

B. W. St. Clair, Inc.

Engineering Statement
supporting a
Digital Flash Cut for a Licensed Station, BLTTL19890831IG
Channel 39, Redwood Falls, MN
REDWOOD TV IMPROVEMENT CORP.

BACKGROUND

Applicant is applying for a digital flash cut to change K39CH from analog operation to digital.

NOTE: Redwood TV Improvement Corp is using "Cable News Network" via satellite for the input to this translator.

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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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.