

**Engineering Statement
In Support of an
Application for a Construction Permit**

WWIZ, Mercer, Pennsylvania

WWIZ F(50,50)/Longley-Rice Service Contour Comparison Study

<u>Azimuth</u>	Distance to F(50,50) 70 dBu <u>(kilometers)</u>	Distance to Longley-Rice 70 dBu <u>(kilometers)</u>	Percentage <u>Change</u>
84.0	13.9	27.7	98.9%
85.0	13.9	28.7	106.8%
86.0	13.8	28.8	108.4%
87.0	13.8	29.0	110.8%
88.0	13.8	27.5	99.8%
89.0	13.8	29.7	115.2%
90.0	13.8	29.8	115.3%
91.0	13.9	29.8	114.6%