

Exhibit 7 – Environmental Considerations

CBS Radio Stations Inc.

Las Vegas, Nevada

CBS Radio Stations Inc. (“CBS”) herein seeks to modify the auxiliary antenna licenses of several FM antennas sharing a common tower.¹ This Statement addresses the environmental and radiofrequency concerns related to this proposal.

The proposed facilities use an existing tower with no change in overall height, marking specifications, or lighting specifications. Consequently, this application is categorically excluded from environmental processing.

As demonstrated in the following, radiofrequency fields from the proposed FM and AM radiofrequency fields comply with the FCC’s general population uncontrolled maximum permitted exposure (MPE) exposure guidelines. As detailed below, each station’s individual MPE percentage was calculated separately. The total is less than 40%.

The proposed FM operation was evaluated for radiofrequency exposure using the FCC Office of Engineering and Technology’s updated *FMMModel* software,² which calculates RF power density at ground level given the height, power, and type of FM broadcast antenna. The results were compared with the FCC’s 200 $\mu\text{W}/\text{cm}^2$ general population/uncontrolled maximum permitted exposure (MPE) exposure guideline for the FM broadcast band.

An existing ERI eight-bay, circularly-polarized “Rototiller” antenna is proposed for the four FM radio stations.³ Using this antenna type and the proposed ERP, frequencies, and heights as input values, *FMMModel* predicts the following ground-level power densities.

¹ Antenna Structure Registration 1291307 supports the auxiliary FM antennas of KXTE(FM) Pahrump, NV (BXLH-20141009AAI); KLUC-FM Las Vegas, NV (BXLH-20141009AAH); KMXB(FM) Henderson, NV (BXLH-20141009AAG); and KXQQ-FM Henderson, NV (BXLH-20141009AAF). This tower is also proposed as an auxiliary antenna for KXNT(AM) North Las Vegas, NV (BXP-20161208AAQ). It is near but not an active part of the KXST(AM) North Las Vegas, NV array. These stations are commonly owned and licensed to CBS.

² See FCC Public Notice DA 16-340, Released March 31, 2016.

³ This is an EPA “Type 3 – Opposed U Dipole” antenna.

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<u>Callsign</u>	<u>ERP (H & V)</u>	<u>Distance</u>	<u>Power Density</u>	<u>Percent MPE</u>
KXTE(FM)	23.5 kW	20.9 m	15.1 $\mu\text{W}/\text{cm}^2$	7.6%
KLUC-FM	26.9 kW	20.9 m	17.3 $\mu\text{W}/\text{cm}^2$	8.7%
KMXB(FM)	25.3 kW	20.9 m	16.3 $\mu\text{W}/\text{cm}^2$	8.2%
KXQQ-FM	26.9 kW	20.9 m	17.3 $\mu\text{W}/\text{cm}^2$	8.7%
Total				33.2%

The KXNT(AM) operation was evaluated for radiofrequency exposure using procedures outlined in the FCC Office of Engineering and Technology's *Bulletin No. 65*, Supplement A. Tower access will continue to be controlled by a locked, gated fence extending at least two meters from the tower base. At that distance, predicted field strengths from the proposed 34 Watt daytime operation would be 6.64 mV/m and 0.72 A/m, less than five percent of the general population, uncontrolled maximum permitted exposure limit (MPE) specified in §1.1310 of the FCC Rules.⁴ When the KXNT MPE percentage is added to the FM figures shown above, it can be seen that the total proposed radiofrequency exposure is less than 40% of the FCC's general population/uncontrolled limits.

In addition to the tower base fence, access to the property is controlled by a locked perimeter fence. Appropriate RF exposure warning signs will continue to be posted. A site exposure policy is in effect that includes restriction of access, power reduction, or the complete shutdown of facilities when work must be performed where predicted RF levels would otherwise exceed appropriate guidelines. On-site RF exposure measurements may also be undertaken to establish the bounds of occupational areas. The applicant will coordinate exposure procedures with all pertinent stations.

⁴ At the KXNT(AM) frequency of 840 kHz, the MPE is 614 mV/m electric field strength and 1.63 A/m magnetic field strength. Fields from the lower power nighttime operation would be even less.