



FEB 08 2013

L-2013-049  
10 CFR 50.36

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555-0001

Re: Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
Wastewater Permit Number FL0001562  
Approval for One Time Use of Polyacrylic Acid - Notification

By letter L-2013- 040 dated January 28, 2013, Florida Power & Light Co. (FPL) notified the NRC of a request for approval of a one time use of Polyacrylic Acid (PAA) dispersant in the Turkey Point Unit 4 secondary system. The request for use and discharge of PAA was submitted as a Maintenance Activity to the Wastewater Permit Number FL0001562.

On January 31, 2013, the Florida Department of Environmental Protection issued approval of the one time use of PAA dispersant to flush the Turkey Point Unit 4 secondary cooling system. 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 approval.

Should there be any questions, please contact us.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Michael Kiley', is written over a horizontal line.

Michael Kiley  
Site Vice President  
Turkey Point Nuclear Plant

Enclosure

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

Florida Power & Light Company  
9760 SW 344 St Homestead, FL 33035

ADD  
NRR

**ENCLOSURE TO**

**L-2013-049**



# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

January 31, 2013

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard Jr.  
Secretary

Sent by E-Mail to:  
([mike.kiely@fpl.com](mailto:mike.kiely@fpl.com))

Mr. Mike Kiely  
Vice President, Turkey Point Plant  
Florida Power & Light Company  
9760 SW 344 Street  
Homestead, Florida 32035

Re: Florida Power & Light Company  
Turkey Point Plant  
NPDES Permit No. FL0001562  
One time use of GE Optisperse PWR 6600

Dear Mr. ~~Kiely~~ Kiley *MH* 2/5/13

Thank you for the information that you provided in your request received on January 29, 2013, regarding the one time use of GE Optisperse PWR 6600, a polyacrylic acid (PAA) dispersant, to flush the Turkey Point Unit 4 secondary cooling water system. The Department has reviewed the information and understands that Florida Power & Light Company (FPL) will be adding a maximum of 20 gallons of GE Optisperse PWR 6600 resulting in a discharge concentration no greater than 0.4 ppb.

On this basis, the Department concurs that the proposed activity can be considered "construction, replacement, or repair of components of an industrial site or plant," pursuant to Rule 62-620.200(26)(b), Florida Administrative Code. Moreover, flushing of the secondary-side cooling water systems in this manner generally conforms to preventive maintenance BMPs required by permit under the NPDES program. Therefore, the project, as described herein, does not require a permit revision. It should be noted, however, that multiple flushes a year using this product would require an application from FPL to revise the above referenced NPDES permit.

FPL shall keep a record of the quantity of GE Optisperse PWR 6600 purchased and ultimately used for this activity along with appropriate flow data (and time of usage) so that dosage and discharge concentrations can be calculated and provided upon request to the Department.

Thank you again, and don't hesitate to contact either Bala Nori or me with any questions at (850) 245-8589.

Sincerely,

Marc Harris, P.E.  
Environmental Administrator  
Power Plant NPDES Permitting  
Industrial Wastewater Section

cc: John A. Armstrong, P.E., DEP West Palm Beach ([john.a.armstrong@dep.state.fl.us](mailto:john.a.armstrong@dep.state.fl.us))  
John Jones, Florida Power & Light ([john.jones@fpl.com](mailto:john.jones@fpl.com))  
Ron Hix, Florida Power & Light ([ron.hix@fpl.com](mailto:ron.hix@fpl.com))