

K38HD-D, St. Louis, Missouri
Facility ID# 49175
20 December, 2017

Environmental Statement

Access to this building top site is via two stairways leading up from the top floor. Locked steel doors are at the tops of those stairways with RF warning signs on those doors clearly marking the rooftop as a possible high RF exposure area. Keys to the access doors are in a combination operated lock box with only authorized personnel given the combination by building management. The public is never given access to the rooftop areas.

The rooftop consists of two levels. The main roof area contains a satellite dish, cellular equipment, and other miscellaneous items. It also provides access to the elevator equipment room which is kept securely locked. The elevator equipment room also contains the low power TV transmitters for K25NG-D, Three Angels Broadcasting, and K38HD-D, Ventana Television, Inc. These two broadcast facilities operate from the upper rooftop level over the elevator equipment room and are expected to be the possible contributors to the RF level there. Clearwire operates a 4G wireless array system mounted on the southeast corner of the upper roof near the K38HD-D antenna.

Measurements made in 2010 indicated levels on the main roof level were never above the occupational or even the public exposure levels, however on the upper rooftop some areas near the Clearwire equipment and the K38HD-D antenna did exceed the occupational limits for continuous exposure. Access to the upper rooftop area is solely by means of a single ladder. As part of an exposure mitigation plan a locked anti-climbing device was installed on the ladder with building management holding the key which was to be signed out to anyone needing access to that area. A sign right by the ladder directs anyone needing access to that area to contact the building management and directs them to contact Ventana Television technical personnel to have power reduced or terminated as needed to reduce exposure to safe levels.

As a part of the requested displacement process Ventana Television commits to making a new set of measurements following construction and working with the building management and the site management company to help ensure adequate safeguards for all workers on the rooftop areas of the building.