

B. W. St. Clair

Exhibit 6
Additional Engineering Statement
in support of an amendment to
Application BNPTT-20000808AAO
Channel 49, New Castle, UT
Iron County

BACKGROUND

Applicant has applied for a license for the operation of Channel 49 to serve New Castle, UT. An amendment has been filed to add an interference exhibit.

Additional Interference Considerations

Interference to the following stations was studied using "Population Loss Studies" based on the "Longley-Rice Terrain Algorithm" in accordance with OET Bul 69.¹

BNPTT-20000831CLT, K49HC, Channel 49, Brian Head, UT
Population loss less than 0.5%

BLTT-20030903ABT, K49GA, Channel 49, new Harmony, UT
Population loss less than 0.5%

BLTT-19830808IC, K49AS, Channel 49, Santa Clara, UT
Population loss less than 0.5%

Respectfully submitted,



B. W. St. Clair
Engineering Consultant
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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 5% are not reported in detail. Only an indication of no interference is shown.