

Environmental Statement

Under section 1.1306 of the Commission rules, an environmental impact assessment is not required for this request. The proposal does not specify a location in a designated wilderness area, a wildlife preserve, areas of critical habitats, historic district, Indian religious site, or flood plain, and will not involve significant changes in surface features. Additionally, the tower is an existing structure for the KETZ pre-transition operation with the only change being the replacement of the existing channel 12 antenna with the new channel 10 antenna.

The proposed operation was evaluated for human exposure to radiofrequency (RF) energy using the procedures outlined in the Commission's OET Bulletin 65. The proposed antenna will be installed such that its center of radiation is approximately 530 meters above the ground level. An ERP of 10 kilowatts, horizontally polarized, will be employed. An analysis was conducted using the elevation pattern data provided by the antenna manufacturer. The analysis was conducted using formulas from FCC Bulletin OET-65. The analysis indicated that the power density at the base of the tower (2 meters above ground) is well below the maximum permissible exposure limits for the "uncontrolled/general population" limits. At locations away from the base of the tower and building the calculated power density is even lower, due to the increasing distance away from the antenna.

In addition, all current safeguards to protect both the general public and workers at the site will continue in place.