TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION KTLA(TV)
LOS ANGELES, CALIFORNIA
CHANNEL 35  800 KW (H), 240 KW (V)  981 M HAAT

1. The instant application is the initial 90-day 'Checklist' application for the reassigned facilities of KTLA(TV), Los Angeles, CA (Channel 35). The proposed KTLA(TV) facility will replace a side-mounted antenna with a top-mounted pole-mounted antenna with an increase in the antenna radiation center height above ground level from 111 m to 134.6 m. There will be no change in the overall structure height since the new antenna will fit within the aperture space of an unused top-mounted pole to be employed for the new antenna.

2. With the change in antenna radiation center height above ground and considering the given antenna structure registration site elevation, the new antenna radiation center height above mean sea level is specified as 1871.6 m. In addition, it is noted that the antenna radiation center height above average terrain (HAAT) was re-calculated considering all changes to the value in agreement with that given by the FCC's *TVStudy* analysis software.

3. The maximum effective radiated power (ERP) was adjusted to 800 kW to account for the differences between the proposal and the FCC baseline facility for KTLA(TV).

4. The proposed transmitter site is located within the Mexican border coordination zone. However, 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*. Therefore, the proposal is compliant with the CCR requirements domestically and with respect to Mexican assignments.

5. Also, the proposed facility is compliant with the 95% population service requirement relative to the CCR baseline facility as outlined in the CCR.

6. The instant proposal is compliant with the city coverage requirements of Los Angeles. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).