K25FW-D, Corsicana, TX
Facility ID# 42342
12 September, 2021

Environmental Statement

The proposed construction is not a major environmental action as defined by 47CFR 1.1306 and 1.1307. No new ground construction or lighting changes are involved and no structure heights or widths are being increased.

RF exposure summary:
This tower site is restricted from public access by a high fence around the entire property with a motorized steel road gate to block unauthorized vehicular ingress, and a second fence around the tower. The building and the tower are posted with registration and RF caution signs. The proposed construction is on an existing registered communications tower.

The proposed K25FW-D on channel 7 antenna center is at 137.2 meters AGL. The proposed circular ERP of 3.0 kW is equivalent to a total of 6.0 kW. Using the general exposure formula $S=(.256)(1.64)(100)(F2)\ (ERP)/4\pi R^2$, with a worst case antenna factor of 1.0 yields a power density at ground level of 1.07 $\mu watts/cm^2$, far below the occupational limit for channel 7 of 1000 $\mu watts/cm^2$ and the public exposure limit of 200 $\mu watts/cm^2$. Thus the proposed construction would contribute an insignificant amount of RF energy at the level of a person standing on the ground.

The tower management would be provided with full contact information in case Ventana should need to reduce power to protect crews working on the tower.

These facts clearly demonstrate that this proposal does not present any significant environmental action or hazard as defined in the FCC Rules and Regulations Part 1 and outlined in OET bulletin 65 & 65a.