EVIRONMENTAL STATEMENT
K232EF ESTES PARK, COLORADO, CH. 231D
CEDAR COVE BROADCASTING, INC.
FCC FORM 349
JULY 2011

The applicant proposes mounting a new antenna on an existing 45 meter un-registered tower. The proposed Center of Radiation will be 25 meters Above Ground Level. The ERP will 17 watts vertical only. A two yagi, offset mounted, Vertical only polarization only Scala model HDCA10/VRM-2, custom composite directional antenna is proposed. 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 1.02 μw/cm² at a distance of 6 meters from the base of the tower. This represents 0.5 % of the allowable Maximum Permissible Exposure ("MPE") of 200 μw/cm² for uncontrolled environments at any point on the ground. Since the Scala antenna is not specifically listed in the FM Model program, the worse case "Type 1" antenna was used for the study.

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.