

Station KLDF-CA • DTV Channel D17 • Lompoc, California

Environmental Statement

Grant of this application would not constitute a major environmental action. The proposed antenna is an existing antenna at an existing broadcast site, side-mounted on a self-supporting tower that does not require an Antenna Structure Registration. No Section 1.1307 conditions triggering major environmental action status are believed to exist.

The proposed operation would comply with FCC guidelines governing human exposure to radio frequency energy. The maximum predicted ground-level radio frequency power density for the proposed operation is 3.4% of the 0.33 mW/cm² public exposure limit applying at TV Channel 17. Since this is less than 5% of the applicable limit, the station is categorically excluded from having to consider the contributions of other radio frequency sources at the site.

When studied on an OET-69 basis using 1 km x 1 km cells and 1 point/km of terrain extraction, the proposed operation is not predicted to cause greater than 0.5% incremental interference to any full-service TV station or Class A station, nor greater than 2% incremental interference to any LPTV or TV Translator station. Processing on that basis is requested.

The proposed site is 211 km from the Los Angeles Land Mobile Channel 16 reference coordinates, well in excess of the required 95 km. The proposed site is 394 km from the Mexican border. Since this is more than 275 km, no Mexican coordination issues should apply.

