

EXHIBIT #36

R.F. EMISSIONS COMPLIANCE STATEMENT

Channel 19 – 500 kW H DA
Smoky Hills Public Television

July 2004

The transmitting antenna operates with 500 kW in the horizontal plane, with a center of radiation height above ground of 372.2 meters.

Based on the formulas expressed in the OET Bulletin, No. 65, August 1997, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", published by the Federal Communication Commission's Office of Science and Engineering, the proposed facility is predicted to produce a maximum power density level at a position six feet above the tower base (head level - based on the C.O.R. of 372.2 meters minus 2 meters) of 1.219 microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). Since the applicant proposes a high gain UHF antenna, a vertical elevation field of 0.1 toward the nadir was used in this calculation. Consequently, 1.219 $\mu\text{W}/\text{cm}^2$ amounts to 0.07 percent of the maximum of 1,676.7 $\mu\text{W}/\text{cm}^2$ for the frequency in use for controlled areas and 0.36 percent of the maximum of 335.34 $\mu\text{W}/\text{cm}^2$ for uncontrolled areas.

The applicant will protect workers at the site by either reducing ERP or terminating transmission when it is required. The only R.F. is produced by the applicant, therefore no coordination agreement is required.

Consequently, it appears that the proposed FM station will be in full compliance with the Commission's human exposure to radiofrequency electromagnetic field rules and regulations.