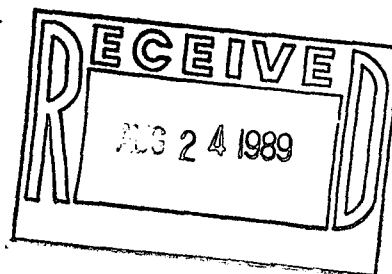




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

August 22, 1989

REF: 4WM-FP

Mr. Ray Harry,
Supervisor of Environmental Affairs
Gulf Power Company
P.O. Box 1151
Pensacola, FL 32520

Permit # _____ File Misc Type F
FL00-02283 Folder _____
Permittee _____

RE: Scholtz Electric Generating Plant
NPDES Permit No. FL0002283
Sample Collection for Chronic Toxicity Tests

INITIAL						
& ROUTE						

District cc: _____

Dear Mr. ^{Ray} Harry:

As a part of permit reissuance for the referenced facility, EPA plans to conduct chronic toxicity tests of the plant ash pond and once-through cooling water effluents.

In order to conduct these tests, EPA will require three, five-gallon samples of both the ash pond and cooling water effluents, prior to combination. Samples should be composited, either by 24-hour compositor or composed of three grabs collected at approximately equal time increments during the sampling day. Samples should be iced and express shipped (next day delivery). Five-gallon containers and ice chests will be sent to you prior to the sampling dates. Sampling and forwarding is requested in accordance with the following schedule.

Sample No.	Composite Sample Days	Shipping Date
1	Monday, Sept. 25 - Tuesday, Sept. 26, 1989	September 26
2	Thursday, Sept. 28 - Friday, Sept. 29	September 29
3	Sunday, October 1 - Monday, October 2	October 2

Samples should be addressed to:

Mr. Ron Weldon
U.S. Environmental Protection Agency
College Station Road
Athens, GA 30613

EPA plans to conduct chronic toxicity tests on the samples with daphnids (Ceriodaphnia dubia), green algae (Selenastrum capricornutum), and fathead minnows (Pimephales promelas). The tests will be conducted following procedures contained in the U.S.E.P.A. manual "Short-term Methods for Estimating the Chronic Toxicity of Effluent and Receiving Waters to Freshwater Organisms," EPA/600/4-89/00). Tests for daphnids, algae, and minnows are planned using ash pond and cooling water effluents at ratios to control water of 100, 87.5, 75, 50, 25, 12.5 and 0 percent. A third test using ash pond effluent with cooling water effluent as diluent at the same ratios will also be conducted.

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Copies of test results will be provided to you on completion of the testing.

Should you have any questions, feel free to contact me at 404/347-3012 or Mr. Ron Weldon at 404/546-2489.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Chaplan".

Charles H. Kaplan, P.E.
National Expert, Steam Electric/Water

cc: Mr. Richard Drew, FDER Talahassee
Mr. Robert V. Kriegel, FDER Pensacola