ENVIRONMENTAL STATEMENT
KIDN-FM BURNS, COLORADO
NRC BROADCASTING MOUNTAIN GROUP, LLC
FCC FORM 301
DECEMBER 2009

The applicant proposes mounting a new antenna on an existing 31 meter registered tower, # 1056144. The proposed Center of Radiation will be 9.5 meters Above Ground Level. A 1 bay, circular polarized Nicom model BKG77, is proposed. Calculations were made using FM Model for Windows, version 2.10 (worse case type 1 antenna). 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 94.800 μw/cm² at a distance of 2 meters from the base of the tower. This represents 48.9% of the allowable Maximum Permissible Exposure ("MPE") of 200 μw/cm² for uncontrolled environments at any point on the ground. The proposed operation also proposes an Effective Radiated Power of less then 100 watts, or 72 watts in this case, thus it is categorically exempt from further environmental processing.

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. The Site is also utilized by KLRY Gypsum, CO. From FCC records KLRY's worse case peak exposure is 9.9597 uw/cm x cm at 13 m. This is just 4.48% of the allowable. So even when directly added with the proposed KIDN-FM the maxium allowable will not be exceeded.

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.