



Florida Power and Light, 6501 S. Ocean Drive, Jensen Beach, FL

January 19, 2016

Cindy Mulkey, Program Administrator
Office of Siting Coordination
Department of Environmental Protection
3900 Commonwealth Blvd. MS#48
Tallahassee, FL 32399-3000

Re: FPL St. Lucie Plant Units 1 and 2 (PA74-02)
Amendment of Site Certification Application
Installation of 2016 FoF improvements

Dear Ms. Mulkey:

Pursuant to rule 62-17.205(1)(A), Florida Administrative Code (F.A.C.), please accept this letter and the attachments as a post-certification amendment to the Florida Power & Light Company (FPL) Site Certification Application (SCA) for St. Lucie Plant Unit 1 and 2 (PA74-02). The purpose of this amendment request is to obtain approval for FPL to install Security Force on Force (FoF) upgrades, including a floating barrier installed across the Discharge Canal, a Radiologically Controlled Area (RCA) Security Deployment Building and Delay Barriers.

The Floating Barrier will be installed across the Discharge Canal. The RCA Deployment Building will be a 16' by 30' modular building placed on a concrete slab foundation. An existing slab will be extended to accommodate the building. The entire project area is currently concrete or asphalt paving. The Delay Barriers will be placed at various locations around the plant. The areas are currently stabilized by gravel, asphalt, or concrete ground cover, which will not be disturbed by installation of the barriers.

The St. Lucie Plant will continue to meet the requirements of its NPDES Permit No. FL0002208. The entire project area is within an area previously filled and developed as part of the original construction of the certified facility. Attachment 1 is a copy of the plant Site Certified Area Boundary Plan. The addition of the proposed FoF upgrades does not require modification of the existing stormwater management system.

The quality, quantity, or hydrologic characteristics of the drainage areas will not be affected by the proposed construction. Construction will be in accordance with the site Stormwater Pollution Prevention Plan (SWPPP).

FPL believes that the construction of the Security improvements are exempt from the Florida Building Code and would therefore not seek to obtain a building permit from St. Lucie County. The authority for that exemption can be found in Section 102.2 (a) of the Florida Building Code.



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Thank you for your attention to and consideration of FPL's request to amend the Site Certification for St. Lucie. If you have any questions regarding this submittal, please do not hesitate to contact me at 561-691-2808 or Natalie Vitola at 561-694-4549.

Sincerely,
Florida Power & Light Company

Matthew J. Raffenberg
Environmental Services Director

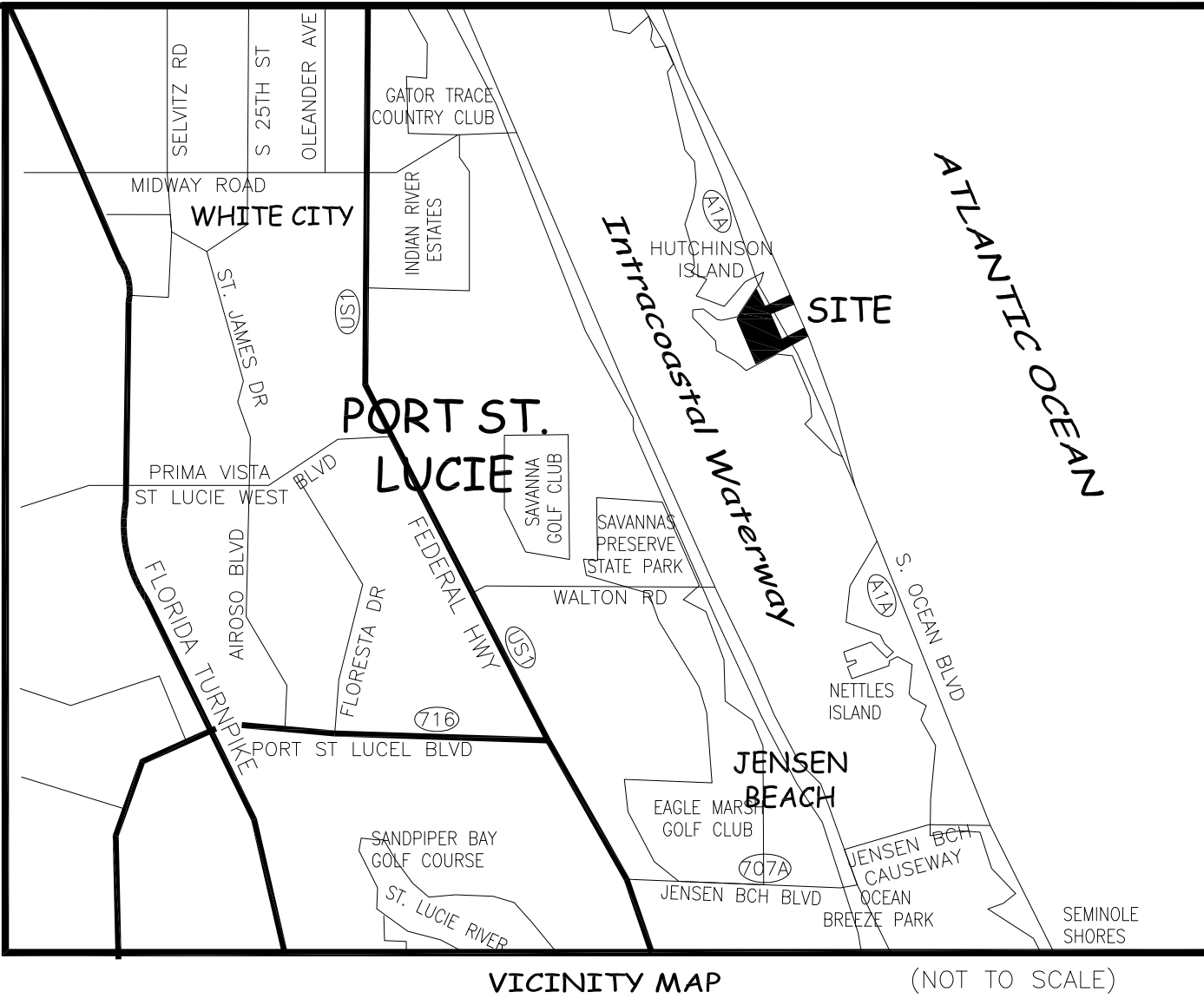
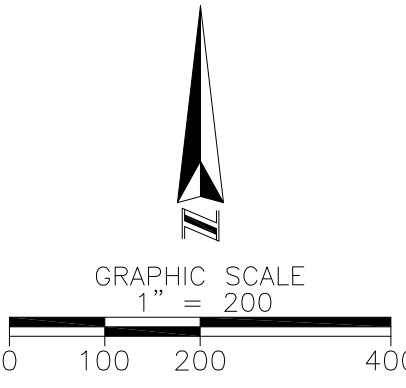
Cc: John Jones, FPL Nuclear
Mike Tammaro, FPL Legal
Spike English, FPL Projects
Eric Katzman, FPL Nuclear Licensing

Specific Purpose Survey for:
The Florida Power & Light Company

PORT ST. LUCIE, ST LUCIE COUNTY, FLORIDA.
Sections 9 & 16, Township 36 South, Range 41 East



LINE TABLE			LINE TABLE			CURVE TABLE			
LINE	LENGTH	BEARING	LINE	LENGTH	BEARING	Curve	Length	Radius	Chord Direction / Length Delta
L1	784.66	N60°50'06"E	L22	89.91	N58°25'27"W	C1	746.32	475.00	S74°05'58"E 671.89 19°01'02"
L2	100.05	N47°14'45"E	L23	37.63	N16°25'08"W				
L3	360.31	N60°15'57"E	L24	125.32	N16°09'54"E				
L4	377.19	S24°26'04"E	L25	250.28	N61°17'44"E				
L5	105.10	S40°10'10"W	L26	145.78	N24°24'34"W				
L6	978.85	S61°43'55"W	L27	71.69	N25°43'11"E				
L7	40.99	N29°21'06"W	L28	81.65	N18°31'49"E				
L8	84.28	S60°59'17"W	L29	152.80	N00°08'32"W				
L9	399.26	S60°59'17"W	L30	311.58	N58°30'53"E				
L10	50.00	S51°25'23"W	L31	105.71	S29°57'31"E				
L11	1070.94	S60°55'21"W	L32	742.24	N60°02'09"E				
L12	729.93	N29°03'17"W	L33	887.96	S29°05'51"E				
L13	110.00	N26°33'47"W	L34	1456.34	N60°38'44"E				
L14	1093.93	N28°48'31"W	L35	99.36	S66°47'51"E				
L15	411.70	S60°56'00"W	L36	64.12	S30°03'12"E				
L16	360.59	N29°03'13"W	L37	233.71	S07°08'11"W				
L17	308.34	N61°01'42"E	L38	222.22	S23°43'38"E				
L18	132.28	N28°58'18"W	L39	283.09	S60°38'44"W				
L19	87.86	N29°49'11"E	L40	288.49	N28°10'57"W				
L20	304.93	N16°08'17"E	L41	1080.74	S61°08'54"W				
L21	136.91	N60°46'23"E	L42	810.59	S29°05'51"E				



DESCRIPTION of PERIMETER

COMMENCING AT THE POINT OF CURVATURE OF A CURVE AT STATION 374+18.40 PER FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP SECTION NO. 9405-107, OF STATE ROAD A-1-A, ST. LUCIE COUNTY, FLORIDA, WITH A REVISION DATE OF 8-8-56; THENCE SOUTH 58°04'09"W, A DISTANCE OF 50.00 FEET TO THE WEST RIGHT OF WAY LINE OF STATE ROAD A-1-A; THENCE ALONG SAID WEST RIGHT OF WAY LINE S29°05'51"E, A DISTANCE OF 6.86 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION; THENCE CONTINUING ALONG SAID WESTERLY RIGHT OF WAY LINE, PROCEED A DISTANCE OF 887.96 FEET TO A POINT; THENCE DEPARTING SAID WESTERLY RIGHT OF WAY OF STATE ROAD A-1-A, PROCEED FOR THE FOLLOWING EIGHT (8) COURSES;

THENCE NORTH 60°38'44" EAST, FOR A DISTANCE OF 1456.34 FEET;
THENCE SOUTH 66°47'51" EAST, FOR A DISTANCE OF 99.36 FEET;
THENCE SOUTH 30°03'12" EAST, FOR A DISTANCE OF 64.12 FEET;
THENCE SOUTH 07°08'11" WEST, FOR A DISTANCE OF 233.71 FEET;
THENCE SOUTH 23°43'38" EAST, FOR A DISTANCE OF 222.22 FEET;
THENCE SOUTH 60°38'44" WEST, FOR A DISTANCE OF 283.09 FEET;
THENCE NORTH 28°10'57" WEST, FOR A DISTANCE OF 288.49 FEET;
THENCE SOUTH 61°08'54" WEST, FOR A DISTANCE OF 1080.74 FEET, TO A POINT ON THE AFOREMENTIONED WEST RIGHT OF WAY LINE OF STATE ROAD A-1-A;

THENCE SOUTH 29°05'51" EAST, ALONG SAID WEST RIGHT OF WAY LINE, FOR A DISTANCE OF 2100.59 FEET; THENCE DEPARTING SAID WESTERLY RIGHT OF WAY OF STATE ROAD A-1-A, PROCEED FOR THE FOLLOWING EIGHT (8) COURSES;

THENCE NORTH 60°50'06" EAST, FOR A DISTANCE OF 784.66 FEET;
THENCE NORTH 47°14'45" EAST, FOR A DISTANCE OF 100.05 FEET;
THENCE NORTH 60°15'57" EAST, FOR A DISTANCE OF 360.31 FEET;
THENCE SOUTH 24°26'04" EAST, FOR A DISTANCE OF 377.19 FEET;
THENCE SOUTH 40°10'10" WEST, FOR A DISTANCE OF 105.10 FEET;
THENCE SOUTH 61°43'55" WEST, FOR A DISTANCE OF 978.85 FEET;
THENCE SOUTH 29°21'06" WEST, FOR A DISTANCE OF 40.99 FEET;
THENCE SOUTH 60°59'17" WEST, FOR A DISTANCE OF 84.28 FEET, TO A POINT ON THE CENTERLINE OF A 100 FOOT RIGHT OF WAY FOR THE AFOREMENTIONED STATE ROAD A-1-A;

THENCE DEPARTING SAID CENTERLINE PROCEED FOR THE FOLLOWING TWENTY-FIVE(25) COURSES;

THENCE SOUTH 60°59'17" WEST, FOR A DISTANCE OF 399.26 FEET;
THENCE SOUTH 51°25'23" WEST, FOR A DISTANCE OF 50.00 FEET;
THENCE SOUTH 60°55'21" WEST, FOR A DISTANCE OF 1070.94 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE NORTHEASTERLY HAVING A RADIUS OF 475.00 FEET; THENCE WESTERLY AND NORTHWESTERLY ALONG THE ARC OF SAID CURVE, THROUGH A CENTRAL ANGLE OF 90°01'22", FOR A DISTANCE OF 746.32 FEET; THENCE NORTH 29°03'17" WEST, FOR AN ARC LENGTH OF 729.93 FEET;

THENCE NORTH 26°33'47" WEST, FOR A DISTANCE OF 110.00 FEET;
THENCE NORTH 28°48'31" WEST, FOR A DISTANCE OF 1003.93 FEET;
THENCE SOUTH 60°56'00" WEST, FOR A DISTANCE OF 411.70 FEET;
THENCE NORTH 29°03'13" WEST, FOR A DISTANCE OF 360.59 FEET;
THENCE NORTH 61°01'42" EAST, FOR A DISTANCE OF 308.34 FEET;
THENCE NORTH 28°58'18" WEST, FOR A DISTANCE OF 132.28 FEET;
THENCE NORTH 29°49'11" EAST, FOR A DISTANCE OF 87.86 FEET;
THENCE NORTH 16°00'17" EAST, FOR A DISTANCE OF 304.83 FEET;
THENCE NORTH 60°46'23" EAST, FOR A DISTANCE OF 136.91 FEET;
THENCE NORTH 28°25'27" WEST, FOR A DISTANCE OF 89.91 FEET;
THENCE NORTH 16°25'00" WEST, FOR A DISTANCE OF 37.63 FEET;
THENCE NORTH 16°05'16" EAST, FOR A DISTANCE OF 125.32 FEET;
THENCE NORTH 61°17'44" EAST, FOR A DISTANCE OF 250.28 FEET;
THENCE NORTH 24°24'34" WEST, FOR A DISTANCE OF 145.78 FEET;
THENCE NORTH 25°43'11" EAST, FOR A DISTANCE OF 71.69 FEET;
THENCE NORTH 18°31'49" EAST, FOR A DISTANCE OF 81.65 FEET;
THENCE NORTH 00°02'32" WEST, FOR A DISTANCE OF 152.80 FEET;
THENCE NORTH 58°30'53" EAST, FOR A DISTANCE OF 311.58 FEET;
THENCE SOUTH 29°57'51" EAST, FOR A DISTANCE OF 105.71 FEET;
THENCE NORTH 60°02'09" EAST, FOR A DISTANCE OF 742.24 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION.

SAID LANDS LYING AND BEING IN ST. LUCIE COUNTY, AND CONTAINING 177.02 ACRES MORE OR LESS.

- NOTES:
- 1.) THE BEARINGS SHOWN HEREON ARE ASSUMED AND REFER TO THE SOUTHWESTERLY RIGHT-OF-WAY OF STATE ROAD A-1-A, BEING NORTH 29°05'51" WEST; AS RECORDED IN FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP FOR STATE ROAD NO. A-1-A, SECTION NO. 9405-107, DATED 8-8-56.
 - 2.) THE SPECIFIC PURPOSE OF THIS SURVEY IS TO GRAPHICALLY DEPICT THE "NUCLEAR PERIMETER SITE LIMITS" AT THE SAINT LUCIE NUCLEAR POWER PLANT AS DESCRIBED BY THE CLIENT.
 - 3.) ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
 - 4.) FEATURES REPRESENTED BY SYMBOL(S) ARE LOCATED AT THE CENTER OF SYMBOL AND ARE NOT TO SCALE, UNLESS OTHERWISE NOTED.
 - 5.) LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHTS-OF-WAY, EASEMENTS, OWNERSHIP, OR OTHER INSTRUMENTS OF RECORD.
 - 6.) THE LAST DATE OF FIELD WORK WAS APRIL 17, 2007.
 - 7.) THE ORTHO-IMAGE SHOWN HEREON IS FOR GRAPHIC PURPOSES ONLY AND HAS NOT BEEN GEO-RECTIFIED
 - 8.) THIS IS NOT A BOUNDARY SURVEY.

I HEREBY CERTIFY THAT THE ATTACHED SPECIFIC PURPOSE SURVEY OF THE HEREON DESCRIBED PROPERTY IS DEPICTED TO THE BEST OF MY KNOWLEDGE, BELIEF, AND INFORMATION AS SURVEYED UNDER MY DIRECTION ON NOVEMBER 21, 2007. I FURTHER CERTIFY THAT THIS SPECIFIC PURPOSE SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, SUBJECT TO THE QUALIFICATIONS NOTED HEREON.

KEITH AND SCHNARS, P.A.
ENGINEERS-PLANNERS-SURVEYORS

BY: Robert N. Johnson
Professional Surveyor & Mapper
Florida Registration No. 6540 (For The Firm)

AFFECTED DRAWING: 8770-18129 REV. NEW

FPL		TITLE: ST. LUCIE PLANT - UNITS 1 & 2	
0		ISSUED FOR USE PER EC 236088	
REV	DATE	REVISION	BY
EC236088-C-001			

NOTE:
THIS IS A NEW DRAWING. THE
DRAWING NUMBER HAS BEEN
ASSIGNED BY FPL.