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DIVISION OF
ENVIRONMENTAL PERMITTING

REF: 4WM-FP

Mr. G. O. Layman
Gulf Power Company
Post Office Box 1151
Pensacola, Florida 32520

Re: Compliance Evaluation Inspection
NPDES Permit No. FL0002283
Scholz Electric Generating Plant

Dear Mr. Layman:

I have enclosed a copy of the compliance evaluation inspection report. Briefly, you will note that your facility was inspected on July 29 and received a satisfactory rating. Messrs. Michael Oakes, Ralph Calhoun, P. V. Shelfin and W. T. Lyford were very helpful. With the exception of a heavy rain shower, the inspection went smoothly and quickly.

There are some matters which, however, need attention.

1. Please provide this office with a schedule to install a permanent line from the southeast storm sewer lift station to the upper ash pond and notify us when the work is complete.
2. Please provide EPA with a copy of the report covering a thermal plume study which was completed by Southern Research about one year ago.
3. The NPDES permit required a chlorine minimization study. You may write us with a review of historical chlorination records, conditions for chlorination, etc. We will review this and advise you if further work is needed.

You are advised to contact either Mr. Jim Newton (404/881-4794) or Mr. Michael McGhee concerning all permit re-issuance questions such as monitoring, station locations and frequency of compliance. Your application for permit re-issuance has not been processed to date. A permit modification is not possible for an expired permit, so your concerns will need to be addressed via reissuance.

Thank you for your cooperation and please feel free to contact me if you have any questions concerning this letter or the attached report.

Sincerely yours,

Michael H. Levi
Environmental Engineer
Florida/Mississippi Unit
Industrial Operations Section

Enclosure

cc: Mr. Rick Bradburn
Florida Dept. of Environmental Regulation

Mrs. Victoria J. Techinkel, Secretary ✓
Florida Dept. of Environmental Regulation

NPDES COMPLIANCE		INSPECTION REPORT (Coding Instructions on page of last page)																	
TRANSACTION CODE	NPDES	YR	MO	DA	TYPE	INSPECTOR	FAC TYPE	TIME											
N	5	8	2	29	1	7	1	1:00	pm										
1	2	3	11	12	17	18	19	20											
REMARKS: in your concern of not to be released in the future.																			
21																			
65																			
70																			

SECTION A - Permit Summary

NAME AND ADDRESS OF FACILITY (Include County, State and ZIP code)		EXPIRATION DATE
Gulf Power - Scholtz Plant Jackson County		2-16-81
P.O. Box 35		ISSUANCE DATE
Chattahoochee, FL 32324		2-16-76
RESPONSIBLE OFFICIAL	TITLE	PHONE
G. O. Layman	Dir., Power Supply	904-434-8354
FACILITY REPRESENTATIVE	TITLE	PHONE
Michael Oaks	Water Quality Specialist	

SECTION B - Effluent Characteristics (Additional sheets attached from DMR 5/82)

PARAMETER/OUTFALL	MINIMUM	AVERAGE	MAXIMUM	ADDITIONAL
SAMPLE MEASUREMENT				
PERMIT REQUIREMENT				
SAMPLE MEASUREMENT				
PERMIT REQUIREMENT				
SAMPLE MEASUREMENT				
PERMIT REQUIREMENT				
SAMPLE MEASUREMENT				
PERMIT REQUIREMENT				
SAMPLE MEASUREMENT				
PERMIT REQUIREMENT				

SECTION C - Facility Evaluation (S = Satisfactory, U = Unsatisfactory, N/A = Not applicable)

S	EFFLUENT WITHIN PERMIT REQUIREMENTS	S	OPERATION AND MAINTENANCE	S	SAMPLING PROCEDURES
S	RECORDS AND REPORTS	N/A	COMPLIANCE SCHEDULE	S	LABORATORY PRACTICES
S	PERMIT VERIFICATION	S	FLOW MEASUREMENTS		OTHER:

SECTION D - Comments

SECTION E - Inspection/Review			ENFORCEMENT DIVISION USE ONLY
SIGNATURES	AGENCY	DATE	COMPLIANCE STATUS
INSPECTED BY Michael H. Levi	EPA	7-29-82	☐ COMPLIANCE
INSPECTED BY Rick Bradburn	EDER	7-29-82	☐ NONCOMPLIANCE
REVIEWED BY Peter T. McHarry	EPA	8-11-82	

Sections F thru L: Complete on all inspections, as appropriate. N/A = Not Applicable

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SECTION F - Facility and Permit Background

ADDRESS OF PERMITTEE IF DIFFERENT FROM FACILITY
(Including City, County and ZIP code)Scholz Electric Generating Center
P.O. BOX 1181
Pensacola, FL 32526

DATE OF LAST PREVIOUS INVESTIGATION BY EPA/STATE

4-20-82

FINDINGS

satisfactory
sample collected

SECTION G - Records and Reports

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT.

☒ YES ☐ NO ☐ N/A (Further explanation attached _____)

DETAILS:

(a) ADEQUATE RECORDS MAINTAINED OF:

(i) SAMPLING DATE, TIME, EXACT LOCATION

☒ YES ☐ NO ☐ N/A

(ii) ANALYSES DATES, TIMES

☒ YES ☐ NO ☐ N/A

(iii) INDIVIDUAL PERFORMING ANALYSIS

☐ YES ☒ NO ☐ N/A

(iv) ANALYTICAL METHODS/TECHNIQUES USED

☒ YES ☐ NO ☐ N/A

(v) ANALYTICAL RESULTS (e.g., consistent with self-monitoring report data)

☒ YES ☐ NO ☐ N/A

(b) MONITORING RECORDS (e.g., flow, pH, D.O., etc.) MAINTAINED FOR A MINIMUM OF THREE YEARS INCLUDING ALL ORIGINAL STRIP CHART RECORDINGS (e.g., continuous monitoring instrumentation, calibration and maintenance records).

☒ YES ☐ NO ☐ N/A

(c) LAB EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS KEPT.

☒ YES ☐ NO ☐ N/A

(d) FACILITY OPERATING RECORDS KEPT INCLUDING OPERATING LOGS FOR EACH TREATMENT UNIT.

☒ YES ☐ NO ☐ N/A

(e) QUALITY ASSURANCE RECORDS KEPT.

☒ YES ☐ NO ☐ N/A

(f) RECORDS MAINTAINED OF MAJOR CONTRIBUTING INDUSTRIES (and their compliance status) USING PUBLICLY OWNED TREATMENT WORKS.

☐ YES ☐ NO ☒ N/A

SECTION H - Permit Verification

INSPECTION OBSERVATIONS VERIFY THE PERMIT.

☒ YES ☐ NO ☐ N/A (Further explanation attached _____)

DETAILS:

(a) CORRECT NAME AND MAILING ADDRESS OF PERMITTEE.

☒ YES ☐ NO ☐ N/A(b) FACILITY IS AS DESCRIBED IN PERMIT. *some modification*☒ YES ☐ NO ☐ N/A

(c) PRINCIPAL PRODUCT(S) AND PRODUCTION RATES CONFORM WITH THOSE SET FORTH IN PERMIT APPLICATION.

☒ YES ☐ NO ☐ N/A

(d) TREATMENT PROCESSES ARE AS DESCRIBED IN PERMIT APPLICATION.

☒ YES ☐ NO ☐ N/A

(e) NOTIFICATION GIVEN TO EPA/STATE OF NEW, DIFFERENT OR INCREASED DISCHARGES.

☐ YES ☐ NO ☒ N/A(f) ACCURATE RECORDS OF RAW WATER VOLUME MAINTAINED. *with run off*☒ YES ☐ NO ☐ N/A

(g) NUMBER AND LOCATION OF DISCHARGE POINTS ARE AS DESCRIBED IN PERMIT.

☒ YES ☐ NO ☐ N/A

(h) CORRECT NAME AND LOCATION OF RECEIVING WATERS.

☒ YES ☐ NO ☐ N/A

(i) ALL DISCHARGES ARE PERMITTED.

☒ YES ☐ NO ☐ N/A

SECTION I - Operation and Maintenance

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED.

☒ YES ☐ NO ☐ N/A (Further explanation attached _____)

DETAILS:

(a) STANDBY POWER OR OTHER EQUIVALENT PROVISIONS PROVIDED.

☒ YES ☐ NO ☐ N/A

(b) ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE.

☐ YES ☒ NO ☐ N/A

(c) REPORTS ON ALTERNATE SOURCE OF POWER SENT TO EPA/STATE AS REQUIRED BY PERMIT.

☐ YES ☐ NO ☒ N/A(d) SLUDGES AND SOLIDS ADEQUATELY DISPOSED. *on site*☒ YES ☐ NO ☐ N/A

(e) ALL TREATMENT UNITS IN SERVICE.

☒ YES ☐ NO ☐ N/A(f) CONSULTING ENGINEER RETAINED OR AVAILABLE FOR CONSULTATION ON OPERATION AND MAINTENANCE PROBLEMS. *n ce Southern Co. services*☒ YES ☐ NO ☐ N/A

(g) QUALIFIED OPERATING STAFF PROVIDED.

☒ YES ☐ NO ☐ N/A

(h) ESTABLISHED PROCEDURES AVAILABLE FOR TRAINING NEW OPERATORS.

☒ YES ☐ NO ☐ N/A

(i) FILES MAINTAINED ON SPARE PARTS INVENTORY, MAJOR EQUIPMENT SPECIFICATIONS, AND PARTS AND EQUIPMENT SUPPLIERS.

☒ YES ☐ NO ☐ N/A

(j) INSTRUCTIONS FILES KEPT FOR OPERATION AND MAINTENANCE OF EACH ITEM OF MAJOR EQUIPMENT.

☒ YES ☐ NO ☐ N/A

(k) OPERATION AND MAINTENANCE MANUAL MAINTAINED.

☒ YES ☐ NO ☐ N/A

(l) SPCC PLAN AVAILABLE.

☒ YES ☐ NO ☐ N/A

(m) REGULATORY AGENCY NOTIFIED OF BY PASSING. (Dates _____)

☐ YES ☐ NO ☒ N/A

(n) ANY BY-PASSING SINCE LAST INSPECTION.

☐ YES ☒ NO ☐ N/A(o) ANY HYDRAULIC AND/OR ORGANIC OVERLOADS EXPERIENCED. *rainfall induced*☒ YES ☐ NO ☐ N/A

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SECTION J - Compliance Schedules

PERMITTEE IS MEETING COMPLIANCE SCHEDULE. ☐ YES ☐ NO ☒ N/A (Further explanation attached _____)

CHECK APPROPRIATE PHASE(S):

- ☐ (a) THE PERMITTEE HAS OBTAINED THE NECESSARY APPROVALS FROM THE APPROPRIATE AUTHORITIES TO BEGIN CONSTRUCTION.
- ☐ (b) PROPER ARRANGEMENT HAS BEEN MADE FOR FINANCING (mortgage commitments, grants, etc.).
- ☐ (c) CONTRACTS FOR ENGINEERING SERVICES HAVE BEEN EXECUTED.
- ☐ (d) DESIGN PLANS AND SPECIFICATIONS HAVE BEEN COMPLETED.
- ☐ (e) CONSTRUCTION HAS COMMENCED.
- ☐ (f) CONSTRUCTION AND/OR EQUIPMENT ACQUISITION IS ON SCHEDULE.
- ☐ (g) CONSTRUCTION HAS BEEN COMPLETED.
- ☐ (h) START-UP HAS COMMENCED.
- ☐ (i) THE PERMITTEE HAS REQUESTED AN EXTENSION OF TIME.

SECTION K - Self-Monitoring Program

Part 1 - Flow measurement (Further explanation attached _____)

PERMITTEE FLOW MEASUREMENT MEETS THE REQUIREMENTS AND INTENT OF THE PERMIT. ☒ YES ☐ NO ☐ N/ADETAILS: Circular graph recorder(a) PRIMARY MEASURING DEVICE PROPERLY INSTALLED. ☒ YES ☐ NO ☐ N/ATYPE OF DEVICE: ☒ WEIR ☐ PARSHALL FLUME ☐ MAGMETER ☐ VENTURI METER ☐ OTHER (Specify _____)(b) CALIBRATION FREQUENCY ADEQUATE. (Date of last calibration 11 months) ☒ YES ☐ NO ☐ N/A(c) PRIMARY FLOW MEASURING DEVICE PROPERLY OPERATED AND MAINTAINED. ☒ YES ☐ NO ☐ N/A(d) SECONDARY INSTRUMENTS (totalizers, recorders, etc.) PROPERLY OPERATED AND MAINTAINED. ☒ YES ☐ NO ☐ N/A(e) FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGES OF FLOW RATES. ☒ YES ☐ NO ☐ N/A

Part 2 - Sampling (Further explanation attached _____)

PERMITTEE SAMPLING MEETS THE REQUIREMENTS AND INTENT OF THE PERMIT. ☒ YES ☐ NO ☐ N/A

DETAILS:

(a) LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES. ☒ YES ☐ NO ☐ N/A(b) PARAMETERS AND SAMPLING FREQUENCY AGREE WITH PERMIT. ☒ YES ☐ NO ☐ N/A(c) PERMITTEE IS USING METHOD OF SAMPLE COLLECTION REQUIRED BY PERMIT. ☒ YES ☐ NO ☐ N/A
IF NO, ☒ GRAB ☐ MANUAL COMPOSITE ☐ AUTOMATIC COMPOSITE FREQUENCY(d) SAMPLE COLLECTION PROCEDURES ARE ADEQUATE. ☐ YES ☐ NO ☐ N/A(i) SAMPLES REFRIGERATED DURING COMPOSITING ☐ YES ☐ NO ☐ N/A(ii) PROPER PRESERVATION TECHNIQUES USED ☐ YES ☐ NO ☐ N/A(iii) FLOW PROPORTIONED SAMPLES OBTAINED WHERE REQUIRED BY PERMIT ☐ YES ☐ NO ☐ N/A(iv) SAMPLE HOLDING TIMES PRIOR TO ANALYSES IN CONFORMANCE WITH 40 CFR 136.3 ☐ YES ☐ NO ☐ N/A(e) MONITORING AND ANALYSES BEING PERFORMED MORE FREQUENTLY THAN REQUIRED BY PERMIT. pH only ☒ YES ☐ NO ☐ N/A(f) IF (e) IS YES, RESULTS ARE REPORTED IN PERMITTEE'S SELF-MONITORING REPORT. ☐ YES ☒ NO ☐ N/A

Part 3 - Laboratory (Further explanation attached _____)

PERMITTEE LABORATORY PROCEDURES MEET THE REQUIREMENTS AND INTENT OF THE PERMIT. ☐ YES ☐ NO ☐ N/A

DETAILS:

(a) EPA APPROVED ANALYTICAL TESTING PROCEDURES USED. (40 CFR 136.3) ☒ YES ☐ NO ☐ N/A(b) IF ALTERNATE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED. ☐ YES ☐ NO ☒ N/A(c) PARAMETERS OTHER THAN THOSE REQUIRED BY THE PERMIT ARE ANALYZED. ☐ YES ☒ NO ☐ N/A(d) SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. pH ☒ YES ☐ NO ☐ N/A(e) QUALITY CONTROL PROCEDURES USED. ☒ YES ☐ NO ☐ N/A(f) DUPLICATE SAMPLES ARE ANALYZED. _____ % OF TIME. ☐ YES ☐ NO ☒ N/A(g) SPIKED SAMPLES ARE USED. _____ % OF TIME. ☐ YES ☐ NO ☒ N/A(h) COMMERCIAL LABORATORY USED. ☒ YES ☐ NO ☐ N/A(i) COMMERCIAL LABORATORY STATE CERTIFIED. EPA certified ☒ YES ☐ NO ☐ N/ALAB NAME Vestor J. Thompson for metals, As, oil & grease?LAB ADDRESS Mobile, Alabama and TSS

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SECTION L - Effluent/Receiving Water Observations (Further explanation attached _____)

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	VISIBLE FLOAT SOL	COLOR	OTHER
001	no	no	no	no	no	no	

(Sections M and N: Complete as appropriate for sampling inspections)

SECTION M - Sampling Inspection Procedures and Observations (Further explanation attached _____)

- ☐ GRAB SAMPLES OBTAINED
- ☐ COMPOSITE OBTAINED
- ☐ FLOW PROPORTIONED SAMPLE
- ☐ AUTOMATIC SAMPLER USED
- ☐ SAMPLE SPLIT WITH PERMITTEE
- ☐ CHAIN OF CUSTODY EMPLOYED
- ☐ SAMPLE OBTAINED FROM FACILITY SAMPLING DEVICE

COMPOSITING FREQUENCY _____ PRESERVATION _____

SAMPLE REFRIGERATED DURING COMPOSITING: ☐ YES ☐ NO

SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE _____

SECTION N - Analytical Results (Attach report if necessary)