

## EXHIBIT 17

### RADIO FREQUENCY RADIATION ASSESSMENT

This radio frequency radiation assessment has been included to address the issue of allowable radio frequency radiation levels (RFR). W233BL 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." W233BL, 93.9, Evergreen, PA is to be located with another proposed FM full power educational station and another FM Translator and these will be factored into the RFR calculations. Included as Exhibit 17, Subpart 1 is a printout showing the FCC's OET Bulletin No. 65 Power Density Formula. The input values located on Subpart 1 of this exhibit are for W233BL 93.9. The type of antenna indicated in Subpart 1 is a Scala CA-2V FM Antenna and is the antenna to be used in the operation of W233BL 93.9. The Relative Field Factor Downward (F) was supplied by Scala for this particular antenna. The results show that W233BL 93.9 would contribute 0.06211617 mW per square cm, which is 31.06% of the allowable maximum power density guideline of 0.2 mW per square cm for FM frequencies. Included as Exhibit 17, Subpart 2 is a printout showing the FCC's OET Bulletin No. 65 Power Density Formula. The input values located on Subpart 2 of this exhibit are for W297AY. The type of antenna indicated in Subpart 2 is a Scala FMVMP FM Antenna and is the antenna used in the operation of W297AY. The Relative Field Factor Downward (F) was supplied by Scala for this particular antenna. The results show that W297AY contributes 0.01128424 mW per square cm, which is 5.64% of the allowable maximum power density guideline of 0.2 mW per square cm for FM frequencies. Included as Exhibit 17, Subpart 3 is a printout from the FCC's website showing the Power Density vs Distance Calculation. The input values located on Subpart 3 of this exhibit are for WAMO, Dushore, PA. The type of antenna indicated in

Subpart 3 is a Jampro Double V one bay FM Antenna and is the antenna proposed for use by WAMO, Dushore, PA. The results show that WAMO, Dushore, PA would contribute 0.092 mW per square cm, which is 46% of the allowable maximum power density guideline of 0.2 mW per square cm for FM frequencies. Combining these three values results in 31.06% of the allowable level of RF radiation being contributed by the proposed W233BL 93.9 and 5.64% of the allowable level of RF radiation being contributed by W297AY and 46% of the allowable level of RF radiation being contributed by WAMO, Dushore, PA for a total contribution of 82.7% of the allowable level of RF radiation which conforms to the FCC maximum permissible uncontrolled/general population RF exposure guidelines.

In addition to showing that this proposed W233BL 93.9 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."