

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION KTVI(TV)
ST. LOUIS, MISSOURI
CHANNEL 33 823 KW (H), 206 KW (V) 336 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of KTVI(TV), St. Louis, MO (Channel 33). The proposed KTVI(TV) facility will replace its existing top-mounted non-directional antenna with a new top-mounted non-directional antenna. There will be no increase in the overall height of the existing tower structure.
2. It is noted that the antenna radiation center height above average (HAAT) was re-calculated to the value in agreement with that given by the FCC’s *TVStudy* analysis software.
3. There is no extension of the predicted service area relative to the baseline reassignment facility listed in the FCC’s Closing and Channel Reassignment (CCR) *Public Notice*. Also, the proposed facility is compliant with the 95% population service requirement relative to the CCR baseline facility as outlined in the CCR.
4. The instant proposal is compliant with the principal city coverage requirements of St. Louis. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).