GREG BEST
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Federal Communications Commission
Media Bureau
Video Division

Dear Sir,

This exhibit will describe the proposed changes to the KTSM existing construction permit and provide relevant documentation.

The proposed facility contained in the application reduces the Effective Radiated Power (ERP) from 463 kW to 250 kW. The same antenna model, radiation patterns, radiation center, and location for the existing construction permit is used for the proposed modification. The only change is that the ERP is reduced. The attachment to the application clearly indicates that the Community of License, El Paso, TX, is contained within the 48 dBu F(50,90) contour. The Horizontal plane antenna pattern and vertical plane antenna pattern are exactly the same as the originally authorized construction permit versions.

A new RF exposure exhibit has been created and attached to the application that confirms that no RF exposure levels exists that are above the OET-65 limits.

Although the ERP reduction appears to be significant, the loss in population within the dipole-adjusted contours is very small. Population totals for the dipole-adjusted service contours for the respective ERPs are given below.

Population Report
Station: KTSM-TV-D.C (16) 250kW
Contour: FCC F(50-90) 38.94 dBu (VP) (8 Radial HAAT No Snap) (FCC HAAT)

Population Database: 2000 US Census (SF1)
Total Population: 855,053
Housing Units: 289,943
Coverage Area: 33,821 sq. km

Population Report
Station: KTSM-TV-D.C (16) 463kW
Contour: FCC F(50-90) 38.94 dBu (VP) (8 Radial HAAT No Snap) (FCC HAAT)

Population Database: 2000 US Census (SF1)
Total Population: 856,291
Housing Units: 290,512
Coverage Area: 37,466 sq. km

As shown in the data above, the net reduction is only 856,921- 855,053 or 1868 people or 0.2%

Thus, it is believed that the reduction in ERP will not create a concern for “white space” area.

Sincerely,

Gregory L Best, PE

President