

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TV STATION WCSC-TV
CHARLESTON, SOUTH CAROLINA
CHANNEL 19 562 KW (DA) 521 m

1. The instant application is the initial 90 day ‘Checklist’ application for the reassigned facilities of WCSC-TV, Charleston, South Carolina (Ch. 19). It is proposed to operate with the same facilities listed for WCSC-TV in the FCC’s Closing and Reassignment Public Notice (CRP). Specifically, it is proposed to utilize the existing Dielectric model TUP-C3-10-1 directional antenna and operate with an ERP of 562 kW. In addition, there will be no change in the antenna radiation center height (525 m AMSL). There will also be no change in the overall structure height.

2. As the proposed facilities are identical to the facilities listed for WCSC-TV in the CRP, there will be no extension of the predicted service area relative to the baseline reassignment facility listed in the CRP. Also, the proposed facility is compliant with the 95% population service requirement.

3. The proposal complies with the FCC’s interference requirements based on the FCC’s *TVStudy* program. A cell size of 2.0 km and a profile resolution of 1.0 points/km were utilized for the *TVStudy* analysis.

4. RFR Compliance: A RF hazard statement is attached demonstrating that the proposed operation complies with the FCC’s limits on human exposure to RF energy.