

Page #1, Waiver Request of Section 74.1204
K207DP, Fergus Falls, MN 135 Watts ERP
Minnesota Public Radio 6/03

The proposed site is contained entirely inside the service contour of second-adjacent station KCMF, Fergus Falls, MN

KCMF.CP

The proposed site is contained entirely inside the service contour of second-adjacent Station KCMF, Channel 209, Class A, 2.7 kW, Fergus Falls, MN. As shown by the map on **page #2** of this waiver request, the level of the second-adjacent station KCMF arriving protected F(50,50) signal at the proposed transmitter site is 97-dBu. Using the Undesired-to-Desired method for calculating proposed interference (the basis of the FCC current contour overlap regulations and an acceptable method for the purposes of determining lack of interference for an FM Translator), the proposed interfering contour with respect to KCMF is 137-dBu (free-space contour method employed). This means that the 137-dBu interfering signal would extend 12 meters from the center of radiation, which is proposed at 25 meters, AGL. The Transmit Antenna will be located on a 10 foot pole, located on the roof of an elevator shaft that is on the roof of a four story building. The fourth floor of this building is used for storage purposes. The roof top and elevator shaft have limited access. Because no population that inhabits this interference area, Minnesota Public Radio respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent channel station KCMF.