

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

REF: 4WM-EP

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
Crist Electric Generating Plant - NPDES No. FL0002275
Smith Electric Generating Plant - NPDES No. FL0002267
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 April 19, 1984. 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 404/881-2156.

Sincerely yours,

Jim Newton
Environmental Engineer
South Area Permits Unit
Water Management Division

Enclosure

JNewton:bw:5-17-84:Wang 5933Z

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. 84FL091

May 24, 1984

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

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

1. Gulf Power Company, Post Office Box 1151, Pensacola, Florida 32520 for its Lansing Smith Electric Generating Plant, Lynn Haven, Florida 32401, NPDES No. FL0002267. The company describes two existing point sources for its Smith facility from the generation of electricity, SIC Code 4911. The Smith facility discharges via a canal into Warren Bayou and subsequently West Bayou of St. Andrews Bay.
2. Gulf Power Company, Post Office Box 1151, Pensacola, Florida 32520 for its Crist Electric Generating Plant, Pensacola, Florida 32520, NPDES No. FL0002275. The company describes one existing point source for its Crist facility from the generation of electricity, SIC Code 4911. The Crist facility discharges to the Escambia River just north of its confluence with Saultsman Bayou.
3. 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.

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Permit No: FL0002283

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

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5/22/84

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 page(s), Part II 15 page(s) and Part III 1 page(s).

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 1

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(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>Daily Average</u>	<u>Instantaneous Maximum</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) <u>1/</u>	-	0.2	1/Week during periods of chlorination	Multiple Grabs throughout periods of chlorine discharge
Time of Addition minutes/day/unit	-	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 4 hours per day.

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.

- 1/ Before July 1, 1984 (see Part I.B.1), free available chlorine may be discharged with the following limitations 0.2 mg/l daily average and 0.5 mg/l daily maximum. Before July 1, 1984, TRC limitations and monitoring requirements shall not apply.

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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(s) 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 Average</u>	<u>Daily Maximum</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, M ³ /Day (MGD)	-	-	1/Week	Weir Elevation
Oil and Grease, mg/l	15 mg/l	20 mg/l	1/2 Week <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/ Additional samples shall be collected during or after periods of heavy rainfall (two inches per day) at the time of expected maximum discharge rate. This 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.

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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(s) 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 Average</u>	<u>Daily Maximum</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 <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.

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/ 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.

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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(s) 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 Average</u>	<u>Daily Maximum</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.

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B. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule.
 - a. Compliance with total residual chlorine (TRC) limitations (OSN 001) - 7/1/84
 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 requirements.
- * Notification shall be provided and scheduling expedited should it become evident that dechlorination facilities will be required.

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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.)
- E. Discharge of uncontaminated stormwater intake screen backwash water, turbine oil cooler water and hydrogen generator cooler water is permitted without limitations or monitoring requirements.

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Part III

Reporting of Monitoring Results

Monitoring results obtained during the previous 3 month(3) shall be summarized for each month (each quarter if monitoring frequency is quarterly) and must be 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. Duplicate signed copies of these, and all other reports required by Section D of Part II, Reporting Requirements, shall be submitted to the Permit Issuing Authority and the State at the following Address:

Environmental Protection Agency
Region IV
Facilities Performance Branch
Water Management Division
345 Courtland Street, NE
Atlanta, Georgia 30365

Florida Dept. of Environmental
Regulation
District Office
(See attached State Certification
for mailing address.)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

FACT SHEET

APPLICATION FOR
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
PERMIT TO DISCHARGE TREATED WASTEWATER
TO U.S. WATERS

Application No. FLO002283

Date May 15, 1984

1. SYNOPSIS OF APPLICATION

a. Name and Address of Applicant

Gulf Power Company	for	Scholz Electric Generating Plant
P. O. Box 1151		County 271 off U.S. 90
Pensacola, Florida 32520		Chattahoochee, Florida 32324

b. Description of Applicant's Operation

Generation, transmission and distribution of electricity generally falling under Standard Industrial Classification 4911. Plant fuel is Coal.

c. Design Capacity of Facility

Number of Units - 2
Largest Unit (megawatts) - 49
Nameplate rating (megawatts) - 98

d. Applicant's Receiving Water

Apalachicola River

For a sketch showing the location of the discharge(s), see Attachment A.

e. Description of Existing Pollution Abatement Facilities

Low volume wastes, metal cleaning wastes, ash sluice water, etc., are treated in an ash pond; sanitary wastes are treated in a package plant before discharge. Once through cooling water is discharged untreated after shock chlorination.

f. Description of Discharges (as reported by applicant, May 1, 1981)

Serial 001 - Once through cooling water

Average Flow m ³ /sec (MGD)	- 129.6
Average Winter Temperature °C(°F)	- 24.7
Average Summer Temperature °C(°F)	- 36.1
pH Range (std. units)	- 7.15-7.93

Pollutants which are present in significant quantities or which are subject to effluent limitation are as follows:

<u>Effluent Characteristic</u>	<u>Reported Load (mg/l)</u>
Total Residual Chlorine	0.14 Maximum 0.08 Average

Serial 002 - Ash Pond

Average Flow m ³ /sec (MGD)	- 0.41
Average Winter Temperature °C(°F)	- 23.1
Average Summer Temperature °C(°F)	- 27.6
pH Range (std. units)	- 5.65-8.04

Pollutants which are present in significant quantities or which are subject to effluent limitation are as follows:

<u>Effluent Characteristic</u>	<u>Reported Load (mg/l)</u>
Oil and Grease	2.5 (max.)
Total Suspended Solids	8 (max.)
Total Iron	0.35 (max.)
Total Copper	0.20 (max.)

2. PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

See Attached Draft Permit Page I-1 through I-4.

3. PROPOSED COMPLIANCE SCHEDULE FOR ATTAINING EFFLUENT LIMITATIONS

See Attached Draft permit Page I-5.

4. PROPOSED SPECIAL CONDITIONS WHICH WILL HAVE A SIGNIFICANT IMPACT ON THE DISCHARGE

See Attached Draft Permit Pages III-1 through III-2.

5. WATER QUALITY STANDARDS AND EFFLUENT STANDARDS APPLIED TO THE DISCHARGE

I. Applicable Regulations

- A. The proposed conditions provide for compliance with (1) Effluent Guidelines and Standards for the steam electric power generating point source category (40 CFR 423) as promulgated on November 19, 1982 (47 FR 52290) for plant chemical wastes, as well as,
- B. Provision of the Florida Water Quality Standards (Chapter 17-3, Florida Administrative Code).

II. Effluent Limitations

A. Outfall Serial 001, 002

1. Temperature: Has been continued from the previous permit.

2. Total residual oxidants (total residual chlorine):

Based upon 40 CFR 423.13(b)1. ^{BAT} - A limit of 0.2 has been applied in the discharge canal prior to mixing with the ash pond discharge.

B. Outfall Serial Number 002: Ash Pond

1. Oil and grease and total suspended solids limitations were flow weighted in accordance with Attachments B & C.

2. Limitations were based upon 40 CFR 423.12b(3), (4) and (5). ^{BPT}

C. Outfall Serial Number 003: Metal Cleaning Wastes

1. Total copper and total iron limitations are based upon 40 CFR 423.12b(5).

D. Outfall Serial Number 004: Sanitary Wastes

1. BOD₅ and total suspended solids limitations were based upon the definition of secondary treatment.

E. Priority Pollutant Data

Data as required by 40 CFR 122.53 (d)(7)(ii) has been submitted by the applicant making it eligible for a five-year permit. Best professional judgement evaluation of the data indicates that no additional treatment is required for priority pollutants.

F. Proposed Permit Period:

Effluent limitations have been included in the draft permit to assure compliance with 40 CFR 423. A five year permit is proposed.

6. ADMINISTRATIVE RECORD

THE ADMINISTRATIVE RECORD, including application, fact sheet and/or draft permit, comments received, and additional information on hearing procedures is available by writing the EPA address above, or for review and copying at 345 Courtland Street, N.E., 3rd floor, Atlanta, Georgia 30365, 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.

The administrative record contains the following information:

- a. The initial application, amendments and supporting data furnished by the applicant,
- b. The draft permit,
- c. The public notice and fact sheet,
- d. All documents cited, herein, and
- e. Other documents contained in the supporting file for the permit, including the 316(a) and (b) preliminary determination documentation.

7. EPA CONTACT

Additional information concerning the draft permit may be obtained at the address and during the hours noted above:

Mrs. Earline Hanson
404/881-4201

PROCEDURES FOR THE FORMULATION OF FINAL DETERMINATIONS

a. Comment Period

The Environmental Protection Agency proposes to issue an NPDES permit to this applicant subject to the aforementioned effluent limitations and special conditions. These determinations are tentative and open to comment from the public.

Interested persons are invited to submit written comments regarding permit issuance or the proposed permit limitations and conditions to the following address:

Environmental Protection Agency
345 Courtland Street, N.E.
Atlanta, Georgia 30365
ATTN: Earline Hanson

All comments received within thirty (30) days of the date of this fact sheet will be considered in the formulation of final determinations with regard to proposed permit issuance.

b. Public Hearing

The EPA Regional Administrator will hold a public hearing if there is a significant degree of public interest in a proposed permit or group of permits, or if he determines that useful information and data may be obtained thereby. Public Notice of such a hearing will be circulated at least thirty days prior to the hearing.

c. Issuance of the Permit

After consideration of all written comments and of the requirements and policies in the Act and appropriate regulations, and, if a public hearing is held, after consideration of all comments, statements and data presented at the hearing, the EPA Regional Administrator will make determinations regarding the permit issuance. If the determinations are substantially unchanged from the tentative determinations outlined above, the EPA Regional Administrator will so notify all persons submitting written comments, and, if a public hearing was held, all persons participating in the hearing. If the determinations are substantially changed, the EPA Regional Administrator will issue a public notice indicating the revised determinations.

Unless a request for a hearing is granted, the proposed permit contained in the Regional Administrator's determinations shall become issued and effective and will be the final action of the U. S. Environmental Protection Agency.

d. Evidentiary Hearing

If the determinations are substantially unchanged, any interested person may submit a request for an evidentiary hearing on the permit and its conditions within thirty (30) days of the receipt of the notice described in section c. If the determinations are substantially changed, any interested person may submit a request for an evidentiary hearing within thirty days of the date of the public notice or of the date of becoming aware of the determinations, whichever ever comes first. Such requests will be within the time period if mailed by Certified Mail within the thirty-day period to the Regional Hearing Clerk, Environmental Protection Agency, 345 Courtland Street, N.E., Atlanta, Georgia 30365. All requests must contain:

(1) The name, mailing address and telephone number of the person making such request;

(2) A clear and concise factual statement of the nature and scope of the interest of the requester;

(3) The names and addresses of all persons whom the requester represents; and

(4) A statement by the requester that, upon motion of any party, or sua sponte by the Presiding Officer and without cost or expense to any other party, the requester shall make available to appear and testify, the following:

(1) The requester;

(11) All persons represented by the requester, and

(111) All officers, directors, employees, consultants and agents of the requester and the persons represented by the requester.

(5) Specific references to the contested permit terms and conditions, as well as suggested revised or alternative permit terms and conditions (not excluding permit denial) which, in the judgement of the requester, would be required to implement the purposes and policies of the Act.

(6) In the case of challenges to the application of control or treatment technologies identified in the statement of basis or fact sheet, identification of the basis for the objection, and the alternative technologies or combination of technologies which the requester believes are necessary to meet the requirements of the Act.

(7) Specific identification of each of the discharger's obligations which should be stayed if the request is granted. If the request contests more than one permit term or condition then each obligation which is proposed to be stayed must be referenced to the particular contested term warranting the stay.

(8) Each legal or factual question alleged to be at issue and its relevance to the permit decision.

(9) An estimate of the hearing time necessary for adjudication.

(10) Information supporting the request or relied upon which is not already a part of the administrative record required by 40 CFR 124.18 (45 Fed. Reg. 33491, May 19, 1980).

The granting of a request will stay only the contested portions of the permit. Uncontested provisions of the permit shall be considered issued and effective and the permittee must comply with such provisions. Except, if the permit is for a new source or new discharge, the applicant will be without a permit for the proposed new source or new discharge, pending final Agency action. The final Agency decision on the permit provisions contested at an evidentiary hearing will be made in accordance with Title 40, Code of Federal Regulations, Subpart E, found at 45 Federal Register 33498, et seq.

e. Panel Hearing

In the case of an "initial license," including the first grant of an NPDES permit, or the first decision on a requested variance, if the Regional Administrator elects to apply the provisions of subpart F and so states in the public notice of the draft permit, any person may request the Regional Administrator to hold a panel hearing on the permit. Such a request must be made within the comment period of the notice described above. Requests will be considered timely if mailed by certified mail within the comment period. All requests must contain:

(1) A brief statement of the interest of the person requesting the hearing;

(2) A statement of any objections to the draft permit;

(3) A statement of the issues which such person proposes to raise for consideration at such hearing;

(4) The name, mailing address and telephone number of the person making such request;

(5) A clear and concise factual statement of the nature and scope of the interest of the requester;

(6) The names and addresses of all persons whom the requester represents; and

(7) A statement by the requester that, upon motion of any party, or sua sponte by the Presiding Officer and without cost or expense to any other party, the requester shall make available to appear and testify, the following:

(i) The requester;

(ii) All persons represented by the requester; and

(iii) All officers, directors, employees, consultants and agents of the requester and the persons represented by the requester.

(8) Specific references to the contested permit terms and conditions, as well as suggested revised or alternative permit terms and conditions (not excluding permit denial) which, in the judgment of the requester, would be required to implement the purposes and policies of the Act.

If the permit for which a panel hearing is requested is a new source or new discharge, the applicant will be without a permit for the proposed new source or new discharge, pending final Agency action. Panel hearings will be conducted in accordance with title 40, Code of Federal Regulations, Subpart F, at 45 Federal Register 33504, et seq.

PART 1

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(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>Daily Average</u>	<u>Instantaneous Maximum</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) <u>1/</u>	-	0.2	1/Week during periods of chlorination	Multiple Grabs throughout periods of chlorine discharge
Time of Addition minutes/day/unit	-	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 4 hours per day.

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.

- 1/ Before July 1, 1984 (see Part I.B.1), free available chlorine may be discharged with the following limitations 0.2 mg/l daily average and 0.5 mg/l daily maximum. Before July 1, 1984, TRC limitations and monitoring requirements shall not apply.

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(s) 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 Average</u>	<u>Daily Maximum</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, M ³ /Day (MGD)	-	-	1/Week	Weir Elevation
Oil and Grease, mg/l	15 mg/l	20 mg/l	1/2 Week <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/ Additional samples shall be collected during or after periods of heavy rainfall (two inches per day) at the time of expected maximum discharge rate. This 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.

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(s) 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 Average</u>	<u>Daily Maximum</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 <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.

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/ 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.

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(s) 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 Average</u>	<u>Daily Maximum</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.

a. Compliance with total residual chlorine (TRC) limitations
(OSN 001) - 7/1/84

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 requirements.

* Notification shall be provided and scheduling expedited should it become evident that dechlorination facilities will be required.

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.)
- E. Discharge of uncontaminated stormwater intake screen backwash water, turbine oil cooler water and hydrogen generator cooler water is permitted without limitations or monitoring requirements.

Part III

Reporting of Monitoring Results

Monitoring results obtained during the previous 3 month(3) shall be summarized for each month (each quarter if monitoring frequency is quarterly) and must be 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. Duplicate signed copies of these, and all other reports required by Section D of Part II, Reporting Requirements, shall be submitted to the Permit Issuing Authority and the State at the following Address:

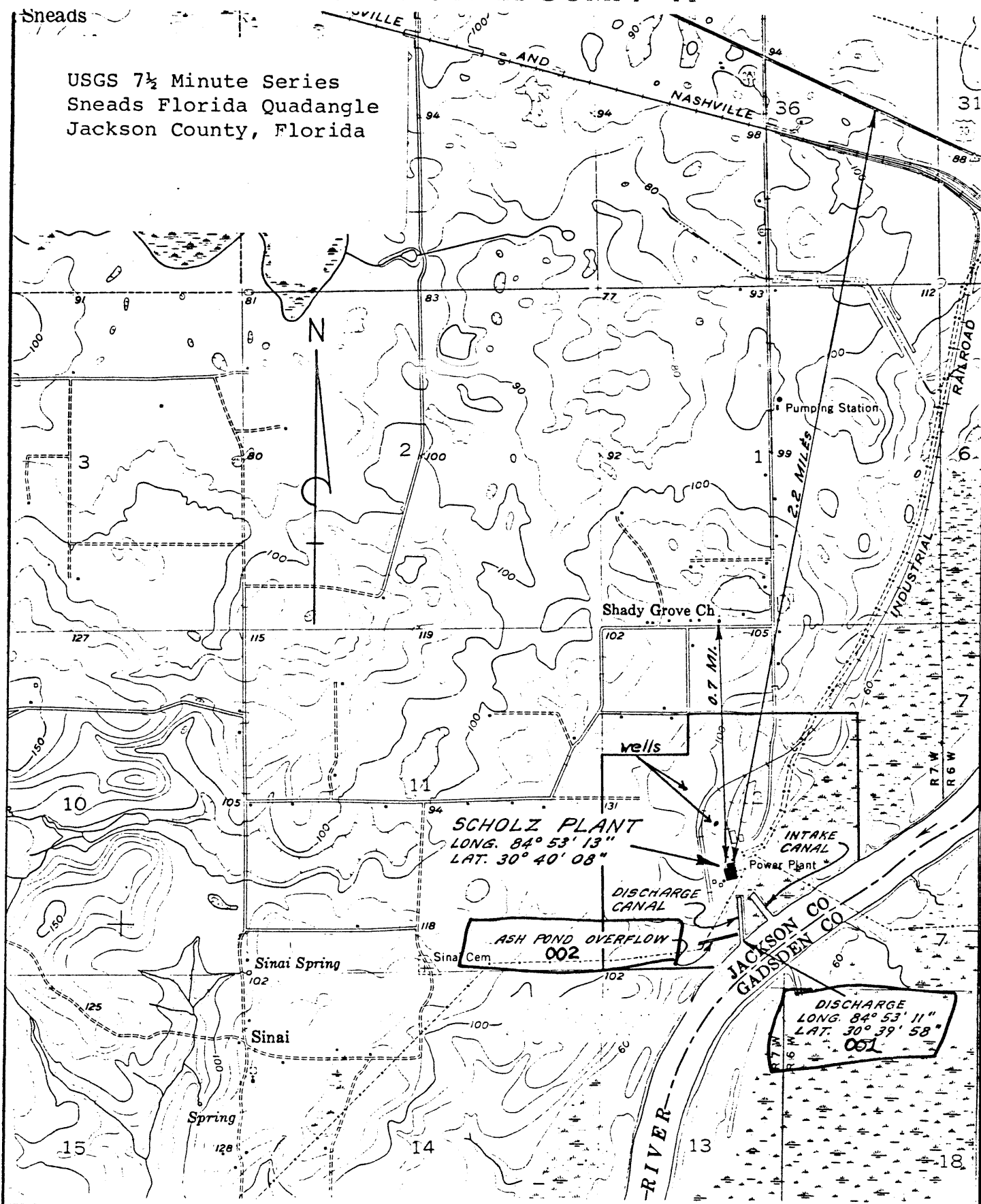
Environmental Protection Agency
Region IV
Facilities Performance Branch
Water Management Division
345 Courtland Street, NE
Atlanta, Georgia 30365

Florida Dept. of Environmental
Regulation
District Office
(See attached State Certification
for mailing address.)

GULF POWER COMP/ VY

Sneads

USGS 7½ Minute Series
Sneads Florida Quadangle
Jackson County, Florida



DR. Neuf

TR.

DATE 1-13-71

REV. 11-18-80

SUBJECT SCHOLZ UNITS 1&2 AIR & WATER POLLUTION PERMIT APPLICATION

DETAIL SITE LOCATION AND SURROUNDING AREA

A 3525

Scholz Ash Pond Effluent Limits Calculations1/ Oil and Grease

Waste Stream	Flow (MGD)	Concentration (mg/l)	
		30 day	1 day
1. Ash Sluice	.543	15	20
2. Low Volume waste, metal cleaning, etc.	.734	15	20
	-----	---	---
Total 1 & 2	1.263		
3. Coal Pile Runoff <u>2/</u>			
30 day flow	0.02	0	-
1 day flow	0.60	-	0
4. Ash Pond Rainfall <u>3/</u>			
30 day flow	0.14	15	-
1 day flow	4.10	-	20
<u>Total Flow 1, 2, 3 & 4</u>		<u>Allowable Concentration</u>	
30 day	1.423	14.8	-
1 day	5.963	-	18.0
	Use: 15 mg/l	20 mg/l	

1/ This calculation by Gulf assumes no credit for Oil and Grease concentration in the coal pile runoff portion and full credit for the ash pond rainfall portion. A conversion factor of 8.34 was used to convert mg/l to pounds.

2/ & 3/ The flows for coal pile runoff and rainfall falling into the ash pond were calculated using the 10-year, 24 hour rainfall event of 7.5 inches falling over an area of 5.9 acres for the coal pile and an area of 40.3 acres for the ash pond. A coefficient of runoff of 0.5 was assumed for both areas.

Scholz Ash Pond Effluent Limits Calculations1/ Total Suspended Solids

Waste Stream	Flow (MGD)	Concentration (mg/l)	
		30 day	1 day
1. Ash Sluice	.543	30	100
2. Low Volume waste, metal cleaning waste, etc.	.734	30	100
	-----	---	---
Total 1 & 2	1.263		
3. Coal Pile Runoff <u>2/</u>			
30 day flow	0.02	30	-
1 day flow	0.60	-	30
4. Ash Pond Rainfall <u>3/</u>			
30 day flow	0.14	30	-
1 day flow	4.10	-	100
<u>Total Flow 1, 2, 3 & 4</u>		<u>Allowable Concentration</u>	
30 day	1.423	30	-
1 day	5.963	-	93
Use: 30 mg/l		90 mg/l	

1/ This calculation by Gulf assumes a full credit for Total Suspended Solids with regard to flows occurring from rainfall actually falling into the 40.3 acre ash pond at Scholz Plant. A conversion factor of 8.34 was used to convert mg/l to pounds.

2/ & 3/ The flows for coal pile runoff and rainfall falling into the ash pond were calculated using the 10-year, 24 hour rainfall event of 7.5 inches falling over an area of 5.9 acres and 40.3 acres respectively. A coefficient of runoff of 0.5 was assumed for both areas.



Permit No: FL0002283

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 page(s), Part II 15 page(s) and Part III 2 page(s).

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

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5/22/84

Revised 6/22/84

PART 1

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(s) serial number(s) 001 - Once through cooling water.

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

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	Daily Average	Instantaneous Maximum	Measurement Frequency	Sample Type
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) 1/	-	0.2	1/Week during periods of chlorination	Multiple Grabs throughout periods of chlorine discharge <u>1/</u>
Time of Addition minutes/day/unit	-	120	Daily	Logs

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

TRC 50 feet before the confluence of the cooling water discharge canal and the ash pond discharge.

TRC shall not be discharged for more than 4 hours per day. This shall be considered complied with if the time of addition of chlorine requirement is complied with. *at the discharge structure 50 feet before the*

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.

1/ Multiple grab samples shall consist of not less than 3/30 minutes per unit during periods of maximum expected chlorine release. *per*

~~TRC shall not be discharged for more than 4 hours per day.~~

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(s) 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 Average</u>	<u>Daily Maximum</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, M ³ /Day (MGD)	-	-	1/Week	Weir Elevation
Oil and Grease, mg/l	15 mg/l	20 mg/l	1/2 Week <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.

Not less than one
1/ ^{*grab*} Additional ^{*grab*} samples 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.

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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(s) 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 Average</u>	<u>Daily Maximum</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 <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.

~~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/ 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.

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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(s) 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 Average</u>	<u>Daily Maximum</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.

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B. SCHEDULE OF COMPLIANCE

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

a. ~~Compliance with total residual chlorine (TRC) limitations~~
(OSN 001) - 7/1/84

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 requirements.

* Notification shall be provided and scheduling expedited should it become evident that dechlorination facilities will be required.

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PART III

OTHER REQUIREMENTS

A. Reporting of Monitoring Results

Monitoring results obtained during the previous calendar quarter shall be summarized for each month (each quarter if monitoring frequency is quarterly) and must be reported on a Discharge Monitoring Report Form (EPA No. 3320-1), postmarked no later than the 28th day of the month following the completed calendar quarter (For example data for January-March shall be submitted by April 28.) Duplicate signed copies of these, and all other reports required by Section D of Part II, Reporting Requirements, shall be submitted to the Permit Issuing Authority and the State at the following addresses:

Environmental Protection Agency	Florida Dept. of Environmental Regulation
Region IV	(See attached State Certification
Facilities Performance Branch	for appropriate address)
Water Management Division	
345 Courtland Street, N.E.	
Atlanta, Georgia 30365	

B. Reopener Clause

This permit shall be modified, or alternatively revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C), and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:

1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
2. Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

OTHER REQUIREMENTS

- C. A. There shall be no discharge of polychlorinated biphenyl compounds (PCB) such as those commonly used for transformer fluid.
- D. 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.
- F. 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.)
- E. B. Discharge of uncontaminated stormwater, intake screen backwash water, turbine oil cooler water and hydrogen generator cooler water is permitted without limitations or monitoring requirements.

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