

EXHIBIT E-2
ENVIRONMENTAL COMPLIANCE
YOUNGERS COORADO BROADCASTING LLC
KEZZ PHIPPSBURG, COLORADO 231C2
FCC FORM 301
NOVEMBER 2008

The proposed facility should be exempt from environmental processing as it would be located on an existing tower site and there would be no additional environmental impact on the surrounding area. In addition, the proposed facility would not constitute a RF exposure hazard to persons at the site with respect to the RF radiation exposure guidelines contained in ANSI Standard OET Bulletin 65, edition 97-01, along with Supplement A (Edition 97-01) regarding additional information for Radio and Television Broadcast Stations.

For the FM band, the MPE limit for general population/uncontrolled exposure is 0.2 mW/cm^2 ($200 \text{ } \mu\text{W/cm}^2$) and the limit for the occupational/controlled exposure is 1 mW/cm^2 ($1000 \text{ } \mu\text{W/cm}^2$).

Worst case estimates were used for figures 6 through 15, Supplement A, Section 2. In each case, with a proposed Effective Radiated Power of 0.820 kilowatts both horizontal and vertical at a Center of Radiation of 12 meters above ground (this is 2 meters below the proposed C.R. allowing for the average height of a human on the ground) utilizing a Nicom, model BKG77, 2 bay, half wave (0.5) wavelength spacing, it was found that the proposed facility was within ANSI limits.

Exhibit E-2, Figure 1, of this study shows the results from the FM Model program used by the Commission. It shows that the highest power density would be $65.111 \text{ } \mu\text{W/cm}^2$ (0.065111 mW/cm^2) at a distance of 16 meters from the antennas at the ground.

Where accessible areas of the support structures are within the hazard zone, they will be posted with signs and protected from unauthorized access. The base of the tower will be surrounded with metal fencing and again posted with RF radiation warning signs on the fencing.

The Licensee certifies that it will cooperate with tower personnel and other users of the tower to either reduce power to safe operating levels or cease transmissions while maintenance is performed on the tower.

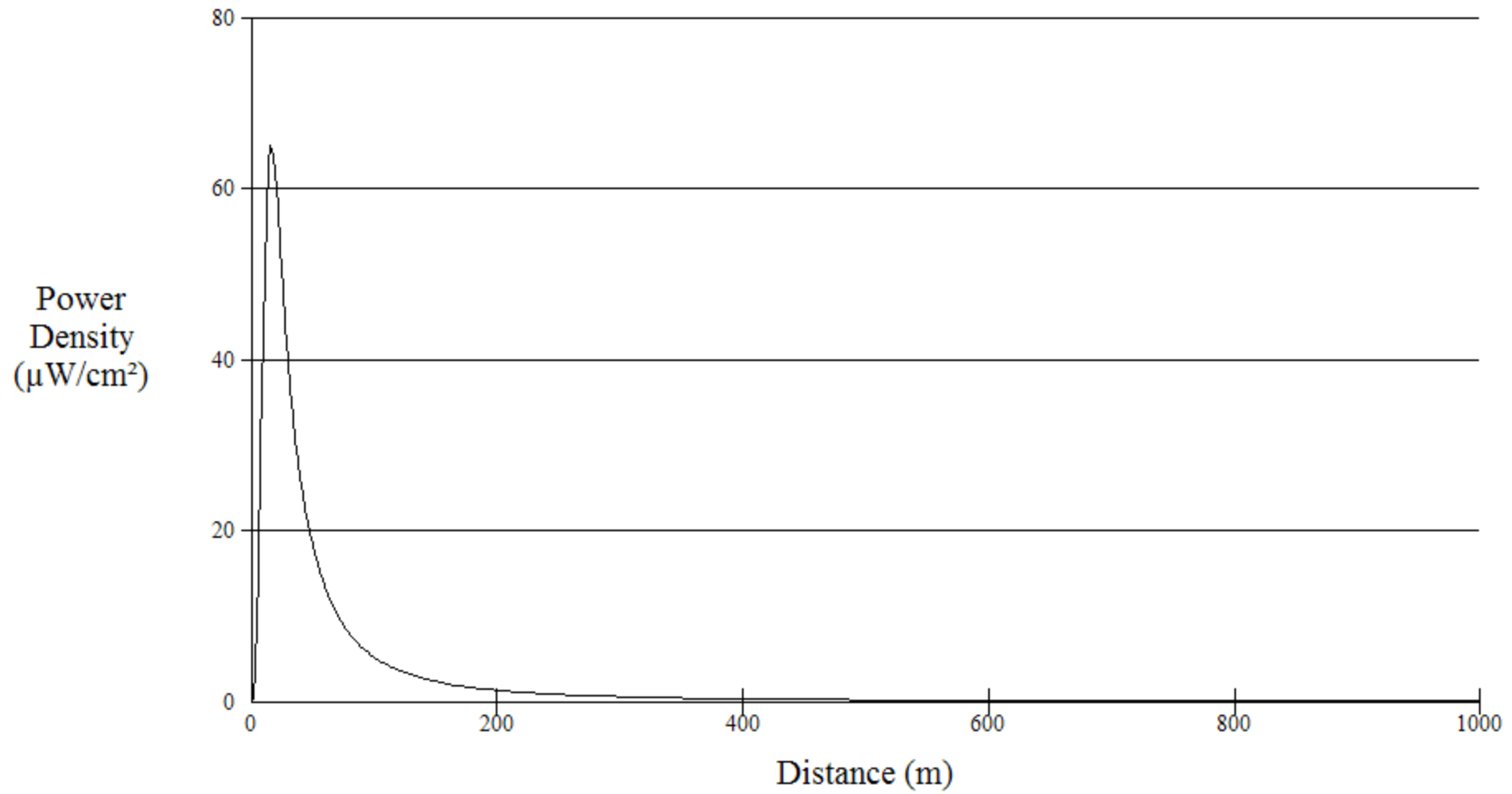
Any incidence of blanketing interference resulting from the proposed operation should occur within a radius of approximately 2 kilometers. The applicant assumes full responsibility for remedying the complaints of blanketing interference for a period of one year. Following the one year period of full financial obligation to satisfy blanketing complaints, the licensee shall provide technical assistance to affected persons on remedies for blanketing interference. Since the area inside the blanketing contour is sparsely populated, no serious blanketing interference problems are anticipated.

Note: There are other FM facilities at this tower site. One is FM translator K214AK Steamboat Springs, Colorado and the other is FM translator K214AW Walden, Colorado. The following table summarizes the facilities and their possible worse case contribution to harmful RF radiation. The proposed antenna for KEZZ will be more than 3 meters (10 feet) below the antennas of these translators and will not cause any adverse effects to the directional radiation characteristics of these existing translators.

Facility	ERP (kW)	Max Power Density ($\mu\text{W}/\text{cm}^2$)
K214AK	0.077	3.640
K214AW	0.077	3.640
KEZZ	0.820	65.111
		Total: 72.391

Even if all of these maximum RF levels at the ground were combined at the same location, which is unlikely, the maximum power density when added would be $72.391 \mu\text{W}/\text{cm}^2$, still well below the allowable level of $200 \mu\text{W}/\text{cm}^2$ for uncontrolled areas.

Power Density vs Distance



Office of Engineering and Technology

Distance (m):	<input type="text" value="1000"/>	Antenna Type:	<input type="text" value="Phelps-Dodge 'Ring Stub' or Dipole (EP)"/>
Horizontal ERP (W):	<input type="text" value="820"/>	Number of Elements:	<input type="text" value="2"/>
Vertical ERP (W):	<input type="text" value="820"/>	Element Spacing:	<input type="text" value=".5"/>
Antenna Height (m):	<input type="text" value="12"/>		