

EXHIBIT # 16

R.F. RADIATION COMPLIANCE STATEMENT

Channel 222 – 0.099 kW H & V
Blue Earth, Minnesota

August 2003

The proposed two-bay antenna will be energized such that it produces 0.099 kW effective radiated power, circularly polarized, from a center of radiation of 76 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**") a total, head-height, non-ionization radiation level of 0.006 microwatts per square centimeter was calculated. This calculation uses the proposed 2-bay Shively 6812, type #6, element and array pattern as measured by the E.P.A. The calculated value amounts to only .0006 percent of the maximum for a controlled area and .0029 percent for an uncontrolled area. Since the instant proposal has a contribution of less than one percent, further analysis was deemed unnecessary. Consequently, the proposed facility does not exceed the Commission's maximums.

The applicant will protect workers on or near the antenna mast by either reducing ERP or terminating transmission.

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