

B. W. St. Clair

Exhibit 6 - Engineering Statement

FCC Call Sign/File Number: W23CL, BNPTTL20000828BCB
Location/Channel: Pontotoc, MS, Channel 15-
Applicant: Unity Broadcasting, Inc.

BACKGROUND

Unity Broadcasting, Inc. (Unity) filed a 2000 Window application which became a construction permit as W23CL. This construction permit (CP) for channel 23- is located to the northeast of Pontotoc, MS. At approximately the same time, W22BS in Tupelo, MS filed a displacement application to channel 23 also. The distance between these two proposed stations is only about 24 km. Since W22BS (23) was a displacement application, it, therefore, had priority over the Unity filing. However, when the W22BS (23) application was granted, the LPTV station proposed by Unity was analyzed with Longley-Rice methodology and found to receive interference in excess of 77% from W22BS (23). For this proposed station to be viable, it must move to another channel where incoming interference would be minimal. Therefore, Unity is requesting a displacement to channel 15-. This application will increase the proposed stations' ERP to 70.0 kW and change to an omni-directional antenna.

INTERFERENCE STUDY

Channel 15- was analyzed using Longley-Rice methodology in accordance with OET Bulletin 69. The population count was taken from the year 2000 census data. The station(s) analyzed follow along with any appropriate notes.

ANALYSIS

WXVT-TV, Greenville, MS, 15-	The interference to WXVT-TV showed 0.188% population impact. According to FCC rules, this rounds to 0.0% impact.
WHDF-TV, Florence, AL, 15Z	The interference to WHDF-TV showed 0.046% population impact. According to FCC rules, this rounds to 0.0% impact.
WLOV-DT, West Point, MS, 16N	The interference to WLOV-DT's construction permit showed 0.0% population impact.