

**Environmental Effects**

Educational Media Foundation (“EMF”) certifies that W238BJ complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.

The RF worksheet in the Instructions to form 303-S was unusable to determine compliance for this facility because the facility is co-located with other AM and FM broadcast facilities. Therefore, EMF used RFHAZ, a commercial software package created by V-Soft Communications, to determine compliance for this site.

Co-located AM station WLW Cincinnati, OH operates on 700kHz at 50.0 kW maximum power via a single tower that is 189.3° (0.52λ) in height. The protective fence installed around the tower is located farther from the tower than the four meter distance required by Table 3 of OET-65, Supplement A.

Utilizing the “Ring Stub EPA – Type 1” worst case antenna for calculations, W238BJ’s maximum contribution to the site is 0.33μW/cm<sup>2</sup>, which is 0.165% of the worst-case uncontrolled (public) exposure limit of 200μW/cm<sup>2</sup>.

This value does not exceed the 5% “threshold of responsibility” specified in 47 C.F.R. 1.1307(b) and 1.1307(b) (3). Therefore, W238BJ is “categorically excluded” from providing an Environmental Assessment.