

B. W. St. Clair, Inc.

Engineering Statement
supporting a
Flash Cut Application for a Licensed Station, BLTTV19961231JF
Channel 12, Crested Butte, CO
GUNNISON COUNTY METRO RECREATION DISTRICT

BACKGROUND

Applicant is applying to flash cut channel 12 to digital operation. There will be an antenna pattern change. Coordinates will be corrected for this station, K12AK.

INTERFERENCE ANALYSIS

Interference to the following station was studied using "Population Loss Studies" based on the "Longley-Rice Terrain Dependent Algorithm" in accordance with OET Bulletin 69.¹ Population loss for each station is less than 0.5% for full-service and Class A TV stations and less than 2% for LPTV and translator stations. Cell size for service analysis is 1.0 km/side. The distance increments for Longley-Rice Analysis is 1.0 km. Any discrepancies are noted below.

FULL SERVICE DTV and Class A Stations & LPTV/Translator Stations
NONE

Prepared By:
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Engineering Consultant
2 February 2010

¹ The analysis was performed on a Sun "Blade" Computer using the exact replica of the FCC program. Population losses of less than 0.5% are not reported in detail. Only an indication of no interference is shown.