

Comprehensive Engineering Exhibit
KYYY(FM) Facility ID 41424
Minor Change Application
June 18, 2007

By this application it is sought to modify the facility of KYYY(FM) to specify a new antenna height and correct the license coordinates.

The proposed KYYY(FM) antenna is to be non-directional and will be located 236 meters above ground level upon a tower described by antenna structure registration number 1046933.

From this location KYYY(FM) is fully spaced as a Class C0 facility in accordance with Section 73.207 to all known facilities, applications and allocations.

The proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

The proposed antenna system is an EPA type 3, 12- bay, full wave spaced "Roto Tiller" style antenna, mounted with its center of radiation 236 meters above ground level. This proposal will operate with an effective radiated power of 100 kilowatts in both the horizontal and vertical planes. The greatest potential impact of this proposal would be at a distance that is 51 meters from the base of the tower (the "Maximum Point"). At 2 meters above ground, at all points between the base and the Maximum Point, the proposal is well within the allowable ANSI limits for controlled and uncontrolled exposure. At the Maximum Point, at 2 meters above ground, this proposal would contribute, worst case, 5.7 microwatts per square centimeter, or 0.57 percent of the allowable ANSI limit for controlled exposure, and 2.85 percent of the allowable limit for uncontrolled exposure. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, 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.

