

Radiation Hazard Statement  
Channel 241A - Williamsport, PA

Due to a change in the antenna being proposed, it is necessary to re-evaluate the environmental impact of the proposed facility.

Section 1.1307 of the Commission's Rules defines actions which would have a significant environmental effect. The proposed facility does not come with the purview of Section 1.1307(a)(1) through 1.1307(a)(6). Section 1.1307(b) requires that the exposure of workers and the general public to RF radiation be determined and compared to the recommended "Radio Frequency Protection Guidelines."

The radiation level which would be produced by the proposed facility was evaluated in accordance with OET Bulletin 65, Supplement A, and found to be 1.75 micro watts per square centimeter at the base of the tower, 2 meters above ground. Due to the 3 kW ERP, antenna type, and 26 meter center of radiation above ground, the peak power density is 45.6 micro watts per square centimeter at a distance of 16 meters from the base of the tower. This was determined by the FCC's FM Model software using a two-bay Shively 6800 series antenna.

The radiation produced by the proposed facility is less than specified in the guidelines for both the occupation/controlled and general population/uncontrolled exposure, therefore, this proposal would not have a significant environmental impact.

The following steps will be take to further minimize the risk of exposure of workers and the general public to RF radiation in excess of the Radio Frequency Protection Guidelines:

1. The proposed tower and surrounding fence will be marked with appropriate warning signs.
2. Access to the base of the tower will be limited by a secure fence erected 10 feet from the based of the tower to deter unauthorized persons from climbing the tower.
3. In the event that it is necessary to climb the tower, RF energy to the antenna will be reduced to a safe level or removed until work is completed.