

AUG 03 1983

4WM-FP

Dr. J. P. Subramani
Florida Dept. of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Re: Request for State Certification
Gulf Power Company
Lansing Smith Electric Generating Plant, NPDES No. FL0002267
Crist Electric Generating Plant, NPDES No. FL0002275
Scholz Electric Generating Plant, NPDES No. FL0002283

Dear Dr. Subramani:

EPA hereby requests state certification of the above referenced National Pollutant Discharge Elimination System (NPDES) permit. The draft permit and supporting materials were submitted to you by letter dated March 17, 1983 for the Smith and Crist facilities and April 12, 1983 for the Scholz plant. Revised permits are enclosed.

In accordance with Section 401 of the Clean Water Act (33 U.S.C. 1251) and the NPDES regulations (40 C.F.R. 124.53), state certifications must be in writing and must include:

- (1) Conditions which are necessary to assure compliance with the applicable provisions of Clean Water Act Sections 208(e), 301, 302, 303, 306, and 307 and with appropriate requirements of State law;
- (2) Any conditions more stringent than those in the draft permit which the State finds necessary to meet the requirements listed in paragraph (1) above. For each more stringent condition, the Clean Water Act or State law references upon which that condition is based must be cited. Failure to provide such a citation waives the right to certify with respect to that condition; and
- (3) A statement of the extent to which each condition of the draft permit can be made less stringent without violating the requirements of State law, including water quality standards. Failure to provide this statement for any condition waives the right to certify or object to any less stringent condition which may be established during the EPA permit issuance process.

In accordance with 40 C.F.R. 124.53(c), EPA cannot issue or deny NPDES permits until the State has either granted or denied certification, or waived its right to certify. Also in accordance with the regulations, the State will be deemed to have waived its right to certify unless that right is exercised within 60 days from the date of this letter unless EPA finds that unusual circumstances require a longer time for certification. EPA anticipates that in some cases certification cannot be provided within 60 days, therefore, if longer time is needed please advise us in writing of the nature of the delay and anticipated date when certification will be completed.

Sincerely yours,

John T. Marlar, Chief
Facilities Performance Branch



Permit No: FL0002283

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

8/2/83

REGION IV
345 COURTLAND STREET
ATLANTA, GEORGIA 30365

DRAFT

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

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)	-	Maximum	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 minutes/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. The amount of chlorine added during each period of chlorination shall be reported to the Director, Water Management Division.

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 and TRC at the discharge structure 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.

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 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.

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>Kg/Batch</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, M ³ /Day (MGD)	-	-	-	Batch Total	Calculation
Oil and Grease, mg/l	15	20	1/	2/Batch	Grab
Total Copper, mg/l	1.0	1.0	<u>1/</u>	8/Batch	Grab
Total Iron, mg/l	1.0	1.0	<u>1/</u>	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 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 metal cleaning waste treatment but prior to mixing with ash pond.

1/ The total quantity of each pollutant discharged shall be reported. In no case shall the quantity discharged exceed the quantity determined by multiplying the volume of the batch of metal cleaning waste generated times the concentrations noted above (i. e., 3.8 kg (8,3 lbs) of iron and copper; 57 kg (125 lbs) of oil and grease per million gallons of metal cleaning waste generated).

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

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.

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.

OTHER REQUIREMENTS

- A. There shall be no discharge of polychlorinated biphenyl compounds (PCB) such as those commonly used for transformer fluid.
- 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 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).

AUG 03 1983

REF: 4WM-FP

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

RE: Public Notice of NPDES Permit Issuance
Lansing Smith Electric Generating Plant, NPDES No. FL0002267
Crist Electric Generating Plant, NPDES No. FL0002275
Scholz Electric Generating Plant, NPDES No. FL0002283

Dear Mr. Layman:

In accordance with 40 Code of Federal Regulations (CFR) 124.10(c)(1)(i), enclosed is the Public Notice which EPA has distributed pertaining to the Environmental Protection Agency's (EPA) tentative decision on your National Pollutant Discharge Elimination System (NPDES) permit application. All comments and objections to the draft permit must be submitted to EPA within the time period specified in the Public Notice (refer to 40 CFR 124.13).

The draft permit and supporting materials were previously sent to you by letter dated March 17, 1983 for The Crist and Smith plant and April 12, 1983 for the Scholz plant. The revised draft permit and supporting materials are enclosed.

If you have any questions concerning this matter, please contact me at the above address or by calling 404/881-4793.

Sincerely yours,

James J. Newton
Environmental Engineer
South Area Permits Unit
Water Management Division

Enclosure

JN 8/2/83



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
345 COURTLAND STREET
ATLANTA, GEORGIA 30365

AUG 1 1983

Dr. J. P. Subramani, PhD., P.E.
NPDES Permits Administrator
State of Florida
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Dear Dr. Subramani:

The enclosed public notice announcing NPDES permit application has been scheduled for circulation as indicated on the attached list.

Sincerely yours,

A handwritten signature in cursive script, reading "John T. Marlar", is written over the typed name.

John T. Marlar, Chief
Facilities Performance Branch

Enclosure(s)

<u>NOTICE NO.</u>	<u>APPLICANT(s)</u>	<u>NEWSPAPER(s) IN WHICH TO BE PUBLISHED</u>	<u>PUBLICATION/POSTING DATE</u>	
83FL076	Gulf Power Co.--Crist Elec. Gen. Plant	JOURNAL (Pensacola)	8/11/83	(Newton)
83FL077	Gulf Power Co.--Scholz Electric Generating Plant	DEMOCRAT (Tallahassee)	"	"
		TWIN CITY NEWS (Chattahoochee)	"	"

PUBLIC NOTICE

U.S. Environmental Protection Agency
Region IV
Water Management Division - Facilities Performance Branch
345 Courtland Street, N.E.
Atlanta, Georgia 30365
(404) 881-3544

Public Notice No. 83FL077

August 11, 1983

NOTICE OF PROPOSED REISSUANCE OF
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT(S)

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

Gulf Power Company, P. O. Box 1151, Pensacola, Florida 32520 for its Scholz Electric Generating Plant, 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 reissuance, 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, 48 FR 14278 (April 1, 1983), or by contacting the Office of Regional Counsel at the address above or at (404) 881-3506.

The administrative record, including application, fact sheet or statement of basis, 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, N.E., 3rd floor, Atlanta, Georgia, between the hours of 8:15 a.m. and 4:30 p.m., Monday through Friday. Copies will be provided at a cost of 20¢ per page.

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

###