

## **EXHIBIT # 7**

### **R.F. RADIATION COMPLIANCE STATEMENT**

Channel 20 – 0.003 kW Horizontal  
Wauneta, Nebraska

September 2003

The proposed 2 stack Scala 4DR-4-2HW antenna will be energized such that it produces 0.003 kW effective radiated power, horizontally polarized, from a center of radiation of 13.1 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 a total, head-height, non-ionization radiation "worst case" level of 0.504 microwatts per square centimeter was calculated. This amounts to 0.16 percent of the maximum for an uncontrolled area and 0.03 percent for a controlled area. (It should be noted that "worst case" does not consider the reduction of emission toward the nadir caused by the vertical elevation field pattern of the antenna in use.) Consequently, the proposed facility will not exceed the Commission's maximums. The proposed antenna is the only source of broadcast related R.F. at the site. Since the contribution of the proposed facility is less than 1 percent for an uncontrolled area, no further analysis was deemed necessary.

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

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