

***B. W. St. Clair, Inc.***

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Engineering Statement  
supporting a  
Flash Cut Application for a Licensed Station, BLTT19821129JM  
Channel 43, Crested Butte, CO  
GUNNISON COUNTY METRO RECREATION DISTRICT

**BACKGROUND**

Applicant is applying to flash cut channel 43 to digital operation. There will be an antenna pattern change. Coordinates will be corrected for this station, K43AH.

**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.<sup>1</sup> 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

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<sup>1</sup> 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.