



Application for Modification of Construction Permit

W244EA, Warwick, NY

August 2021

This application seeks to modify Construction Permit BNPFT-20171220ABO by specifying a different tower location. No other changes are proposed.

A study was performed to confirm the proposed facility will not cause interference to any other facility. As shown herein, the proposed facility does not create any overlap and as such, no waiver requests are included.

A contour map is included that demonstrates service contour overlap of the CP facility and this proposal. Further, a contour map is included that demonstrates maintenance of the service contour of the translator within the 25 mile radius of the primary station, WALL at Middletown, NY.

The proposed facility was evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio Frequency Radiation". The proposed antenna will be mounted with its center of radiation at 15 meters above ground level and will operate with an effective radiated power of 135 watts in the horizontal and vertical planes in its main lobe. At two meters, the height of an average person, at the base of the tower this proposal will contribute (worst case) less than twenty percent of the allowable limit for uncontrolled exposure. The tower is in a secure, fenced location and there is a significant drop off in elevation in the direction of the main lobe. It is therefore believed that regardless of the contribution of other users on this tower, this proposal is compliant with OET Bulletin 65 as required by the Federal Communications Commission.

Further, the applicant will ascertain that warning signs are posted in the vicinity of the tower warning of the potential radio frequency hazards at the site. The applicant will cooperate with other users of the tower to reduce power or discontinue operation of the facility as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.