**Educational Media Foundation** **Exhibit 13**
5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

## Environmental Effects

Educational Media Foundation ("EMF") certifies that K206AZ complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.

The RF worksheet in the Instructions to form 303-S was unusable to determine compliance for this facility because the facility is shared with several television broadcast facilities. Therefore, EMF used RFHAZ, a commercial software package created by V-Soft Communications, to determine compliance for this site.

According to CDBS, the site is shared with several broadcast facilities on several towers. The individual towers were treated as a single tower for the sake of simplicity. Each facility was evaluated using the RFHAZ software. The results are as follows:

| Call | Channel | COR AGL** | ERP | EPA Antenna used | Max Pub ($uW/cm^2$) | Max | % of Max Pub |
|---|---|---|---|---|---|---|---|
| K206AZ | 206 | 6 | .075 | Dipole/Ring Stub* | 200 | 19.6 | 9.5 |
| K228AG | 228 | 6 | .107 | Dipole/Ring Stub* | 200 | 27.19 | 13.6 |
| K280DZ | 280 | 90 | .053 | Dipole/Ring Stub* | 200 | 0.06 | 0.0 |
| K03CD | 3 | 29 | .011 | 23% field at -90° | 200 | 0.01 | 0.0 |
| K05CK | 5 | 51 | .011 | 23% field at -90° | 200 | 0.00 | 0.0 |
| K11GM | 11 | -21 | .113 | 23% field at -90° | 200 | 3.44 | 1.7 |
| K13GI | 13 | 8 | .113 | 23% field at -90° | 200 | 1.93 | 1.0 |
| Totals | | | | | | 51.69 | **25.8** |

* In the interest of simplicity, these are appropriate worst case antennas. Since the site complies using these worst case values, no more detailed evaluation was performed.

** There appear to be coordinate/elevation discrepancies among the sites. These COR AGL values are the worst-case (lowest) of the data in CDBS or as determined by subtracting the ground elevation obtained from 7.5 minute topographic maps from the COR AMSL as contained in CDBS or from an assumption that the facility must be located at the highest point in the area (determined from topographic maps). Note that K11GM was calculated with a COR AGL of 6 meters.

Based on this evaluation, the site is better than 25.8% of the public (uncontrolled) exposure limits, and therefore fully complies with the FCC's maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.