

B. W. St. Clair

Exhibit 6 - Engineering Statement
in support of an
Application BNPTTL20000828AOX
Channel 30, Hattiesburg, MS
DEAN M. MOSELY

BACKGROUND

Applicant holds a construction permit for K30CB at the present time. The applicant is filing for a modification to increase the ERP, change the antenna pattern and its orientation, and to move to a nearby tower that is available.

INTERFERENCE ANALYSIS

Interference to the following stations was studied using "Population Loss Studies" based on the "Longley-Rice Terrain Algorithm" in accordance with OET Bulletin 69.¹ Population loss for these stations is less than 0.5%. ***Cell size for service analysis is 2.0 km/side and distance increments for Longley-Rice Analysis is 1.0 km***

FULL SERVICE TV STATIONS
BLCT19910923KF

WGBC-TV, Channel 30 Meridian, MS

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07 December 2004

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.