

Environmental Statement

The site, Kamiak Butte, is located on an unpaved private road 9 miles north of Pullman, WA. The transmitter is located in a locked building. The tower and transmitter building are within an enclosed, secured fenced area, with no access available to the general public. At its closest point, the chain link fence is 6.1 m (20 ft) from the tower base. Additionally, there is a locked gate where the private road to the site accesses the county road, approximately 1 mile from the site. Signs advising possible radiation hazard are posted within and about the 6ft. chain link fenced area. Access to the fenced area and to the transmitter building is available only to authorized technical and maintenance personnel. There is only one significant rise in terrain of 30 meters located 650 meters to the East, which is tree covered and unpopulated.

Contributions from stations KWSU-DTV Ch 10, KBGC-NTSC App ch 24, K40EE-NTSC ch 40, K210AE, K237CO, and KRAO-FM have been considered in this study. KWSU-DT Ch 17 will cease operations after the DTV transition and will further reduce the existing allowable exposure at the site. KWSU-TV Ch 10 analog will be replaced with KWSU-DT Ch 10 Digital operating at a lower power after the DTV transition and will also further reduce the existing allowable exposure at the site.

Calculations performed as outlined in OST Bulletin No. 65 indicate that the combined power density at 2 meters above ground level will be lower than the ANSI allowable limits for an “uncontrolled” environment. Therefore, construction the proposed KWSU-DTV transmitter will not result in RF exposure to the general public which would exceed the Commission’s standards.

Agreements are in effect with all users of this site which specify that operations will cease, power will be reduced to a required level, or maintenance time will be limited if it is necessary for repairs or maintenance to be performed on the tower structure or if workers are required to be in proximity to areas of high RF exposure for extended periods of time. All tenants at the site have agreed to take necessary steps to protect workers from excessive RF radiation exposure.

Washington State University has published guidelines for all sites, which includes procedures that protect employees from high levels of radiation. All employees required to work in hazardous conditions are thoroughly trained in RF hazard prevention.