A	N/A	1/ 1/week	1/ Grab
Oil and Grease (mg/l)	15	20	1/week	8-hr composite
Total Suspended Solids (mg/l)	30	100		

Low volume waste sources shall mean taken collectively as if from one source, waste water from all sources except those for which specific limitations are otherwise required in this permit, including, but not limited to waste waters from wet scrubber air pollution control systems, ion exchange water treatment systems, water treatment evaporator blowdown, laboratory and sampling streams, floor drainage, cooling tower basin cleaning wastes and blowdown from recirculating house service water systems. Sanitary waste and air conditioning waste are specifically not included in low volume waste.

Limitations and monitoring requirements do not apply if discharge is routed to the ash pond.

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

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): discharge from the low volume wastewater treatment facility(s) prior to mixing with any other waste stream.

1/ Commensurate with treatment system instituted, but not less than 1/week.

*Serial number assigned for monitoring purposes.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning July 1, 1977 and lasting through expiration the permittee is authorized to discharge from outfall(s) serial number(s) 004* - Boiler Blowdown (Discharged to ash pond after pretreatment)

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>	
	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow—m ³ /Day (MGD)	N/A	N/A	1/month	Calculations
Copper, Total (mg/l)	1.0	1.0	1/month	Grab
Iron, Total (mg/l)	1.0	1.0	1/month	Grab

The pH shall not be less than N/A standard units nor greater than N/A standard units and shall be monitored

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): discharge from the boiler blowdown treatment facility(s) prior to mixing with any other waste stream.

*Serial number assigned for monitoring purposes.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning July 1, 1977 and lasting through expiration the permittee is authorized to discharge from outfall(s) serial number(s) 005* - Metal Cleaning Wastes (Discharged to ash pond after pretreatment)
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>	
	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow—m ³ /Day (MGD)	N/A	N/A	Batch Total	Records
Copper, Total (mg/l)	1.0	1.0	8/Batch	Grabs
Iron, Total (mg/l)	1.0	1.0	8/Batch	Grabs

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

The pH shall not be less than N/A standard units nor greater than N/A standard units and shall be monitored

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):
discharge from the metal cleaning wastes treatment facility(s) prior to mixing with any other waste stream.

*Serial number assigned for monitoring purposes.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning July 1, 1977,** and lasting through expiration the permittee is authorized to discharge from outfall(s) serial number(s) 006* - Point source(s) runoff from construction

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

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u> Instantaneous Maximum	<u>Monitoring Requirements</u>	
		Measurement Frequency	Sample Type
Flow-m ³ /Day (MGD)	N/A.	1/	1/
Total Suspended Solids (mg/l)	50 2/	1/	1/

Construction runoff shall include rainfall runoff discharged to navigable waters through any discernible, confined and/or discrete conveyance from any construction activity and any earth surface disturbed by such activity from the inception of any construction until construction is complete and disturbed earth is returned to a vegetative or other cover commensurate with the intended land use.

* Serial assigned for monitoring purposes.

** Or upon start of construction, whichever occurs first.

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/, 2/.

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): point(s) of discharge from treatment system prior to mixing with other waste streams.

1/ Frequency and sample type to be commensurate with the waste treatment system instituted, but not less than 1/week.

2/ Applicable to any flow up to the flow resulting from a 24-hour rainfall event with a probable recurrence interval of once in ten years. If an impoundment is utilized by permittee, it shall be capable of containing a 10-year, 24-hour rainfall event.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning July 1, 1977 and lasting through expiration the permittee is authorized to discharge from outfall(s) serial number(s) 007*- Point source(s) runoff from material storage

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>	
	Instantaneous Maximum	Measurement Frequency	Sample Type
Flow-m ³ /Day (MGD)	N/A	1/	1/
Total Suspended Solids (mg/l)	50 2/	1/	1/

Material storage runoff shall include rainfall runoff to navigable waters through any discernible, confined and/or discrete conveyance from or through any coal, ash or other material storage pile.

NOTE: Limitations and monitoring requirements do not apply if discharge is routed to the ash pond.

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/, 2/.

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): point(s) of discharge from treatment system prior to mixing with any other waste stream.

1/ Frequency and sample type to be commensurate with the waste treatment system instituted but not less than 1/week.

2/ Applicable to any flow up to the flow resulting from a 24-hour rainfall event with a probable recurrence interval of once in ten years. If an impoundment is utilized by permittee, it shall be capable of containing a 10 year 24 hour rainfall event.

*Serial assigned for monitoring purposes.

B. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:
 - a. Chemical Waste Treatment
 - (1) Detailed implementation schedule - 3/31/76
 - (2) Progress report - 9/30/76
 - (3) Progress report - 3/31/77
 - (4) Achieve operational level - 6/30/77
 - b. Start biological study - 6/30/76 (Intake)
 - c. Biological report - 12/31/77 (Intake)
 - d. Achieve chlorine levels - 6/30/77
 - e. Chlorine reduction report - 180 days prior to expiration 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.

Note: Any construction of new waste treatment facilities or alterations to existing waste treatment facilities will require a permit or authorization for construction in accordance with applicable state law and regulation.

C. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

2. Reporting

Monitoring results obtained during the previous 3 months shall be summarized for each month and reported on a Discharge Monitoring Report Form (EPA No. 3320-1), postmarked no later than the 28th day of the month following the completed reporting period. The first report is due on 3/31/76. Duplicate signed copies of these, and all other reports required herein, shall be submitted to the Regional Administrator and the State at the following addresses:

Regional Administrator
Environmental Protection Agency
1421 Peachtree Street, N.E.
Atlanta, Georgia 30309

AND Florida Department of Environmental
Regulation
Comodore Building, Suite 101
3444 McCrory Place
Orlando, Florida 32803

3. Definitions

- a. The "daily average" concentration means the arithmetic average (weighted by flow) of all the daily determinations of concentration made during a calendar month. Daily determinations of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily determination of concentration shall be the arithmetic average (weighted by flow) of all the samples collected during that calendar day.
- b. The "daily maximum" concentration means the daily determination of concentration for any calendar day.
- c. "Weighted by flow" means the summation of each sample concentration times its respective flow in convenient units divided by the summation of the flow values.
- d. "Nekton" means free swimming aquatic animals whether of freshwater or marine origin.
- e. For the purpose of this permit, a calendar day is defined as any 24-hour period.

4. *Test Procedures*

Test procedures for the analysis of pollutants shall conform to regulations published pursuant to Section 304(g) of the Act, under which such procedures may be required.

5. *Recording of Results*

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date, and time of sampling;
- b. The dates the analyses were performed;
- c. The person(s) who performed the analyses;
- d. The analytical techniques or methods used; and
- e. The results of all required analyses.

6. *Additional Monitoring by Permittee*

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report Form (EPA No. 3320-1). Such increased frequency shall also be indicated.

7. *Records Retention*

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation shall be retained for a minimum of three (3) years, or longer if requested by the Regional Administrator or the State water pollution control agency.

A. MANAGEMENT REQUIREMENTS

1. *Change in Discharge*

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new NPDES application or, if such changes will not violate the effluent limitations specified in this permit, by notice to the permit issuing authority of such changes. Following such notice, the permit may be modified to specify and limit any pollutants not previously limited.

2. *Noncompliance Notification*

If, for any reason, the permittee does not comply with or will be unable to comply with any daily maximum effluent limitation specified in this permit, the permittee shall provide the Regional Administrator and the State with the following information, in writing, within five (5) days of becoming aware of such condition:

- a. A description of the discharge and cause of noncompliance; and
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

3. *Facilities Operation*

The permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.

4. *Adverse Impact*

The permittee shall take all reasonable steps to minimize any adverse impact to navigable waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

5. *Bypassing*

Any diversion from or bypass of facilities necessary to maintain compliance with the terms and conditions of this permit is prohibited, except (i) where unavoidable to prevent loss of life or severe property damage, or (ii) where excessive storm drainage or runoff would damage any facilities necessary for compliance with the effluent limitations and prohibitions of this permit. The permittee shall promptly notify the Regional Administrator and the State in writing of each such diversion or bypass.

6. *Removed Substances*

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering navigable waters.

7. *Power Failures*

In order to maintain compliance with the effluent limitations and prohibitions of this permit, the permittee shall either:

- a. In accordance with the Schedule of Compliance contained in Part I, provide an alternative power source sufficient to operate the wastewater control facilities;
or, if such alternative power source is not in existence, and no date for its implementation appears in Part I,
- b. Halt, reduce or otherwise control production and/or all discharges upon the reduction, loss, or failure of the primary source of power to the wastewater control facilities.

B. RESPONSIBILITIES

1. *Right of Entry*

The permittee shall allow the head of the State water pollution control agency, the Regional Administrator, and/or their authorized representatives, upon the presentation of credentials:

- a. To enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and
- b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any discharge of pollutants.

2. *Transfer of Ownership or Control*

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Regional Administrator and the State water pollution control agency.

3. *Availability of Reports*

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public

inspection at the offices of the State water pollution control agency and the Regional Administrator. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

4. *Permit Modification*

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this permit;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

5. *Toxic Pollutants*

Notwithstanding Part II, B-4 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee so notified.

6. *Civil and Criminal Liability*

Except as provided in permit conditions on "Bypassing" (Part II, A-5) and "Power Failures" (Part II, A-7), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

7. *Oil and Hazardous Substance Liability*

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Act.

8. *State Laws*

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Act.

9. Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

10. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected hereby.

PART III

OTHER REQUIREMENTS

- A. In the event that waste streams from various sources are combined for treatment or discharge, the quantity of each pollutant or pollutant property attributable to each controlled waste source shall not exceed the specified limitation for that waste source.
- B. If the permittee, after monitoring for at least six months, determines that he is consistently meeting the effluent limits contained herein, the permittee may request of the Regional Administrator that the monitoring requirements be reduced to a lesser frequency or be eliminated.
- C. There shall be no discharge of polychlorinated biphenyl compounds such as those commonly used for transformer fluid.
- D. The company shall notify the Regional Administrator in writing not later than sixty (60) days prior to instituting use of any additional biocide or chemical used in cooling systems, other than chlorine, which may be toxic to aquatic life other than those previously reported to the Environmental Protection Agency. Such notification shall include:
 - 1. name and general composition of biocide or chemical.
 - 2. Quantities to be used.
 - 3. Frequency of use.
 - 4. Proposed discharge concentrations.
 - 5. EPA registration number.

- E. In accordance with Section 316(b) of the Act, by 6/30/76, the permittee shall design; submit specific details for review, modification and approval (allow two months for approval) by the Regional Administrator; and implement an approved program to monitor nekton and shellfish impinged on plant intake structures and fish eggs and larvae and other organisms entrained by the cooling water system. Such study shall be in conformance with "Basic Guide to the Design of 316 Demonstrations, Region IV EPA (August 7, 1974)."

Unless modified by the Regional Administrator, sampling for the impingement portion of the study shall be performed every two weeks on a 24-hour basis on random days and shall include the number, weight, size, species and condition of organisms trapped. Sampling frequency shall be increased during periods of high impingement. The program will include sampling variations due to season, time of day, general climatic conditions, stream flow, tidal variations, and other factors.

Unless modified by the Regional Administrator, sampling for the entrainment portion of the study shall be conducted at a minimum of one day per week for a 24-hour period. Such sampling shall extend over a time which will encompass periods of spawning of indigenous fish species and other periods of high biological productivity.

During this study period the permittee is encouraged to experiment with systems, methods or procedures to minimize impingement and entrainment effects. By 12/31/77 the permittee shall submit a summary report to the Regional Administrator and State Director as to the effects of the present cooling water intake with regard to Section 316(b) of the Act. If significant impingement and entrainment is occurring, this report shall include:

1. An evaluation of facility or procedure modifications, if necessary, to minimize the environmental impact of the cooling water intake,
 2. An evaluation of methods to return viable nekton and shellfish collected on the intake screens to ambient temperature water at a point outside the influence of the plant intake and discharge, and
 3. Proposed facilities or modifications with attendant implementation schedule(s) for implementing 1 and/or 2 above.
-

Should any required biological study results indicate the possible need for off-stream cooling or other modification to the present cooling water system, the above discussion shall include an evaluation of the effects on impingement and entrainment of such system modifications.

At the conclusion of this study period, subject to opportunity for review and hearing, the permittee shall implement procedures and or facility construction associated with the intake structure(s).

- F. Intake screen wash water can be discharged without limitations or monitoring requirements.
- G. For additional limitations and requirements imposed by State regulations, see the attached State of Florida certification.



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

2562 EXECUTIVE CENTER CIRCLE, EAST
MONTGOMERY BUILDING
TALLAHASSEE, FLORIDA 32301

REUBIN O'D. ASKEW
GOVERNOR

December 22, 1975

JOSEPH W. LANDERS, JR.
SECRETARY

Mr. Paul J. Traina
Director, Enforcement Division
U. S. Environmental Protection Agency
1421 Peachtree Street, N.E.
Atlanta, Georgia 30309

Dear Mr. Traina:

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 USC 1251, 1341), the State of Florida hereby issues certification for:

Gulf Power Company
Scholz Steam Plant

FL0002283

an applicant for a National Pollutant Discharge Elimination System permit, subject to the following additional State requirements.

The permittee must comply with Chapter 403, Florida Statutes, and all applicable sections of Chapter 17 FAC including but not limited to the water quality and waste treatment requirements of Chapter 17-3 and the permit requirements of Chapter 17-4.

The present system, wherein runoff from the coal pile area is allowed to discharge without treatment or analysis is not acceptable and must be revised. Diverting this flow into the ash pond would be acceptable provided the discharge from the ash pond does not violate the limits of 17-3.05. A plan for accomplishing this change must be included with the chemical waste treatment implementation schedule which is due on March 31, 1976.

RECEIVED
EDP/REGISTRATION IV
DEC 23 4 07 PM '75
ENFORCEMENT
DIVISION

December 22, 1975
Mr. Paul J. Traina
Scholz Steam Plant
Page two

The State of Florida certifies that if the applicant meets these conditions, its discharge will comply with the provisions of Sections 301 and 302 of the Act.

Insofar as we can determine, there are no limitations under Sections 306 and 307 applicable to this case.

Sincerely,

A handwritten signature in cursive script that reads "Martin Kahel for".

Joseph W. Landers, Jr.
Secretary

JWL:jms



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

1421 PEACHTREE ST., N. E.
ATLANTA, GEORGIA 30309

DATE: _____

PUBLIC NOTICE NO. _____

PUBLIC NOTICE OF NPDES PERMIT DETERMINATIONS



JAN 7 1976

Department of Pollution Control
NPDES SECTION

Company: Gulf Power Company
Location: Scholz Steam Plant, Chattahoochee, Florida 32324
NPDES Permit No. FL0002283
Permit Effective Date: February 16, 1976
Prior Public Notice No.: 76FL0037
Prior Public Notice Date: October 30, 1975

After due consideration of the facts applicable to the above-named facility and the requirements and policies expressed in the Federal Water Pollution Control Act and appropriate regulation, the Regional Administrator has determined that the National Pollutant Discharge Elimination System permit should be issued with substantial changes from the tentative determinations announced by the previous public notice of this permit. The changes made in the determinations are described in the last section of this notice.

The permit will be effective on the date given above provided that no request for an adjudicatory hearing and/or legal decision is granted by the Agency. If such a request is granted, all contested provisions of the permit will be stayed pending final Agency action. All uncontested provisions of the permit will become effective on the effective date of the permit.

REQUEST FOR ADJUDICATORY HEARING AND/OR LEGAL DECISION

Any interested person may submit a request for an adjudicatory hearing and/or legal decision within ten (10) days of the date of this notice or the date of receipt of this notice, whichever occurs first. The request and two copies thereof must be submitted to the Regional Hearing Clerk, Environmental Protection Agency, 1421 Peachtree Street, N. E., Atlanta, Georgia 30309. The submission of the request will be within the time period if mailed by Certified Mail before the tenth day. The request must:

- (i) State the name and address of the person making such request;
- (ii) Identify the interest of the requestor which is affected by the proposed issuance, denial or modification of the permit contained in the determination of the Regional Administrator;
- (iii) Identify any persons whom the request represents;

(iv) Include an agreement by the requestor to be subject to examination and cross-examination and to make any employee or consultant of such requestor or other person represented by the requestor available for examination and cross-examination at the expense of such requestor or such other person upon the request of the Presiding Officer, on his own motion, or on the motion of any party.

(v) State with particularity the reasons for the request;

(vi) State with particularity the issues proposed to be considered at the hearing; and

(vii) Include proposed terms and conditions which, in the judgment of the requestor, would be required to carry out the intendment of the Act.

Additional information on adjudicatory hearings and legal decisions is found at Title 40 Code of Federal Regulations, Section 125.36, 39, Federal Register 27081.

DESCRIPTION OF SUBSTANTIAL CHANGES

1. The following limitation and monitoring requirements page was added:

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning July 1, 1977 and lasting through expiration the permittee is authorized to discharge from outfall(s) serial number(s) 007*- Point source(s) runoff from material storage

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>	
	Instantaneous Maximum	Measurement Frequency	Sample Type
Flow-m ³ /Day (MGD)	N/A		
Total Suspended Solids (mg/l)	50 2/	1/ 1/	1/ 1/

Material storage runoff shall include rainfall runoff to navigable waters through any discernible, confined and/or discrete conveyance from or through any coal, ash or other material storage pile.

NOTE: Limitations and monitoring requirements do not apply if discharge is routed to the ash pond.

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/, 2/.

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): point(s) of discharge from treatment system prior to mixing with any other waste stream.

1/ Frequency and sample type to be commensurate with the waste treatment system instituted.

2/ Applicable to any flow up to the flow resulting from a 24-hour rainfall event with a probable recurrence interval of once in ten years. If an impoundment is utilized by permittee, it shall be capable of containing a 10 year 24 hour rainfall event.

*Serial assigned for monitoring purposes.