

B. W. St. Clair

Exhibit 8 - Engineering Statement

in support of a Minor Change
to licensed facility, BLTT19940621JF
K18DL – Logan, UT

BACKGROUND

Applicant has a licensed translator station, K18DL, in Logan, UT. This application requests an ERP increase, a different model antenna, and the relocation to a new site to the south of the present location.

INTERFERENCE ANALYSIS

Interference to the following stations was studied using "Population Loss Studies" based on the "Longley-Rice Terrain Dependent Algorithm" in accordance with OET Bulletin 69.¹ Population loss for these stations is less than 0.5%. Cell size for service analysis is 1.0 km/side and the distance increment for Longley-Rice Analysis is 1.0 km.

FULL SERVICE TV STATION

BPET20040227AAV	KRMJ-TV, Ch.18	Grand Junction, CO
BLCT20041018AAS	KUTH-TV, Ch. 32	Provo, UT

LPTV STATIONS

BLTT20060117ABB	K18GV, Ch. 18	Heber & Midway, UT
-----------------	---------------	--------------------

Prepared By:
Gordon H. Allison, Jr.
02 March 2006

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.