



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

July 12, 2002

CERTIFIED MAIL – Return Receipt Requested

Mr. Gene L. Ussery  
V.P. of Power Generation/Transmission  
Gulf Power Company  
One Energy Place  
Pensacola, Florida 32520-0328

Dear Mr. Ussery:

RE: Authorization to Conduct Pollutant Testing and Parameter Measurements for the Development of a Compliance Assurance Monitoring (CAM) Protocol for the Gulf Power Company's Scholz Electric Generating Plant's Units Nos. 1 & 2's Electrostatic Precipitators (ESP)  
0630014-002-AC

The Department has reviewed the request that you provided on June 5, 2002. We have considered the Department's legal authority to allow Gulf Power Company to conduct the requested testing and measurements on its Scholz Electric Generating Plant's Units Nos. 1 & 2's ESP located in Sneads, Jackson County. The purpose is to help the company address Compliance Assurance Monitoring (CAM), which will have to be addressed regarding the ESP upon renewal of their Title V Operation Permit. Paragraph 403.061(16), Florida Statutes (F.S.), authorizes the Department to encourage voluntary cooperation by persons in order to achieve the purposes of the state environmental control act. Paragraph 403.061(18), F.S., authorizes the Department to encourage and conduct studies, investigations, and research relating to the causes and control of pollution. Rule 62-210.700(5), Florida Administrative Code (F.A.C.), authorizes the Department to consider variation in industrial equipment and make allowances for excess emissions that provide reasonable and practical regulatory controls consistent with public interest.

In accordance with the provisions of Paragraphs 403.061(16) and (18), F.S., and Rule 62-210.700(5), F.A.C., you are hereby authorized to conduct pollutant testing and parameter measurements for the development of a CAM protocol for the Gulf Power Company's Scholz Electric Generating Plant's Units Nos. 1 & 2's ESP. This evaluation will require Gulf Power Company to vary the collection efficiency of the ESP to establish a performance curve between opacity, particulate matter emissions and ash resistivity, thus creating an operational condition near or in excess of the Florida particulate matter emissions and opacity standards. The data gathered will allow the calibration of an EPRI (Electrical Power Research Institute) computer model to evaluate the performance of the Scholz Units Nos. 1 & 2's ESP. The pollutants and or parameters to be measured or monitored will include sulfur dioxide [CEM (continuous emission monitor)], nitrogen oxides (CEM), particulate matter, carbon dioxide (CEM), ash content of the fuel, ultimate fuel analyses, unit operational parameters including load, fuel flow, excess air, flue gas temperature, and other unit specific parameters that are needed for the EPRI computer model. Particulate size distribution may be evaluated also.

*"More Protection, Less Process"*

*Printed on recycled paper.*

Mr. Gene L. Ussery  
Gulf Power Company  
Scholz Electric Generating Plant: Units Nos. 1 & 2  
0630014-002-AC  
Page Two

The performance tests and parameter measurements or monitoring shall be subject to the following conditions:

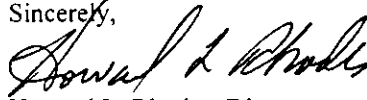
1. Unless waived, the permittee shall notify the Department's Northwest District Office, Northwest District Branch Office - Tallahassee, and Bureau of Air Regulation Office at least 15 days prior to commencement of the performance tests and parameter measurements or monitoring. A written report shall be submitted to these offices within 45 days upon completion of the last test run and parameter measurements and monitoring.
2. The authorized testing and measurement and monitoring schedule is from July 15 through September 30, 2002. If additional time is needed, the permittee shall provide the Department with documentation of the progress accomplished to date and shall identify what is left to be done to complete the testing and measurements or monitoring.
3. The parameters to be measured or monitored are sulfur dioxide [CEM (continuous emission monitor)], nitrogen oxides (CEM), particulate matter, carbon dioxide (CEM), ash content of the fuel, ultimate fuel analyses, unit operational parameters including load, fuel flow, excess air, flue gas temperature, and other unit specific parameters that are needed for the EPRI computer model. Particulate size distribution may be evaluated also.
4. Emissions testing shall be conducted concurrently for the following pollutants and using the following test methods:
  - a. Particulate matter                    EPA Test Method 17 (including EPA Test Methods 1 thru 4)
  - b. Visible emissions                    EPA Test Method 9
5. The performance test plans are as follows:
  1. Conduct a performance test (three 1-hour runs) using EPA Method 17 at "normal" operations;
  2. Conduct a performance test (three 1-hour runs) using EPA Method 17 at a reduction in the ESP efficiency; and,
  - 3.a. If the test results show that the PM allowable limit was exceeded; then the ESP's efficiency will be increased and a third performance test using EPA Method 17 will be conducted (supposedly between "normal" and "at the reduced efficiency"); or,
  - b. If the test results show that the PM allowable limit was not exceeded; then the ESP's efficiency will be further decreased and a third performance test using EPA Method 17 will be conducted in an attempt to define the outer range of the ESP's efficiency at which the PM allowable limit will be exceeded; and,
  - c. If the outer range is not established by the 2<sup>nd</sup> and 3<sup>rd</sup> performance tests, then the performance testing is ended for that emissions unit; and, Gulf Power Company will use the data to help define their CAM Plan for that emissions unit tested.
6. The release of objectionable odors pursuant to Rule 62-296.320(2), F.A.C., is not authorized for this activity.
7. Performance testing shall immediately cease upon the occurrence of a valid environmental complaint by a citizen or other party, or a nuisance or danger to the public health or welfare. Performance testing shall not resume until appropriate measures to correct the problem have been implemented.

Mr. Gene L. Ussery  
Gulf Power Company  
Scholz Electric Generating Plant: Units Nos. 1 & 2  
0630014-002-AC  
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8. The performance tests and parameter measurements and monitoring shall be under the direct supervision and responsible charge of a professional engineer registered in Florida.
9. This Department action is just to authorize the performance testing and parameter measurements and monitoring for the Scholz Units Nos. 1 & 2's ESP for the purpose of developing a CAM protocol.
10. Complete documentation of the activity shall be kept on file for at least 5 (five) years.
11. The Department shall be notified in writing on the date of the last test run and parameter measurement and monitoring completion. If after work hours, notification shall occur on the next work day.
12. Attachment Section.
  - a. Mr. G. Dwain Waters's letter received June 5, 2002.
  - b. Final Determination.

The Department has relied on the information referenced in the Attachment Section and conversations with representatives of Gulf Power Company in authorizing this activity.

Sincerely,



Howard L. Rhodes, Director  
Division of Air Resource Management

HLR/rbm

Enclosures

cc: Clair Fancy, DEP - BAR  
Scott Sheplak, DEP - BAR  
Sandra Veazey, DEP - NWD  
Kevin White, DEP - NWD  
Gerry Neubauer, DEP - NWDB  
Joe Kahn, DEP - BAMMS  
G. Dwain Waters, Q.E.P., GPC  
Gregory N. Terry, P.E., GPC

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Received by (Please Print Clearly) <i>T. Garner</i>	B. Date of Delivery <i>07/11/02</i>
1. Article Addressed to:  Mr. Gene L. Ussery V.P. of Power Generation/Transmission Gulf Power Company One Energy Place Pensacola, Florida 32520-0328	C. Signature <input checked="" type="checkbox"/> <i>T. Garner</i>	
2. Article Number (Copy from service label) 7099 3400 0000 1449 5656	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
PS Form 3811, July 1998	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.  4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:  
 Mr. Gene L. Ussery

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
<b>Total Postage &amp; Fees</b>	\$	

Name (Please Print Clearly) (to be completed by mailer)  
 Mr. Gene L. Ussery  
 Street, Apt. No., or PO Box No.  
 One Energy Place  
 City, State, Zip+4  
 Pensacola, Florida 32520-0328

PS Form 3800, July 1999      See Reverse for Instructions

7099 3400 0000 1449 5656

## **FINAL DETERMINATION**

**Gulf Power Company**

**Scholz Electric Generating Plant**

**Project No.: 0630014-002-AC**

### **I. Public Notice and Comments.**

The Public Notice of the permitting project was published in the News Herald on June 28, 2002. On July 2<sup>nd</sup>, an e-mail message from Mr. Dwain Waters, with Gulf Power Company, was received during the commenting period (14-days) that concluded at the close of business of July 11, 2002. The request was to delete the requirement imposed on the P.E. of record for oversight of the overall testing project. The request was denied through an e-mail explanation on July 2<sup>nd</sup> and, therefore, no changes will be made to the Draft authorization letter.

### **II. Conclusion.**

It is recommended to issue the authorization letter as noticed.

One Energy Place  
Pensacola, Florida 32520

Tel 850.444.6111

RECEIVED

JUL 03 2002

BUREAU OF AIR REGULATION



Certified Mail

July 1, 2002

Mr. Bruce Mitchell  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dear Mr. Mitchell:

RE: SCHOLZ ELECTRIC GENERATION FACILITY  
DEP File No. 0630014-002-AC  
Air Construction Permit for CAM - Public Notice Affidavit

Thanks for the quick response to Gulf Power's request for an air construction permit to conduct CAM testing at Plant Scholz. Enclosed is the proof of publication, i.e., newspaper affidavit regarding the Public Notice of Intent to Issue An Air Construction Permit originally sent to Gene L. Ussery (Gulf Power) on June 25, 2002.

Please let me know if you have any questions regarding this matter and if you receive any public comments regarding our request.

Sincerely,

A handwritten signature in black ink that reads "G. Dwain Waters, Q.E.P." The signature is written in a cursive style.

G. Dwain Waters, Q.E.P.  
Air Quality Programs Supervisor

Cc: J. O. Vick, Gulf Power Company  
Mike Sarab, Gulf Power Company  
Trey Hall, Gulf Power Company  
Ken Peacock, Gulf Power Company  
Sandra Veazey, FDEP, Northwest District  
Kevin White, FDEP Northwest District

# Florida Freedom Newspapers, Inc.

PUBLISHERS OF THE NEWS HERALD  
Panama City, Bay County, Florida  
Published Daily

## State of Florida County of Bay

Before the undersigned authority appeared \_\_\_\_\_

Pam Gregory, who on oath says that (s)he

is Advertising Director of the News Herald, a daily

newspaper published at Panama City, in Bay County, Florida; that the attached copy

of advertisement, being a Legal Advertisement

in the matter of Public Notice

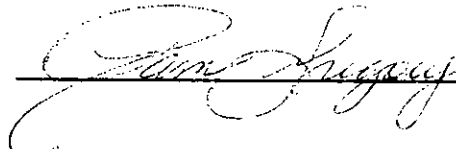
Scholz Electric

in the Bay County

Court, was published in said newspaper in the issues of \_\_\_\_\_

June 28, 2002

Affiant further says that the News Herald is a direct successor of the Panama City News and that this publication, together with its direct predecessor, has been continuously published in said Bay County, Florida, each day (except that the predecessor, Panama City News, was not published on Sundays), and that this publication together with its said predecessor, has been entered as a second class mail matter at the post office in Panama City in said Bay County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement, all in accordance with the provisions of section 49.03, Florida Statutes; and affiant further says that (s)he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.



State of Florida  
County of Bay

Sworn to and subscribed before me this 28th day of June,

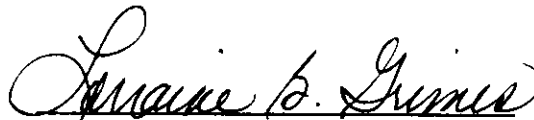
A. D., 2002 by Pam Gregory, Advertising Director of The

News Herald, who is personally known to me or has produced N/A

as identification.



LETTERING BY GRIMES  
MY COMMISSION # CC031145 EXPIRES  
August 25, 2004  
BONDED THROUGH FAIN INSURANCE, INC.



Notary Public, State of Florida at Large

2235  
PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Draft Air Construction Permit No.: 0630014-002-AC  
Gulf Power Company

Scholz Electric Generating Plant  
Jackson County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue an air construction permit to Gulf Power Company for its Scholz Electric Generating Plant located in Sneads, Jackson County. The applicant's name and address are: Gene L. Ussey, V.P. of Power Generation/Transmission, Gulf Power Company, One Energy Place, Pensacola, Florida 32520-0328.

The permittee, Gulf Power Company, applied on June 5, 2002, for authorization to conduct pollutant testing and parameter measurements for the development of a Compliance Assurance Monitoring (CAM) protocol for the Gulf Power Company's Scholz Units Nos. 1 & 2's ESP (electrostatic precipitator), which is located at the Scholz Electric Generating Plant in Sneads, Jackson County. This evaluation will require Gulf Power Company to vary the collection efficiency of the ESP to establish a performance curve between opacity, particulate matter emissions and ash resistivity, thus creating an operational condition near or in excess of the Florida particulate matter emissions standard. The data gathered will allow the calibration of an EPRI (Electrical Power Research Institute) computer model to evaluate the performance of the Scholz Units Nos. 1 & 2's ESP. The pollutants and or parameters to be measured or monitored will include sulfur dioxide [CEM (continuous emission monitor)], nitrogen oxides (CEM), particulate matter, carbon dioxide (CEM), ash content of the fuel, ultimate fuel analyses, unit operational parameters including load, fuel flow, excess air, flue gas temperature, and other unit specific parameters that are needed for the EPRI computer model. Particulate size distribution may be evaluated also. The development testing is scheduled to run from July 15 through September 30, 2002.

The permitting authority will issue the Air Construction Permit, and subsequent Final Air Construction Permit, in accordance with the conditions of the Draft Air Construction Permit unless a process is

mit unless a response received in accordance with the following procedures results in a different decision of significant change of terms or conditions. The permitting authority will accept written comments concerning the proposed Draft Air Construction Permit issuance action for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this Draft Air Construction Permit, the permitting authority shall issue a Revised Draft Air Construction Permit and require, if applicable, another Public Notice. A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code (F.A.C.).

a party to the proceeding. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code (F.A.C.). A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file(s) or identification number(s), if known;
- (b) The name, address and telephone number of the petitioner, name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination;
- (c) A statement of how and when the petitioner received notice of the agency action or proposed action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so state;
- (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief; and
- (f) A demand for relief.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above. Mediation is not available for this proceeding. A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:  
Department of  
Environmental Protection  
Bureau of Air Regulation  
111 South Magnolia Drive,  
Suite 4  
Tallahassee, Florida  
32301  
Telephone: 850/488-0114  
Fax: 850/922-6979

Affected District Authority:  
Department of  
Environmental Protection

Fax: 850/922-6979

Affected District Authority:  
Department of  
Environmental Protection  
Northwest District Office  
Air Resources  
160 Governmental Place  
Pensacola, Florida  
32520-0328  
Telephone: 850/595-8300  
Fax: 850/595-4417

Affected District Branch  
Office Authority:  
Department of  
Environmental Protection  
Northwest District Branch  
Office  
2815 Remington Green  
Circle, Suite A  
Tallahassee, Florida  
32308  
Telephone: 850/488-3704  
Fax: 850/922-3620

The complete project file includes the Draft Air Construction Permit, the application/request, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Scott M. Sheplak, P.E., at the above address, or call 850/921-9532 for additional information.

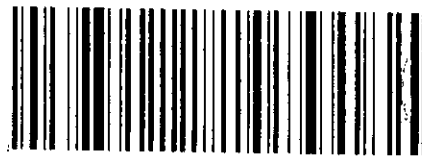
June 28, 2002



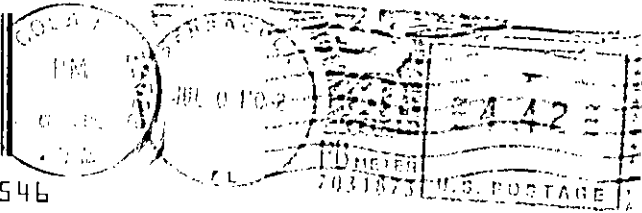


One Energy Place  
Pensacola FL 32520

**CERTIFIED MAIL**



7099 3400 0003 1936 9546



MR BRUCE MITCHELL  
FDEP BUREAU OF AIR REGULATION  
2600 BLAIR STONE RD  
TALLAHASSEE FL 32399-2400

32399-2400

300876 (7/08)