

**Exhibit E-8**

This application is being filed pursuant to Section 73.1690 of the Commission's Rules due to an antenna change at the site utilized by KSIV-FM. The new antenna has a similar number of sections and is similar in size to the antenna being replaced with some minor differences. This exhibit will demonstrate compliance with the applicable sections of Section 73.1690 of the Commission's Rules and detail the minor changes necessary to the KSIV-FM authorization.

KSIV-FM is located at the American Tower facility in St. Louis. The tower utilized by KSIV-FM and other stations bears FCC Antenna Structure Registration Number 1020785. No physical changes in the location or overall height of the tower have been made. As a result, all data contained in the referenced ASRN remains valid. The ASRN data is, however, in conflict with the KSIV-FM licensed data. The ASRN data is the correct data.

As a result of this conflict/discrepancy, the center of radiation above mean sea level and above average terrain will increase by two (2) meters, although the center of radiation above ground remains constant. This increase in the center of radiation both above mean sea level and above average terrain is permissible under Section 73.1690(c)(1) of the Commission's Rules. The table below summarizes the changes requested in the KSIV-FM authorization.

	Licensed	Proposed	Change
Center of Radiation AGL	325.0 meters	325.0 meters	0 meters
Center of Radiation AMSL	466.0 meters	468.0 meters	+2 meters
Center of Radiation AAT	313.0 meters	315.0 meters	+2 meters

The discrepancy in the ASRN data relative to the KSIV-FM license data pertains to the elevation of the site. Originally the site elevation was believed to be 141 meters above mean sea level, which is the value that KSIV-FM originally utilized. When the ASR data was submitted to the Commission, the actual site elevation was determined to be 143 meters above mean sea level. This discrepancy was not identified until the replacement of the antenna occurred.

It should be noted that the antenna utilized does not necessarily have a spacing of 1.0 wavelength between elements at the frequency of KSIV-FM. Since the antenna is a "master" antenna utilized by multiple frequencies/stations, the spacing between the elements will vary depending on the frequency of operation. For all practical purposes, however, the element spacing is essentially 1.0 wavelength.

The manufacturer of the antenna and pre-existing combiner system have provided attenuation and insertion loss data for the KSIV-FM frequency of operation. This information has been presented in more detail under Exhibit E-6 in this application. As demonstrated in that exhibit, the specified transmitter power output on the form pages achieves the authorized effective radiated power

of 85 kW. There is no change in the authorized effective radiated power. The actual transmitter power output is measured at the combiner input by calibrated watt meters.

The new antenna is similar to the antenna being replaced. As a result, there is no significant change in the radiation reaching ground level at the site. Therefore no additional environmental impact to the site would arise from the change in antennas.

The station is commencing program test authority pursuant to Sections 73.1690(c)(1) and 73.1620(a)(1) of the Commission's Rules.