



June 16, 2011

L-2011-228
10 CFR 50.4
EPP 3.2.2

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

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Environmental Protection Plan Report
316(b) Related Documentation

Pursuant to section 3.2.2 of the St. Lucie Environmental Protection Plan, Florida Power & Light Company (FPL) is forwarding the enclosed copy of 316(b) related documentation. The Florida Power & Light Company (FPL) – St. Lucie Nuclear Power Plant - Heated Water Plan of Study (HWPOS) is required by the amended St. Lucie Plant Industrial Wastewater Facility (IWWF) Permit - Revision, December 23, 2010, and Condition 17 of Administrative Order (AO) 022TL.

Please contact Ron Hix at (561) 691-7641 if there are any questions on this matter.

Sincerely,

Eric S. Katzman
Licensing Manager
St. Lucie Plant

ESK/tlt

Enclosure

IE23
NRK

St. Lucie Units 1 and 2

L-2011-228
Enclosure

Florida Power & Light Company (FPL)
St. Lucie Nuclear Power Plant
Heated Water Plan of Study (HWPOS)
(VPPSL023)
Bound report & cover letter (28 Pages)



June 16, 2011

Marc Harris, P.E.
Supervisor, Power Plant NPDES Permitting
Industrial Wastewater Section
Florida Department of Environmental Protection
2600 Blair Stone Road, MS 3545
Tallahassee, Florida 32399-2400

RE: St. Lucie Plant - State IWWF Permit No. FL0002208
Heated Water Plan of Study

Dear Mr. Harris:

Please find four (4) enclosed copies of Florida Power & Light Company (FPL) Heated Water Plan of Study (HWPOS) as required by the amended St. Lucie Plant Industrial Wastewater Facility (IWWF) Permit - Revision, December 23, 2010, and Condition 17 of Administrative Order (AO) 022TL. The Heated Water Plan of Study is required to be submitted to the Florida Department of Environmental Protection (FDEP) for review and approval by June 21, 2011. Also, as stated in FPL's response (VPPSL012, May 10, 2011) to the Department's RFI letter re: FPL's Ambient Monitoring Report, dated April 14, 2011, the HWPOS incorporates an ambient monitoring station for the St. Lucie Plant.

Please signify the status of the FDEP's approval of the St. Lucie Plant Heated Water Plan of Study in your response to this submittal.

Please contact Ron Hix at (561) 691-7641 if you need additional information on this matter.

Sincerely,

Richard L. Anderson
Site Vice President
St. Lucie Plant

VPPSL023

Enclosure: Heated Water Plan Of Study - Florida Power & Light Company – St. Lucie Nuclear Power Plant (bound)

cc: FDEP – SE District – Linda Brien
FDEP – PSL Office – Terry Davis
FDEP – Tallahassee - Siting Office – Mike Halpin