

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of WILLMAR UHF, INC., licensee of Low Power Television Station K52GK, Channel 52 in Willmar, Minnesota, in support of this Application for Construction Permit BPTTL-19990709JC to specify an increase in effective radiated power. No other change in operating parameters is proposed herein.

An engineering study reveals that the proposed facility meets all of the FCC's interference requirements with respect to all analog and digital, full-power and low-power television stations.

Because no change in the overall height or location of the existing tower is proposed, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1040404 to this tower.

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Willmar facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 1.5 kw, an effective antenna height of 144 meters above ground, and assuming a vertical relative field value of 10 percent at the steeper elevation angles for the proposed antenna, maximum power density two meters above ground of 0.000013 mw/cm² is calculated to occur near the base of the tower.

Since this is less than 0.1 percent of the 0.47 mw/cm² reference for uncontrolled environments (areas with public access) for a facility operating on Channel 52 (698-704

EXHIBIT A

MHz), this proposal may be excluded from consideration with respect to public exposure to nonionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive nonionizing radiation.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

KEVIN T. FISHER

January 8, 2001