

**EXHIBIT #E36**  
**RF Hazard Statement**

Concerning the Application of  
Smoky Hills Public Television  
To Make a Minor Change to  
KDCK  
BLET19980310KE  
Serving Dodge City, Kansas

June 2002

**Channel 21**

**8.423 kW**

The applicant proposes to use a high-gain UHF antenna<sup>1</sup>. 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 83 meters minus 2 meters) of 0.437 microwatts per square centimeter. 0.437 microwatts per square centimeter amounts to 0.03 percent of the maximum of 1,716.7 microwatts per square centimeter for the frequency in use for this controlled area. The tower is surrounded by a locked fence and warning signs have been posted.

The new transmitter will contribute less than 1% of the maximum allowable radiation level. No further calculations were deemed necessary.

The applicant will protect workers on the tower by either reducing ERP or terminating transmission. An agreement is in effect with the cellular/paging licensees at this location to reduce power or to terminate operations to protect workers from receiving in excess of the Commission's standard.

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

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<sup>1</sup> The use of a high gain UHF antenna assumes a vertical elevation field toward nadir of 10%.