

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). W235BG 94.7 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." W235BG 94.7, Weatherly, PA is the only station to be factored into the RFR calculations. There are no other radio facilities within 0.5 kilometers of this proposed site. Included as Exhibit 16, Subpart 1 of this attachment is a printout of the RFR Radiation Hazard Formula. The input values are for the proposed W235BG operation. The antenna Relative Field factor is from the antenna manufacturer, Scala. The results from this printout show that the proposed W235BG antenna would have a predicted power density value at ground level of 0.01844515 mW per square cm, which is lower than 0.2 mW per square cm, the maximum allowable level of RF radiation. The W235BG power density level of 0.01844515 mW per square cm is 9.22 % of the maximum allowable level of RF radiation. This conforms to the FCC maximum permissible uncontrolled/general population RF exposure guidelines.

In addition to showing that this proposed W235BG 94.7 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."