

## EXHIBIT 16

### RADIO FREQUENCY RADIATION ASSESSMENT

This radio frequency radiation assessment has been included to address the issue of allowable radio frequency radiation levels (RFR). W228BT 92.9 would conform to FCC guidelines with respect to OET Bulletin No. 65 (Edition 97-01, August 1997), "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields." W228BT 92.9, Endicott, NY is to be located with one other full power FM station and it will be factored into the RFR calculations. Included as Exhibit 16, Subpart 1 is a printout showing the FCC's Power Density vs Distance Formula from its website. The input values located on Subpart 1 of this exhibit are for W228BT 92.9 and WCII, Spencer, NY. The type of antennas indicated in Subpart 1 are a Scala HDCA-5H FM Antenna and an ERI 4 Bay Half-Wave Spaced Rototiller antenna. The Scala antenna is the one that will be used in the operation of W228BT 92.9 and the ERI antenna is the one currently being used for WCII, Spencer, NY. The results show that W228BT 92.9 would contribute 0.023 mW per square cm (using the "worst case" antenna), which is 11.5% of the allowable maximum power density guideline of 0.2 mW per square cm for FM frequencies and WCII would contribute 0.018 mW per square cm, which is 9% of the allowable maximum power density guideline of 0.2 mW per square cm for FM frequencies. Combining the total of these two stations is 0.041 mW per square cm, which is 20.5% of the allowable maximum power density guideline of 0.2 mW per square cm for FM frequencies which conforms to the FCC maximum permissible uncontrolled/general population RF exposure guidelines.

In addition to showing that this proposed W228BT 92.9 Antenna meets the new OET bulletin No. 65 guidelines for a safe center of radiation, it should be noted that the transmitting tower will be appropriately marked with warning signs. When it becomes necessary for workers to ascend the

tower, appropriate measures, such as reduction of power or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency electromagnetic fields will not exceed the FCC guidelines. All of this information thus proves conclusively that this application conforms to the new FCC guidelines with respect to OET Bulletin No. 65 (Edition 97-01, August 1997), "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields."