

WFGC, Palm Beach, Florida (Fac. Id. 11123)
Engineering STA 0000224447 Extension Request

WFGC has made substantial progress in completing its transmitting facility relocation as authorized in Construction Permit 0000214657, but has encountered local governmental permitting delays for the new transmitter building foundation that will delay completion beyond the expiration of the current engineering STA on May 5, 2024. Once local governmental permits are issued, assuming continuous good weather, construction completion is anticipated in mid to late summer. All necessary equipment, including the new transmitter, is purchased and ready for installation. Continued operations at the previously approved engineering STA parameters detailed below is respectfully requested for an additional 180 days in an abundance of caution.

TPO = 0.5 kW (-3.01 dBk)

TL Loss = 1.03 dB (79%)

Ant Gain = 9.46 dB

ERP max = 3.48 kW (5.42 dBk)

Antenna is elliptical polarized (Hpol = 3.48 kW ERP | Vpol = 0.7 kW)