



SEP 11 2001

L-2001-205
10 CFR 50.36

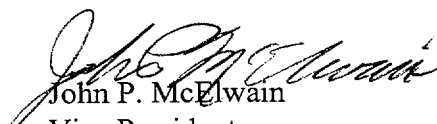
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Wastewater Permit Number FL0001562
Revision - Use of Dimethylamine

In accordance with Section 3.2.2 of the Turkey Point Units 3 and 4 Environmental Protection Plan (Appendix B of Facility Operating Licenses DPR-31 and DPR-41), enclosed is a copy of the minor revision to the Wastewater Permit Number FL0001562 to allow the use and discharge of dimethylamine. Dimethylamine will be used for pH adjustment in the steam generators.

Should there be any questions, please contact Olga Hanek at 305-246-6607.

Very truly yours,

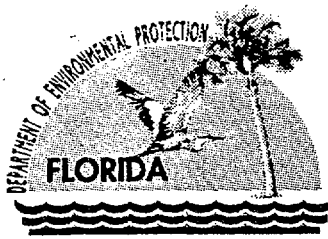

John P. McElwain
Vice President
Turkey Point Plant

OIH

Enclosure

cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

IE 23



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

August 17, 2001

Mr. R.J. Hovey
Vice President
Florida Power & Light Company
9760 S.W. 344th Street
Florida City, Florida 33034

RE: Permit Revision (Minor)
Wastewater Permit FL0001562
Florida Power & Light Company-Turkey Point Plant

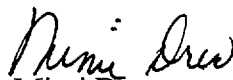
Dear Mr. Hovey:

The Department has received your application on July 16, 2001 requesting a minor revision of Wastewater Permit FL0001562 to allow the use of Dimethylamine for pH adjustment in the Turkey Point units 3 and 4 steam generators. The Department hereby approves the request pursuant to Rules 62-620.200(24) and (25), and 62-620.325, F.A.C. subject to the following conditions:

- a. The maximum Dimethylamine dosage concentration to the steam generators shall be 25 milligrams/liter(mg/l).
- b. Discharge from the steam generators shall be to the closed loop cooling canal system.
- c. Pursuant to paragraph I.A. of permit FL0001562, this facility is not permitted to discharge to surface waters of the State.

Attach this letter to Wastewater Permit FL0001562. All conditions of the Permit shall remain in effect except as revised herein. If you object to this permit revision you may petition for an administrative hearing in accordance with enclosed Notice of Rights. If a petition is filed, then this permit revision does not become effective. If you have any questions about this permit revision, please contact Allen Hubbard in the Industrial Wastewater Section at (850)488-4522.

Sincerely,

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

Mimi Drew
Director
Division of Water Resource Management

Enclosure

cc: Tim Powell - DEP/West Palm Beach

NOTICE OF RIGHTS

A person whose substantial interests are affected by this permit revision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Permit. A petitioner, other than the applicant, shall mail a copy of the petition to the applicant at the address indicated in the attached letter at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department case identification number and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this intent. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this intent in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Statement of Basis
For
Minor Permit Revision

Permit Number: FL0001562
Permit Writer: Bala Nori

Application Date: July 16, 2001
Application No: FL0001562-004-IWB

Name and Address of Applicant:

Florida Power & Light Company
Post Office Box 1440
Juno Beach, FL 33408

Turkey Point Plant
Units 3 and 4
9760 S.W.344th Street
Florida City, FL 33034

The Department received an application on July 16, 2001, requesting a minor revision of wastewater permit FL0001562 to allow the use of Alternate Amines, Dimethylamine for pH adjustment in the units 3&4 steam generators.

The Department is approving the use of Dimethylamine as an alternative amine in the units 3&4 steam generators based on information contained in the application and other considerations, summarized as follows:

- 1) The permit currently allow use of ethanolamine (ETA) as a pH and erosion- corrosion control agent at Turkey Point units 3 and 4 steam generators.
- 2) The expected dosage rates of Dimethylamine during wet lay up are 15-25ppm. During normal operation the expected dosage rate of Dimethylamine will be 10 to 15ppm.
- 3) According to information provided by the applicant , a major decomposition product of Dimethylamine is ammonia. Ammonia is already in the steam generator blowdown stream.
- 4) A maximum rate of 225 gallons per minute (gpm) of steam generator blowdown is mixed with the effluent from a circulating water pump at a minimum rate of 156,000gpm.
- 5) The facility has informed that the Ammonia concentration in the steam generator blowdown is 1ppm. The Ammonia concentration being discharged to cooling system estimated to be 5ppb based on relative flows of steam generator blowdown and circulation flow.
- 6) Discharge is to the facility's closed loop cooling canal system. The permit does not allow discharge to surface waters of the State.
- 7) Based on the available toxicity data and the prohibition in the current permit against discharge to waters of state, toxicity testing does not appear warranted. Additionally, Department permitting staff reviewed the proposed revision with the Department Toxicity Coordinator, who concurred with this opinion.