

Infinity Broadcasting Corporation of Illinois, (Infinity), the licensee of WJMK(FM), Chicago, Il, seeks a Construction Permit for an auxiliary antenna, at a site located at geographic coordinates 41° 56' 17.9" North Latitude, 87° 45' 4.8" West Longitude (NAD27), using a Dielectric DCR-M3 (full wave spaced) antenna. The proposed ERP is 48 kW H & V with a center of radiation 146.3 meters above ground level (AGL). The proposed antenna will also serve as a shared auxiliary antenna with WUSN(FM), WBBM-FM, and WCKG(FM). Applications for Construction Permits for auxiliary facilities for the above named shared stations are being filed concurrently with this application. An auxiliary antenna for WXRT-FM is also located on the tower. In addition, skirts on the tower act as an AM radiator for stations WSBC and WCSN.

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.

Calculations indicate that the proposed auxiliary antenna will contribute less than 12% of the MPE for General Population at any point on the ground. Calculations also indicate that the combined simultaneous operation of all of the emitters, current and proposed, for the site will contribute less than 59% of the MPE for General Population at any location on the ground.

A single story building surrounds the base of the tower. The roof of the building is classified as a controlled environment with restricted access and appropriate signage. If work is done on the building roof or tower or in any other area where over exposure could occur, Infinity, in coordination with the other users will take necessary action to prevent the overexposure of workers on the tower including reducing the WJMK 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 WJMK 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.