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B. W. St. Clair, Inc.

Engineering Statement
in support of an
Flash Cut Application for BLTTL-1992024JF
Channel 17, Carson City, NV
KTVU Limited Partnership

BACKGROUND

Applicant has a licensed LPTV station, K17CA, in Tahoe City, CA and is applying for a digital flash-cut on channel 17, the current broadcast channel. The application will correct the RCAGL height error from the original analog application. 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 69.¹ 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 1.0km/side and 1 km distance increments for Longley-Rice Analysis. Any discrepancies are noted below.

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