

**Exhibit E-30**

The proposed facility would be located on an existing antenna structure that has been registered with the Commission (ASR# 1220367). Since the facility would be located on an existing tower, there would be no additional environmental impact on the surrounding vicinity.

In addition, the construction of the proposed facility would not constitute an RF radiation exposure hazard to persons at the site. In addition to the proposed facility, the tower would also support the antenna for KEEZ-FM at Mankato, Minnesota. The Commission's FM model software package was utilized to determine maximum worst case predicted power density values for each of the facilities at ground level.

In the case of the proposed facility, the maximum predicted power density at ground level was determined to be  $22.58 \mu\text{W}/\text{cm}^2$  at 18 meters from the base of the tower. For the existing KEEZ-FM antenna, a maximum predicted power density of  $66.50 \mu\text{W}/\text{cm}^2$  at 42 meters from the base of the tower was calculated. If the assumption that both of these maximum predicted power density levels occur at the same distance from the tower and that they are both summed together, then a worst case predicted power density for the antenna structure is determined to be  $89.08 \mu\text{W}/\text{cm}^2$ . Since this value obtained for the summation of

both facilities is less than that permitted under the uncontrolled environment portion of the RF safety standards, it is respectfully submitted that the proposed facility would not constitute an RF safety hazard for persons at the site.