

Environmental Protection

The proposed KVKL (FM) auxiliary will be located at an established communications site that is in compliance with all environmental impact requirements.

The proposed auxiliary will operate with 0.230 kW ERP (H&V, DA) at an antenna COR AGL height of 12 meters utilizing a 1 bay Shively 6025-1 DA (Slant -45 deg.) antenna. The location is an established communications site with several towers and broadcast facilities. The site is in a remote uninhabited mountainous area with only one access road which is gated and the site is fenced with RFR hazard warning signs posted, therefore the site is considered to be an RFR controlled environment. Taking into consideration the Shively 6025-1 DA antenna downward radiation pattern the proposed auxiliary will contribute no more than 1.4% of the controlled MPE limit at any location at the site. Facilities that contribute no more than 5% of the applicable MPE exposure limit comply with the requirements of OET Bulletin No. 65 with no further study, therefore the proposed auxiliary is in compliance with all environmental and RFR requirements.

The applicant certifies that in cooperation with other users of the site all authorized personnel will be protected from RFR exposure in excess of FCC guidelines while accessing any controlled exposure area, including the tower, by either reducing power or ceasing operations. Information pertaining to the contact representative of the facility will be posted.