RF HAZARD STATEMENT
LOW POWER TELEVISION STATION K45KB-D
LAKE GEORGE, COLORADO
CHANNEL 45 0.5 KW (MAX-DA) 2766 M AMSL

With respect to the potential for human exposure to radio frequency (RF) radiation, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the proposal will not result in human exposure to RF radiation at ground level in excess of FCC standards. Power density calculations were conducted at 2-m above ground* based on the following conservative assumptions, with the following results:

Call Sign	**Channel**	**Average ERP (kW)**	**Distance (m)**	**Relative Field Factor†**	**FCC Limit‡ (mW/cm^2)**	**Percentage of Limit**
K45KB-D	45	0.5	17	0.50	0.439	1.3%

As indicated above, the exposure to RF radiation at 2-m above ground level will not exceed 1.3% of the FCC limit for general population / uncontrolled exposure. Therefore, the proposal complies with the FCC limits for human exposure to RF radiation and it is categorically excluded from environmental processing. The applicant, in coordination with other users of the transmission facility, shall reduce power or cease operation as necessary to protect persons having access to the tower or antenna from radio frequency radiation in excess of the FCC guidelines.

* The radiation center is located 29 m above ground level.
† This is a conservative estimate of the downward relative field at steep elevation angles.
‡ for general population/uncontrolled environments