

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WE2XJI

(Call Sign)

0499-EX-PL-2007

(File Number)

NAME Florida Power and Light Company

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(k) of the Commission's Rules

Station Locations

- (1) MOBILE: Seabrook Nuclear Station, Seabrook, NH, within 2 km, centered around NL 42-53-45; WL 70-51-38
- (2) MOBILE: Turkey Point Nuclear Station, Homestead, FL, within 2 km, centered around NL 25-26-52; WL 80-21-03
- (3) MOBILE: St Lucie Nuclear Station, Jensen Beach, FL, within 2 km, centered around NL 27-20-53; WL 80-14-30

Frequency Information

MOBILE: Seabrook Nuclear Station, Seabrook, NH, within 2 km, centered around NL 42-53-45; WL 70-51-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO		125 mW (ERP)	0.005 %
		190KG3E		
		20K0F3E		
		20K4F3E		
		30K0F3E		
		44K0F3E		
		70K0F3E		
		80K0F3E		
		84K0F3E		

This authorization effective October 11, 2007 and
will expire 3:00 A.M. EST February 18, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Seabrook Nuclear Station, Seabrook, NH, within 2 km, centered around NL 42-53-45; WL 70-51-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	180KF3E 190KF1E 90K0F3E 200KF3E 190KG3E 74K0F3E 160KF3E	125 mW (ERP)	0.005 %
614-740 MHz	MO	190KG3E 200KF3E 90K0F3E 190KF1E 74K0F3E 180KF3E 160KF3E	125 mW (ERP)	0.005 %

MOBILE: Turkey Point Nuclear Station, Homestead, FL, within 2 km, centered around NL 25-26-52; WL 80-21-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E 70K0F3E 80K0F3E 84K0F3E	125 mW (ERP)	0.005 %
470-608 MHz	MO	160KF3E	125 mW (ERP)	0.005 %

Frequency Information

MOBILE: Turkey Point Nuclear Station, Homestead, FL, within 2 km, centered around NL 25-26-52; WL 80-21-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	180KF3E 190KF1E 190KG3E 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	0.005 %
614-740 MHz	MO	90K0F3E 74K0F3E 200KF3E 190KG3E 190KF1E 180KF3E 160KF3E	125 mW (ERP)	0.005 %

MOBILE: St Lucie Nuclear Station, Jensen Beach, FL, within 2 km, centered around NL 27-20-53; WL 80-14-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E 70K0F3E 80K0F3E 84K0F3E	125 mW (ERP)	0.005 %
470-608 MHz	MO	160KF3E 180KF3E	125 mW (ERP)	0.005 %

Frequency Information

MOBILE: St Lucie Nuclear Station, Jensen Beach, FL, within 2 km, centered around NL 27-20-53; WL 80-14-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	190KF1E 190KG3E 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	0.005 %
614-740 MHz	MO	90K0F3E 74K0F3E 200KF3E 190KG3E 190KF1E 180KF3E 160KF3E	125 mW (ERP)	0.005 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) No transmissions are permitted on 156.8 MHz.
- (3) Operation is subject to prior coordination with the local Broadcast Auxiliary Services frequency coordinator, who can be found at http://freq.sbe.org/pdf_files/coordinators.pdf.
- (4) Licensee shall comply with all terms of the Consensus Plan between the Nuclear Energy Institute (NEI), the Utilities Telecom Council (UTC) and leading broadcaster organizations (Broadcasters) as presented in the exhibit attached to the application with File # 0412-EX-PL-2007 entitled "NEI SBE Signature Agreement."