EVIRONMENTAL STATEMENT
K210EC DENVER, COLORADO
CEDAR COVE BROADCASTING, INC.
FCC FORM 349
JULY 2016

The applicant proposes to mount its current antenna on an existing 62.5 meter registered tower, number 1024664. The proposed Center of Radiation will be 60 meters Above Ground Level. A Nicom BKG77 custom directional antenna is being proposed, with a maximum Effective Radiated Power of 60 watts with circular polarization. Calculations were made using FM Model for Windows, version 2.10. The proposed antenna Center of Radiation, above ground, was reduced by 2 meters to allow for the average height of a human on the ground. FM Model predicts a peak exposure of 0.717 µw/cm² at a distance of 16 meters from the base of the tower. This represents 0.4 % of the allowable Maximum Permissible Exposure ("MPE") of 200 µw/cm² for uncontrolled environments at any point on the ground. This proposal should be categorically excluded from environmental processing since it will operate with less than 100 watts of ERP.

The applicant will ensure that the public access to the tower is restricted by fencing, anti-climb devices or other appropriate measures. The site will be posted with RF warning signs. If climbing of the tower by authorized personnel becomes necessary, transmitter power will be reduced to safe operating levels, or transmission even terminated, as necessary as not to exceed the RF exposure limits to tower workers. The licensee will cooperate with other users at the site with the scheduling of such tower or antenna maintenance.

No modification of the existing tower is proposed, other then the proposed side mounting of the antenna system and addition of a transmission line. The tower was constructed prior to March 16, 2001. The National Programmatic Agreement generally allows such a collocation without consultation or review under Section 106 and Subpart B of 36 CFR §800. The applicant believes that it is in full compliance with the Agreement, and that no further study is required.