

## **EXHIBIT 17**

### **RADIOFREQUENCY RADIATION GUIDELINES COMPLIANCE STUDY**

This instant application has been evaluated for potential of human exposure to non-ionizing radiofrequency radiation. The guidelines set forth in OET Bulletin No. 65 (Edition 97-01) and the companion Supplement A (Edition 97-01) were used as the standard for this evaluation

The proposed 1580 kHz, WVKO operation will operate with a daytime power of 5.0 kW into a two array and 290 watts into a three tower array from a separate location. Both day and night locations are more than 315 meters apart. To maximize the degree of protection afforded to the public, the total daytime power of 5.0 kW has been assumed to be present in each daytime tower and 290 watts in each nighttime tower. Both arrays will use vertical elements which are 90.0° in electrical length or 0.250 wavelengths

**Daytime Operation.** Table 2 of Supplement A specifies for 0.21-0.4 wavelength AM towers operating on 1580 kHz with a total input power of 5.0 kW or less, the non-ionizing radiation will fall to safe levels at distances of 2 meters (6.6 feet) or more.

**Nighttime Operation.** Table 2 of Supplement A specifies for 0.21-0.4 wavelength AM towers operating on 1580 kHz with a total input power of 1.0 kW or less, the non-ionizing radiation will fall to safe levels at distances of 1 meters (3.3 feet) or more.

Fences will be built around the base of each tower to achieve this level of protection. Access to areas within the fences will be limited by means of locked gates. In addition to these measures, signs will also be posted warning of the potential for exposure to excessive levels of non-ionizing radiofrequency radiation.

In the event maintenance personnel are required to work within the restricted areas, they will be advised to limit their work in the high RF field areas to specified periods of time appropriate for compliance with the FCC guidelines set forth in OET Bulletin No. 65 (Edition 97-01). If their work cannot be completed within the specified period of time, it is proposed to reduce power appropriately or shut down the operation of the station to permit completion of the assignment. There are no additional sources of radiofrequency radiation subject to the guidelines of OET Bulletin No. 65 (Edition 97-01) at this location.