

**B. W. St. Clair**

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Exhibit 6  
Additional Engineering Statement  
in support of an amendment to  
Application BNPTT-20000831CLX  
Channel 35, Brian Head, UT  
Iron County

**BACKGROUND**

Applicant has applied for a license to operate a translator on channel 35 to serve the community of Brian Head, UT. An amendment has been filed to include 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.<sup>1</sup>

BNPTTL-20000831EBK, New 20, Cedar City, UT  
Population loss less than 0.5%

BNPTTL-20000831EAV, New 35, Mesquite, NV  
Population loss less than 0.5%

BLTT-20000707AEL, K35FS, Ch 35, Santa Clara, UT  
Population loss less than 0.5%

Respectfully submitted,



B. W. St. Clair  
Engineering Consultant  
February 16, 2004

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<sup>1</sup> 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.