

**EXHIBIT #29**  
**R.F. EMISSIONS COMPLIANCE STATEMENT**  
Channel 240 – 21 kW H & V  
Cottonwood, Arizona  
October 2003

The proposed three-bay, circularly polarized antenna will be energized such that it produces 21 kW effective radiated power from a center of radiation of 56 meters above ground. Using the formulas expressed in the OET Bulletin, No. 65, August 1997, "Evaluating Compliance with F.C.C. Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", published by the Federal Communication Commission's Office of Science and Engineering, and then by applying a combination of the element and array pattern as defined in E.P.A. study PB85-245868 ("**Engineering Assessment of the Potential Impact of the Federal Radiation Protection Guidance on the AM, FM and TV Broadcast Services**") the predicted level of RF non-ionization radiation at a position of 2 meters above ground (head-height) for the proposed ERI Model LPX3E (Type #3) antenna is 14.436 microwatts per square centimeter, which is 1.4436 percent of the maximum for this controlled area. The area is surrounded by a locked fence and posted with warning signs.

The tower is located in a tower farm. There are several other radiators contributing to the level of RF emissions. The following table defines those contributions at the base of the KZGL tower.

Call	Height (m) Above Head	Power (kW)	Max Cont μW/cm <sup>2</sup>	Pwr Density μW/cm <sup>2</sup>	% Max Cont
KZGL 3-bay ERI*	54.0000	21.0000	1000.0000	14.4360	1.4436
KAHM 6-bay ERI*	22.0000	58.0000	1000.0000	240.2190	24.0219
K265BU**	52.0000	.087 H	1000.0000	1.0750	0.1075
KVRDFM**	25.0000	0.3000	1000.0000	21.0730	2.1073
KKLD**	32.0000	0.0800	1000.0000	5.9400	0.5940
KGCB 6-bay ERI*	26.0000	58.0000	1000.0000	171.9900	17.1990
K44CN***	9.0000	21.4000	2176.7000	54.7260	2.5142
K38AJ***	11.0000	21.4000	2056.7000	36.6350	1.7813
K40AD***	11.0000	21.4000	2096.7000	36.6350	1.7473
K42AC***	11.0000	21.4000	2136.7000	36.6350	1.7146
K16BP***	32.0000	5.0000	1616.7000	1.0110	0.0625
K34EE***	32.0000	0.8500	1976.7000	0.1720	0.0087
K18DD***	19.0000	3.7600	1656.7000	2.1570	0.1302
K36AE***	5.0000	21.7000	2016.7000	179.7980	8.9155
KAZTTV****	30.0000	8.7100	1000.0000	8.0190	0.8019
KAZT-D***	24.0000	50.0000	1796.7000	29.0020	1.6142
<b>Totals</b>				<b>839.5230</b>	<b>64.7635</b>
<b>Red = FM                      Blue = TV                      Green = DTV</b> * = EPA Type #3, ERI antenna ** = This figure is without regard for the antenna's vertical elevation field value (VEF) toward the nadir, which will cause a reduction in the predicted "worst case" calculations. Worst case calculations were used when an antenna type was unknown, or not studied by the EPA. *** = Assumes use of high gain UHF antenna, with a VEF of 10% toward nadir. **** = Assumes use of high gain VHF antenna, with a VEF of 20% toward nadir.					

The applicant will protect workers on the tower by either reducing ERP or terminating transmission.

Consequently, it appears that the proposed FM station, when using the antenna listed above, will be in full compliance with the Commission's human exposure to radiofrequency electromagnetic field rules and regulations.