

Infinity Radio Subsidiary Operations Inc. (“Infinity”), the licensee of WPEG(FM), Gastonia, NC, proposes to install an auxiliary antenna located at geographic coordinates 35° 13’ 57” North Latitude, 81° 16’ 35” West Longitude (NAD27), using an ERI model SHP 2AE antenna, 1 wavelength spacing. The proposed ERP is 20 kW H & V at a center of radiation 22.4 meters above ground level (AGL). An analysis has been made of the human exposure to RFR using the calculation methodology described in OET Bulletin 65, Edition 97-01, prepared by the FCC Office of Engineering and Technology. This analysis was made using a series of reference points two meters above ground level in the area surrounding the base of the antenna supporting structure.

At the worst case location, 22 meters horizontal distance from the base of the tower, the calculated WPEG auxiliary antenna power density would exceed the FCC MPE limit for general population/uncontrolled exposure if the terrain was flat. However, the antenna site is on a mountain peak location where the elevation falls off quickly. Allowing for the decrease in ground elevation (minimum of 9 meters) at a radius of 22 meters from the base of the tower, the calculated power density is less than 100% of the FCC MPE limit for general population/uncontrolled exposure at 2 meters above ground. At the conclusion of installation, Infinity will take appropriate measurements to assure compliance with applicable FCC MPE limits.

If work is done on the tower in an area where over exposure could occur, Infinity and others will take necessary action to prevent the overexposure of workers on the tower including reducing the WPEG transmitting power or ceasing operation completely.

The instant proposal is categorically excluded from environmental processing since none of the conditions of Sections 1.1306(b)(1), (2), or (3) of the FCC Rules would be involved for the following reasons:

1. The WPEG auxiliary antenna facility will utilize an existing supporting structure that is not in or near any location referenced in Section 1.1306(b)(1) of the FCC Rules as being of environmental interest.
2. The provision of Section 1.1306(b)(2) of the FCC Rules relating to the use of high-intensity strobe lighting does not apply since no change in the existing lighting is proposed.
3. Finally, with regard to RFR exposure concerns, compliance with applicable FCC MPE limits would be achieved.