

TECHNICAL SUMMARY

TELEVISION STATION KPLR-TV
ST. LOUIS, MISSOURI
CHANNEL 26 1000 KW (H), 250 KW (V) 333 M HAAT

1. The instant application for construction permit was prepared for KPLR-TV, St. Louis, MO (Channel 26). By means of this application it is proposed to change the transmitter site to an existing tower located approximately 6 km southeast of the KPLR-TV licensed transmitter site.* The antenna structure registration number of the proposed tower location is 1002991.

2. The transmitting antenna model and height will be changed to reflect the specifications for the new tower location. The proposed transmitting antenna will replace the unused former KTVI Channel 2 top-mounted antenna. There will be no increase in the overall structure height as a result of the change. The proposed nominal non-directional effective radiated power (ERP) is specified to be 1000 kW (H) and 250 kW (V) with an antenna height above average terrain (HAAT) of 333 m.

3. The instant proposal is compliant with the interference protection requirements of the FCC Rules. The results the FCC's *TVStudy* analysis are shown in an exhibit with the instant application.

4. The instant proposal is compliant with the city coverage requirements of St. Louis, which is demonstrated in the Predicted Coverage Contours exhibit.

* See FCC File No. 00000125916.