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New NCE, Deer Lodge, Montana

INTERFERENCE TO TELEVISION CHANNEL 6

47CFR73.525 defines as affected any full service television station operating on Television Channel 6 that is within 180 kilometers of an FM station operating on channel 215. A search of the commission's CDBS and LMS reveals one such station - the licensed facilities of KTVM-DT, Butte, Montana, which is 59 kilometers distant.

The applicant chooses to operate using vertical polarization only. 47CFR73.525(d)(4)(i) permits stations proposing such operation to calculate the area of interference to Television Channel 6 assuming a power that is 1/40th of the proposed power, with no allowance for receive antenna directivity, as long as the area of interference lies entirely outside any city with a population of 50,000 or more.

Attached is a map exhibit showing the location and extent of the area of predicted interference to KTVM, calculated according to the method outlined in 47CFR73.525(e). An effective radiated power of 0.01625 watts was used in this calculation. This is equal to 1/40th of the 0.65 KW specified in the application. No portion of the predicted area of interference lies within a city with a population of 50,000 or more.

The population residing within the area of predicted interference to KTVM-DT is 83 and the area of interference is 71.7 Sq KM in extent.

The applicant believes the facilities proposed herein meet the requirements of 47CFR73.525, as regards interference to Television Channel 6.

