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

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**Engineering Statement**  
in support of an  
**Flash-cut Application for BLTTL-19960627JB**  
Channel 38, Colorado Springs, CO  
Beta Broadcasting, Inc.

**BACKGROUND**

Applicant has a licensed LPTV station, KJCS-LP, Colorado Springs, CO. Beta Broadcasting is applying for a digital flash-cut on channel 38, the current broadcast channel. The application will correct errors associated with the tower registration. With the exception of the modulation type and the ERP reduction, all other parameters remain the same.

**INTERFERENCE CONSIDERATIONS**

Potential interference to other stations was studied using "Population Loss Studies" based on the "Longley-Rice Terrain 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 1.0km/side and distance increments for Longley-Rice Analysis is 1.0km. Any discrepancies are noted below.

Prepared By:  
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<sup>1</sup> The analysis was performed on a Sun "Blade" Computer using the exact replica of the FCC's analysis program.