

Environmental Impact & RF Radiation Compliance

KKLU will be located at an existing communications site that is in compliance with all requirements of Section 1.1307 of the Commission's rules.

KKLU will be located on an existing tower that is currently utilized by two other FM broadcast facilities, KLCE, CH 247, and KCVI, CH 268, both licensed to the community of Blackfoot, ID. KLCE and KCVI both operate with 100 kW ERP (non-DA, horizontal & vertical polarization) at a height above ground of 44 meters. KKLU will operate with an ERP of 83.3 kW (non-DA, vertical-only polarization) at a height above ground of 27 meters, utilizing a half-wave spaced antenna in order to minimize downward radiation. The rf radiation, for a worst case situation, at the base of the tower, has been determined to exceed both the controlled exposure and general public exposure rf radiation limits. Therefore, during equipment tests of the completed facility, actual rf measurements will be taken at the site to determine the level of rf radiation, and insure that any area that is accessible to the general public is below the MPE limit. Furthermore, access to the controlled exposure area, primarily the tower, will be restricted by the use of a fence, with rf radiation hazard signs posted, along with information pertaining to the contact representative of the facility. The applicant certifies that, in cooperation with other users of the site, all authorized personnel will be protected while accessing the controlled exposure area by either reducing power below the MPE limit or if necessary, ceasing operations.