

The proposed FM Facility has been evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level in accordance with OET Bulletin No. 65, Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields (OET Bulletin 65, Second Edition 97-01, August, 1997). The Commissions FM Model Power Density Prediction program was employed to determine the Field. Using the Shively 6800 Series antenna with 6 sections and 1 wavelength between sections, and the AGL height and ERP proposed in this application, the highest predicted power density 2 meters above ground is less than 131% of the Uncontrolled Standard and less than 26.2% of the Controlled Standard with a Power Density of 262 microwatts per square centimeter at a location 12 meters away from the base of the tower.

The site fully complies with the Controlled Site Standards. Access to the transmitting site is restricted by a locked gate and is fenced, the site is appropriately marked with warning signs, and the general public has no reason to access the site. No major roads, trails, or recreational areas are near the site. The site is located on a remote mountain top on private land isolated from the general public. The only persons who visit the site are radio technicians experienced with radiofrequency radiation.

When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines.

The proposal would not be subject to environmental processing in accordance with Section 1.1306. The proposed construction would not constitute a major action as defined in the Commission's Rules and Regulations. During operation, the facility will produce no chemical or significant thermal pollution, and no ionizing radiation will be generated. Areas of high intensity radiofrequency fields will be confined to the immediate area of the transmitting antenna, far above the ground and away from any human and wildlife protection. The area is not officially designated as a wilderness area or wildlife preserve and is not pending consideration. The area has no significant value in American history, architecture, archaeology, or culture, which is listed in the Register of Historic Places, and it is not eligible for listing. It is not recognized either nationally or locally for special scenic or recreational value.