

Reasons for CP Modification & Technical Narrative

W18DZ-D request a minor change of its current CP to reduce ERP and change antenna pattern. The proposed changes will provide necessary economic savings to allow the station to quickly construct the modified construction permit; the proposed changes are also necessary to allow the tower structure to be modified to support larger antennas of various CPs. As there is no change in site, there will be ample service contour overlap, as shown in the included Figure 1,

As shown in the included TVStudy report, performed with L-R cell size of 0.5 km and a terrain profile of 0.1 km, no prohibitive interference is predicted to any other TV station.