

TECHNICAL SUMMARY
SECOND FILING WINDOW
APPLICATION FOR CONSTRUCTION PERMIT
CLASS A STATION WRCF-CD
ORLANDO, FLORIDA
CHANNEL 16 15 KW (DA)

1. The instant application is a second filing window application for WRCF-CD on channel 16 at Orlando, Florida. It is proposed to increase the ERP from 9.5 kW to 15 kW and to change the directional antenna system. There will be no other changes. There will also be no change in the overall structure height of the existing tower (ASRN 1212124).

2. As demonstrated in the *TVStudy* analysis exhibit, the proposal complies with the FCC's interference protection requirements based on a cell size of 1.0 km and profile resolution of 1.0 points/km to all pertinent stations and assignments with the exception of the licensed (BLTTL-20030522AGC) analog operation of WVCJ-LP on co-channel 16 at Orlando, Florida ("WVCJ-LP analog operation") located only 33 km from WRCF-CD's baseline/authorized (CP)/proposed transmitter site. However, WVCJ-LP's analog operation is considered to be displaced by WRCF-LP's digital channel 16 assignment at Orlando. Specifically, as indicated by the attached *TVStudy* analysis for WVCJ-LP's analog operation, the WVCJ-LP analog operation will cause unique interference to 33.84% (615,083 persons) of the WRCF-CD baseline service area and 23.46% (420,310 persons) of the WRCF-CD CP service area. As also indicated, the WRCF-LP CP operation will cause unique interference to 99.26% (629,006 persons) of the WVCJ-LP analog service area. Finally, it is noted that the proposal complies with the FCC's interference protection requirements to WVCJ-LP's authorized (BDFCDTL-20140717AAO) digital channel 16 operation at Orlando.

3. 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.