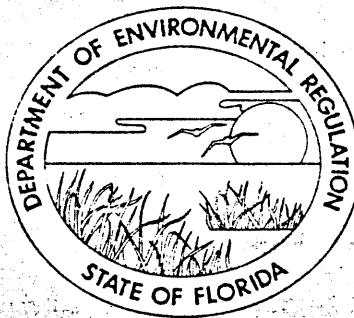




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FEB 12 1982DIV. ENVIRONMENTAL
PERMITTING

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

Gulf Power
Scholz Electric Generating Plant
Wastewater Treatment Facilities
Jackson County

OPERATION
PERMIT

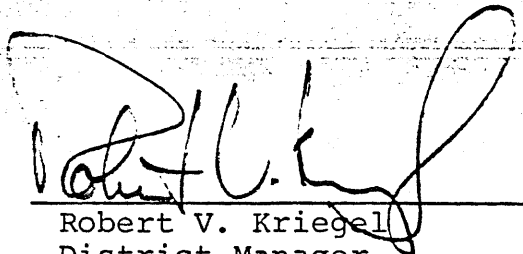
NO. I032-37371

DATE OF ISSUANCE

January 22, 1982

DATE OF EXPIRATION

March 1, 1986

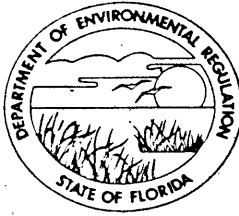


Robert V. Kriegel
District Manager

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHWEST DISTRICT

160 GOVERNMENTAL CENTER
PENSACOLA, FLORIDA 32501



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

ROBERT V. KRIEGL
DISTRICT MANAGER

APPLICANT:

George O. Layman

OPERATION

PERMIT/CERTIFICATION

NO. IO32-37371

COUNTY: Jackson

PROJECT:

Gulf Power - Scholz Electric
Generating Plant

7 17-3
This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapters 27-3, 17-4 & 17-6, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For operation of the wastewater treatment facilities for treatment of condenser cooling water and discharge from the ash pond. The treated wastes are discharged into a discharge canal which discharges in the Apalachicola River.

Located In Chattahoochee, Florida.

LAT: 30° 40' 08" LONG: 84° 53' 13"

In accordance with an application dated December 2, 1980 signed by George O. Layman, and transmitted by letter dated December 2, 1980 from Timothy S. Anthony.

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DER Form 17-1.122(63)

DIV. ENVIRONMENTAL
PERMITTING

PERMIT NO: IO32-37371
APPLICANT: George O. Layman

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed on notice that the Department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.
2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.
3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.
4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.
5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.
6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

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DIV. ENVIRONMENTAL
PERMITTING

PERMIT NO.: IO32-37371
APPLICANT: George O. Layman

GENERAL CONDITIONS:

7. In the case of an operation permit, permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, except where specifically authorized by an order from the Department granting a variance or exception from Department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the Department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any noncompliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by Department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and Department rules.

11. This permit does not indicate a waiver of or approval of any other Department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

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DIV. ENVIRONMENTAL
PERMITTING

PERMIT NO: IO32-37371
APPLICANT: George O. Layman

SPECIFIC CONDITIONS:

13. The operation of the pollution control facilities shall be under the full-time supervision of a person who is qualified by formal training and/or practical experience in the field of water pollution control.

14. The permittee shall submit monthly reports on the monitoring of water quality parameters as stipulated in conditions 22A through 22C. Monthly reports shall be submitted to the Northwest District Office, Department of Environmental Regulation, 160 Governmental Center, Pensacola, Florida 32501, no later than the twenty-eighth day of the following month.

15. Any diversion from or bypass of the facilities and processes described in the terms and conditions of this permit is prohibited except (1) where unavoidable to prevent loss of life or severe property damage, or (2) 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 Northwest District Office of the Department by telephone to be followed with written notification where necessary of each such diversion or bypass.

16. 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.

17. There shall be no discharge of contaminated runoff to area surface waters.

18. Solids, sludges, waste, or other pollutants removed in the course of construction, treatment, or control of effluent shall be disposed of in such a manner so as to prevent said materials from entering waters of the State. Permittee shall obtain the Department's written approval prior to disposal of these materials. Intake screen washwater may be discharged without limitations.

19. Polychlorinated biphenyl compounds such as those commonly used for transformer fluid are specifically prohibited in the discharge.

20. Low volume process wastes shall be discharged to the ash pond. Demineralizer regeneration wastes shall be neutralized prior to discharge to the ash pond.

21. The spill control plan for this facility is by reference made a part of this permit.

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DIV. ENVIRONMENTAL
PERMITTING

SCHOLZ ELECTRIC GENERATING PLANT

22. The effluent limitations and monitoring requirements for authorized discharges from the permittee's facility are as follows:

A. Once through cooling water discharge including the discharge from the ash pond. (Serial No. 001)

Effluent Characteristic	Discharge Limitations		Monitoring Requirements		
	30 Day Avg.	24 Hr. Max	Measurement Frequency	Type Sample	Sample Location
Flow (MGD)	N/A	N/A	1/hour	Pump logs	Intake pumps
Intake Temperature °C (°F)	N/A	N/A	4/day	Instantaneous	Condenser inlet
Discharge Temperature °C (°F)	N/A	N/A	4/day	Instantaneous	Discharge structure
Total Chlorine Residual (mg/l)	N/A	0.3 mg/l	Once/month	Multiple Grab	(5)
pH (units)	N/A	6.0 min/8.5 max	Once/month	Grab	(2)
Oil & Grease (mg/l)	N/A	5.0 mg/l	Once/quarter	Grab	(2)
Polychlorinated Biphenyls (ug/l)	N/A	0.001 ug/l	Once/year	Grab	(2)
Arsenic	N/A	0.05 mg/l	Quarterly	Grab	(2)
Cadmium	N/A	0.005 mg/l	Once/year	Grab	(2)
Chromium (Total)	N/A	1.0 mg/l	Quarterly	Grab	(2)
Copper	N/A	0.015 mg/l	Quarterly	Grab	(2)
Iron	N/A	1.0 mg/l (3)	Quarterly	Grab	(2)
Lead	N/A	0.03 mg/l	Quarterly	Grab	(2)
Mercury	N/A	0.0002 mg/l	Quarterly	Grab	(2)
Nickel	N/A	0.10 mg/l	Once/year	Grab	(2)
Selenium	N/A	0.025 mg/l	Once/year	Grab	(2)
Zinc	N/A	1.0 mg/l	Once/year	Grab	(2)
Fecal Coliform Note (4)	N/A	800/100 ml	Once/quarter	Grab	(2)

DIV. ENVIRONMENTAL PERMITTING

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- (1) There shall be no discharge of floating solids or visible foam in other than trace amounts.
- (2) Sampling location shall be approximately 200 feet from the ash pond discharge into the canal prior to the confluence of the canal and Apalachicola River.
- (3) If the value of the total iron concentration in the intake stream exceeds 1.0 mg/l, then the value of the total iron concentration in the discharge stream shall not exceed the value of the intake concentration. If the value of the total iron concentration in the intake stream is equal to or less than 1.0 mg/l then the value of the total iron concentration in the discharge stream shall not exceed 1.0 mg/l.
- (4) Sampling and monitoring for fecal coliform shall not be done on the same day that chlorine is being introduced to the intake condenser cooling water.
- (5) Sampling location for chlorine is defined as just immediately downstream of the point where the new ash pond discharge into the cooling water discharge canal.

B. Ash Pond Discharge (Serial No. 002)

<u>Effluent Characteristic</u>	mg/l		<u>Measurement Frequency</u>	<u>Type of Sample</u>
	<u>30 Day Avg.</u>	<u>24 Hr. Max.</u>		
Flow (MGD)	N/A	N/A	Daily	Weir elevation
Oil & Grease	15	20	Once/quarter	Grab
Total Suspended Solids	30	100	Once/quarter	Grab
pH	N/A	6.0 min/8.5 max	Weekly	Grab
Heavy Metals - <i>more stringent than NPDES</i>	N/A	N/A	Notes (1) & (2)	Grab

Note (1) Monitoring frequency for arsenic, cadmium, copper, iron and selenium shall be one/quarter.

Note (2) Monitoring frequency for chromium, lead, mercury, nickel and zinc shall be one/year.

Note (3) There shall be no discharge of floating solids or visible foams in other than trace amounts.

Note (4) Samples for determination of compliance with the above limitations shall be taken at the ash pond "V" notch weir.

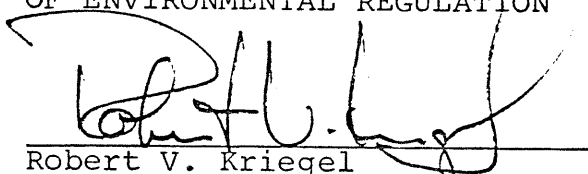
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PERMIT NO: IO32-37371
APPLICANT: George O. Layman

Expiration Date: March 1, 1986

Issued this 22d day of Jan
1982.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


Robert V. Kriegel
District Manager

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