

## **EXHIBIT 36**

### **Environmental Considerations**

WUND-DT is one of two television and one FM broadcast antennas at the station location. The action being taken will not change the power levels of any of the stations.

Information previously supplied in past filings: using the procedures outlined in OET Bulletin 65, Edition 97-01 and specifically Appendix 1, Table 1 and Equation 9, Page 21, the RFR energy radiation from the WUND-DT antenna system was evaluated as follows:

WUND-DT in one of two television and one FM broadcast antennas at the station location required to be considered by 47 CFR 1.1307(b). Other radiation sources contributing less than 5% of the total have not been considered.

WUND-DT utilizes an ERP of 543 kilowatts (average DTV power) with horizontal polarization. The WUND-DT transmitting antenna is a high gain unit with a power gain of 28X top mounted approximately 480 meters up the tower. Because of the high gain, the ERP at angles greater than +/- 10 degrees from the horizon is attenuated by a minimum of 20db. Utilizing Appendix 1, Table 9 of OET 65, the maximum occupational / controlled exposure level for this frequency is 1697 uW/cm<sup>2</sup>. Using Equation 9, Page 21, the distance to the 1697 uW/cm<sup>2</sup> is 10.7 meters.

For general population / uncontrolled environment the maximum exposure level is 339 uW/cm<sup>2</sup>. Again, using Equation 9, the distance to the 339 uW/cm<sup>2</sup> contour is 24.0 meters. Since the base of the antenna is approximately 480 meters above the ground, the height of the structure limits the possible excessive radiation values to at least 456 meters above the ground.

The WUND-TV facility utilizes an ERP of 100 kilowatts visual and 10 kilowatts aural with horizontal polarization. The WUND-TV transmitting antenna is a medium gain unit with a power gain of 4.2X side mounted with a base approximately 450 meters above the ground. Because of the medium gain, the ERP at angles greater than +/- 10 degrees from the horizon is attenuated by a minimum of 6db.

Utilizing Appendix 1, Table 8 of OET 65, with field interpolation, the occupational / controlled spacing is 20.4 meters. For general population / uncontrolled environment the required spacing is 45.7 meters. Since the base of the WUND-TV antenna is 450 meters above the ground, the height of the structure limits the possible excessive radiation values to at least 404.3 meters above ground.

WUND-FM facility utilizes an ERP of 50 kilowatts horizontal polarization and 47 kilowatts vertical polarization. The WUND-FM antenna is side mounted on the tower at 418 meters above the ground. For occupational / controlled environment and utilizing Table 5 of Supplement A, the required physical separation is 46.6 meters. Since the radiation center is 418 meters above the ground, the height of the structure limits the

possible excessive radiation values to at least 371.4 meters above the ground. For general population / uncontrolled environment, and utilizing Table 6 of OET 65, the required physical separation is 101.8 meters. Since the radiation center is 418 meters above the ground, the height of the structure limits the possible excessive radiation values to at least 316.2 meters above the ground.

Therefore the total levels of all RFR energy sources at all points on the ground are below that required for protection of both employees and the general public as required by ANSI 95.1-1992 or FCC OET 65, Edition 97-1. The radiofrequency levels do not exceed 200 uW/cm<sup>2</sup> at low VHF FM frequencies and 339 uW/cm<sup>2</sup> at UHF TV frequencies anywhere on the ground in the area of the tower. Neither workers nor the public will be exposed to electromagnetic fields exceeding the maximum permissible (MPE) levels set forth in Section 1.1310 of the Rules. The antenna supporting structure is enclosed by a chain-link fence to prevent unauthorized access.

The applicant has prepared an electromagnetic radiation abatement plan to educate employees and workers as to the potential hazards when working on the tower. Also as a precaution to employees, suitable signs are posted alerting maintenance personnel to the presence of RFR energy so that appropriate action can be taken when accessing the tower structure.

Where radio frequency fields in excess of FCC guidelines are predicted to be encountered (very near the station's transmission antenna), signs and protective devices secure the area from the general public. With respect to direct employees of the licensee, OSHA RFR guidelines will be observed. Contractors and other outside workers potentially exposed to such areas shall be advised of the hazard by posted notices and other means. The station will reduce power or cease operation, if necessary, in order to protect workers on the tower.

With these procedures in place, we believe the WUND-DT operation is in compliance with the RFR energy protection requirements of 47 CFR 1.1307(b).