

JAN 5 1977

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Dockets Nos. 50-250  
and 50-251

Florida Power & Light Company  
ATTN: Dr. Robert E. Uhrig  
Vice President  
P. O. Box 013100  
Miami, Florida 33101

Gentlemen:

By letters dated September 7, and October 5, 1976, you submitted proposed changes to the Environmental Technical Specifications for Turkey Point Units Nos. 3 and 4. Based on our preliminary review of your submittal, we have determined that we need additional information.

Please provide the items of additional information listed in the enclosure as soon as possible in order that we can continue our review in a timely manner. If you have any questions regarding our request, please contact us.

Sincerely,

Original signed by  
George Lear, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

Enclosure:  
Request for Additional  
Information

cc: Mr. Jack R. Newman, Esquire  
Lowenstein, Newman, Reis & Axelrad  
1025 Connecticut Avenue, N. W.  
Suite 1214  
Washington, D. C. 20036

*NS*

Environmental & Urban Affairs Library  
Florida International University  
Miami, Florida 33199

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REQUEST FOR ADDITIONAL INFORMATION  
TURKEY POINT UNITS NOS. 3 AND 4

PROPOSED ENVIRONMENTAL TECHNICAL SPECIFICATION CHANGES

- 1.0 g. \* Redefine "Closed Mode of Operations". Present definition is unclear as to what is meant by "...no intake and discharge of water through canals".
- 2.0 Environmental Protection Limits
- A. General
- Indicate whether "open mode of operations" would be used in situations other than those listed in A.2. If other situations are contemplated than those described in A.2, indicate the estimated time period, discharge flow rate, temperature, salinity and suspended solids for open mode of operations.
- 2.C Bases: Indicate why chlorine was omitted in last paragraph, page 4, of the proposed technical specifications where temperature, turbidity, salinity and velocity were mentioned, as discussions on chlorine are included in the ETS.
- 3.0.A.3 (p.5) Monitoring Unit Operability. This technical specification should include a statement to the effect that a weekly calibration frequency will be maintained.

\* Item numbers refer to paragraph numbers in proposed Environmental Technical Specifications.

QUESTIONS ON PROPOSED CHANGES TO TECHNICAL SPECIFICATIONS

3.A.2.a

Your comments on proposed changes to this technical specification indicate the COD values have leveled off in the range of 400 - 500 mg/l. What is responsible for the increase to those values? What were the levels at the time the increase started? When did the increase start and over what time scale did the increase occur? To what do you attribute the increase in COD, as the usual contributors to COD (i.e., BOD, ammonia and build up of organically bound nitrogen) are reportedly at low levels?

Was the BOD measurement a five-day BOD? Was TKN measured to verify the assertion that there is no build-up of organically bound nitrogen? Provide reports of nitrate and nitrite levels in the cooling canal system.

3.B.2

Insert the word "often" so that this reads "Not less often ... than at intervals..."

4.A.1

Closed Mode

4.A.1.(1)

The results obtained in the sampling program should be correlated with condenser cooling water data. The word "compared" as now used is misleading.

4.A.1.(1)(a)

Furnish a map showing station locations and a brief station description for the 12 existing and 8 proposed plankton sampling locations.

4.A.1.(2).C Give a more specific submittal schedule for these reports, (We suggest yearly with annual environmental monitoring reports rather than "periodically".)

4.A.2 Open Mode

Since open mode operation is an "emergency" measure, we envision it as temporary. Sampling should begin two weeks after open mode operation begins. Sampling frequency should reflect the temporary nature of this short-term, emergency operating mode (i.e., weekly or biweekly rather than monthly or quarterly). Reports should be submitted six weeks after open mode operations begin (i.e., after one month of sampling).

4.A.2.(1).a Furnish a map showing the 12 existing stations and the 4 proposed stations along with a brief station description for each. What is meant by "epibenthic" - fish? Identification to the species level rather than to family should be maintained.

4.A.2.(1).b Identification to genus rather than family with the exception of annelid polychaetes is necessary to provide the proper level of information to assess the plant impact.

4.A.2.(1).c Are the 4 proposed stations to be located at the same stations as 4.A.2.(1).a and 4.A.2.(1).b? If not, furnish a map showing the locations of the existing and proposed stations as well as a brief station description of each.

4.A.2.(1).e Provide justification for changes proposed to this section.

4.A.2.(1).f Provide justification for changes proposed to this section.

Change paragraph between 4.A.2.(1).f and 4.A.2.(1).g to incorporate the following: "Monthly environmental reports shall be submitted during operation in the open mode. The NRC shall be notified within 24 hours of commencement of operation in the open mode."

4.A.2.(2).c Include the groundwater reports in the annual environmental reports.

4.A.2.(2).d Provide the specific depths where temperature measurements will be made.

4.B.3 13 Furnish justification for the proposed change from quarterly to semi-annual soil and biological studies which evaluate kinds and rates of change actually occurring.

4.B Bases: Justify deletion of paragraph 5 in your proposed technical specifications.

4.B.4.a Why is there a discrepancy between map scales for aerial infrared photography? The proposed ETS is for 1:24,000 rather than 1:25,000 as in the current ETS.

5 Entire Section: Wherever the word "should" appears, replace it with "shall".





UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

January 5, 1977

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and 50-251

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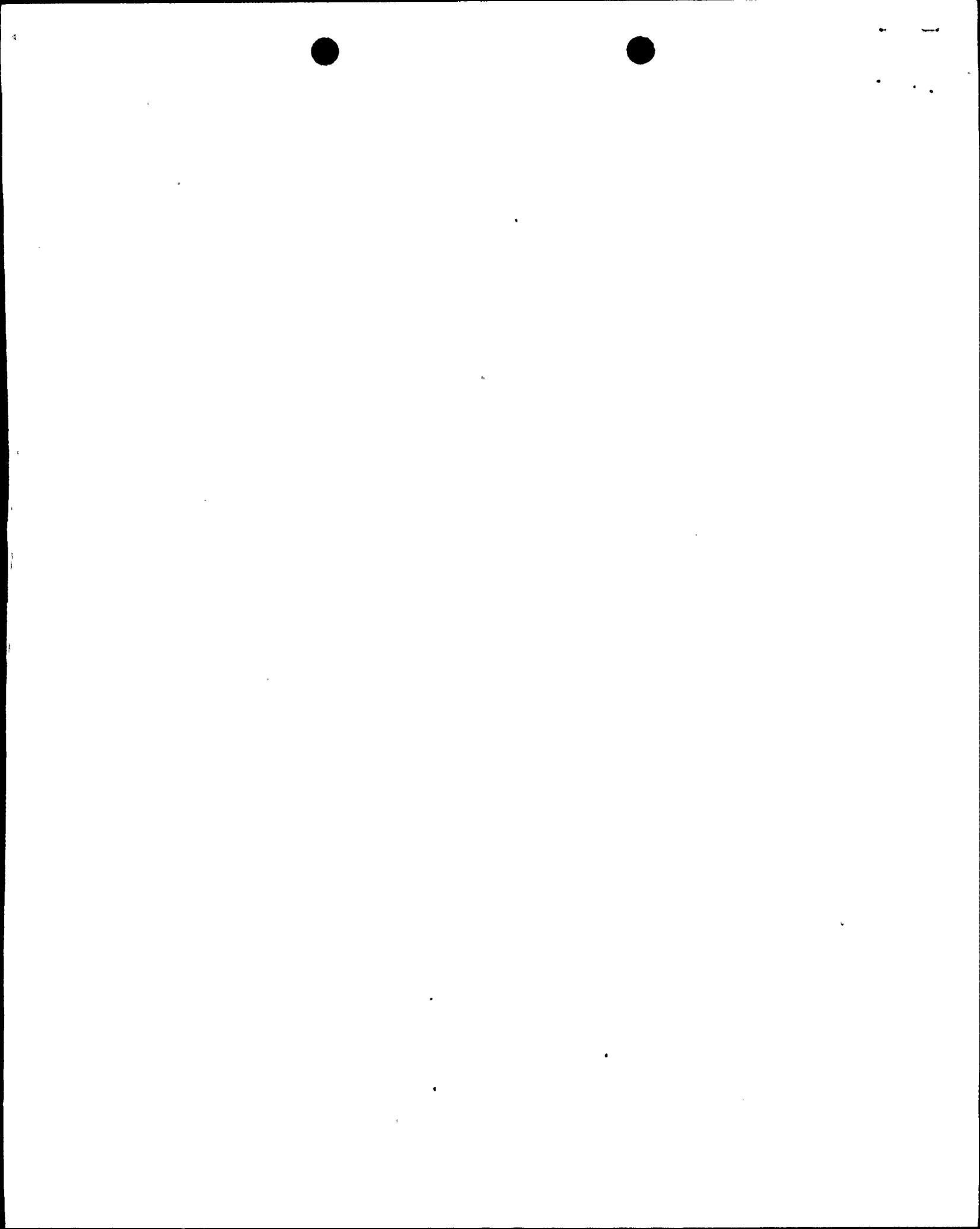
A handwritten signature in cursive script that reads "George Lear".

George Lear, Chief  
Operating Reactors Branch #3  
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