

## Exhibit #22

### R.F. EMISSIONS COMPLIANCE STATEMENT

Minnesota Public Radio  
KWRV  
Minor Change Application

December 2006

The proposed four-bay, half-wave spaced ERI LPX-4E-HW (Type #3) circularly polarized antenna will be energized such that it produces 0.1 kW effective radiated power from a center of radiation of 12.2 meters above ground. Using 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, and then by applying a combination of the element and array pattern as defined in E.P.A. study PB85-245868 ("**Engineering Assessment of the Potential Impact of the Federal Radiation Protection Guidance on the AM, FM and TV Broadcast Services**".) the predicted exposure level was calculated to be less than 0.1  $\mu\text{W}/\text{cm}^2$ .

There are other sources of RF on the tower and on another monopole immediately adjacent to the tower. However, since the contribution of KWRV is predicted to be less than 1%, further study was deemed unnecessary.

The applicant will protect workers on the tower by either reducing ERP or terminating transmission.

Consequently, it appears that the proposed FM station, when using one of the six common antennae listed above, will be in full compliance with the Commission's human exposure to radiofrequency electromagnetic field rules and regulations.