



April 23, 2014

Mr. Justin Green
Program Administrator
Siting Coordination Office
Florida Department of Environmental Protection
3900 Commonwealth Blvd. MS #48
Tallahassee, FL 32399-3000

Re: **Florida Power & Light Company**
Cape Canaveral Energy Center PA 08-53
Request for Post Certification Amendment
Storm Surge Mitigation

Dear Mr. Green:

Florida Power & Light Company (FPL) is requesting a post certification amendment to Site Certification for FPL's Cape Canaveral Energy Center (CCEC), pursuant to rule 62-17.205 (1) F.A.C. The purpose of this amendment request is to obtain approval for FPL to upgrade the site to provide better storm surge protection.

The CCEC has an existing seawall with a top elevation of 5.0 feet. The proposed Storm Surge Mitigation Project includes the construction of a mitigation barrier (sheetpile and combined wall) to be located inland of the existing seawall (see Attachment III –photos 1 thru 3), precluding the need for construction in the water. Riprap will be installed in the area between the existing seawall and proposed sheetpile and combined wall (see Attachment III –photos 1 thru 3). The proposed barrier will be designed to perform even if the existing seawall collapses, allows erosion of soil fill behind the existing seawall, and will have a design life of 30 years (see Attachment II – Civil Site Details). The barrier will have a top elevation of 12.0 feet and will be located east of the above ground #2 fuel oil pipeline (see Attachment III- photo 2). The area inland of the proposed barrier will be filled with soil and the finished grade will be sloped to drain to the existing plant drainage system. North of the limits of the oil pipeline, the barrier top elevation will be lowered to a minimum elevation of 10.0 feet to minimize access impacts around the north stormwater pond (C). Modifications will be made to the existing outfall structures and pipes of the south pond (A) and north pond (C) consisting of the installation of tide flex check valves at the discharge pipes from the stormwater ponds to prevent back flow flooding of the site. This project also includes installation of soil cement slope protection, and flowable fill sea wall seal with sidewalk cover (see Attachment III –photos 4 and 5).

No in-water work will be needed for this project. No wetlands or listed threatened or endangered species will be impacted by this project. Therefore, no Federal Army Corps of Engineer Permits will be required.

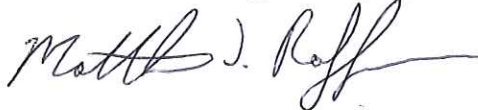
This project will comply with the Cape Canaveral Energy Center Conditions of Certification, PA 08-53A, date modified December 28, 2011. These proposed activities will not require any changes to the conditions of certification; therefore, we are requesting that this Surge Mitigation Project be processed as an amendment.

Enclosed with this package is:

1. Attachment I – Civil Site Plan
2. Attachment II – Civil Site Details
3. Attachment III – Site Photos

Thank you for your attention to and consideration of FPL's request to amend the Site Certification for CCEC. If you have any questions regarding this submittal, please do not hesitate to contact me at 561-691-2808 or Ken Proctor at 561-691-7068.

Sincerely,
Florida Power & Light Company



Matthew J. Raffenberg
Director, Environmental Licensing and Permitting

cc: Andrew Chan, FPL
Stacy Foster, FPL
Ken Proctor, FPL