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B. W. St. Clair, Inc.

Engineering Statement
in support of a
Digital Flash Cut Application, BLTTL20080325ADW
Channel 38, Susanville, CA
Honey Lake Community TV Corp.

BACKGROUND

Honey Lake Community TV has a licensed analog translator operating on channel 38 at the present time. Applicant is filing a flash cut application for K38IU. This translator station is located on the Shaffer Mountain Communications Site and serves Susanville, CA.

The ERP will decrease and the antenna model will change.

INTERFERENCE CONSIDERATIONS

Interference to the following station(s), based on contour overlap, was/were studied using "Population Loss Studies" based on the "Longley-Rice Terrain Algorithm" in accordance with OET Bulletin 69.[1] Population loss for full service TV and Class A or analog stations is less than 0.5% and less than 2% for any LPTV or translator DTV station. Cell size for service analysis is 1.0 km/side and distance increments for Longley-Rice Analysis is 1.0 km

FULL SERVICE TV, DTV, CLASS A, LPTV AND LPDT STATIONS
None

Prepared By:
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Engineering Consultant
29 March 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.