

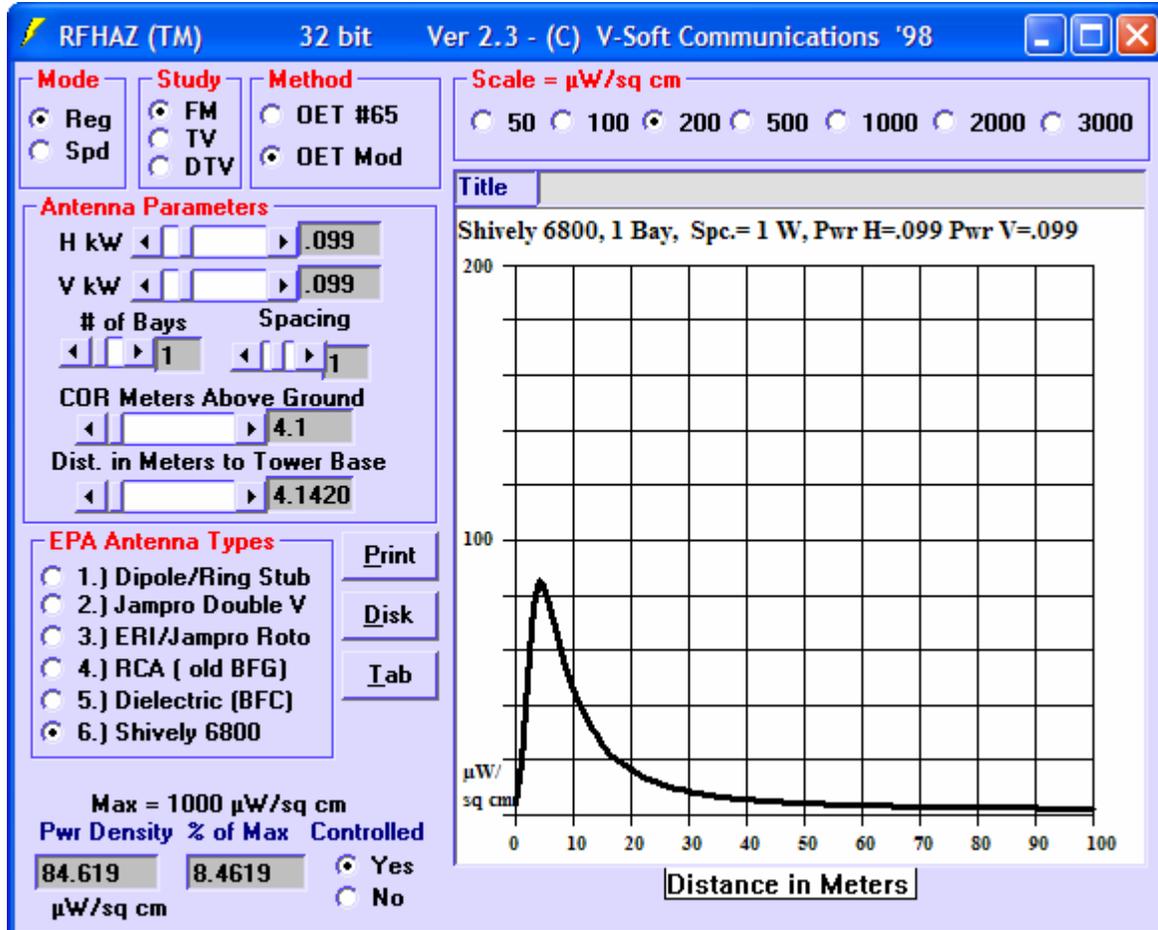
EXHIBIT # 16

R.F. RADIATION COMPLIANCE STATEMENT

Channel 283 – 0.099 kW H & V
Minneapolis, Minnesota

August 2003

The proposed single-bay antenna will be energized such that it produces 0.099 kW effective radiated power, circularly polarized, from a center of radiation of 6.1 meters above the roof level of Rarig Center. 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, maximum field, non-ionization radiation level of 84.169 microwatts per square



centimeter was calculated at a point 4.1 meters from the tower base. This calculation uses the proposed single-bay Shively 6812, type #6, element and array pattern as measured by the E.P.A. The calculated value amounts to only 8.46 percent of the maximum for a controlled area and 42.31 percent for an uncontrolled area. The roof area of Rarig Center remains locked with no access to the public allowed. Except for an STL dish (pointing away from the roof), this is the only source of R.F emissions on the roof. The applicant will place a weatherproof sign on the roof warning workers of the possible danger of working too close to the proposed antenna.

The applicant will further protect workers on the Rarig Center roof by either reducing ERP or terminating transmission when required.

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.