

Exhibit #22

R.F. EMISSION COMPLIANCE STATEMENT

KLSI.C
Modifying BPED-19981006MF
Educational Public Radio, Inc.
Moss Beach, California
0.001 kW H & 0.008 kW V DA

The proposed 1-bay Shively antenna will be energized so that it radiates 0.001 kW in the horizontal plane and 0.008 kW vertical plane, from a height above ground of 16.5 meters. Based on the formulas expressed in the OET Bulletin, No. 65, August 1997, "Evaluating Compliance with F.C.C. Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", published by the Federal Communication Commission's Office of Science and Engineering, the existing facility produces a worst-case maximum R.F. non-ionization radiation level at a position six feet above the tower base (head level - based on the C.O.R. of 16.5 meters above ground minus 2 meters) of 1.43 microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). This figure is without regard for the antenna's vertical elevation field value toward the nadir, which will cause a reduction in the predicted "worst case" calculations. 1.43 $\mu\text{W}/\text{cm}^2$ is 0.143 percent of the maximum standard value for the frequency in use for a controlled area and 0.715 percent of the maximum for an uncontrolled area.

Since the predicted level of emissions is less than 5% of maximum, no further calculations were deemed necessary.

Since "worst case" calculations were used, and since it is well known that the actual RF power density level is considerably reduced at vertical angles toward the nadir the applicant is confident that actual RF contribution of this antenna will be less than is predicted here.

The applicant will protect workers at the site by either reducing ERP or terminating transmission.

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.