

Technical Statement

The attached map depicts the licensed analog 74 dBu and the proposed digital 51 dBu contours. As can be seen on the map, there is no proposed extension of the current analog contour.

Radiofrequency Electromagnetic Field Exposure

The proposed KLMB-LP facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the antenna is located 50 meters above ground level. The proposed ERP of 0.11 kW is assumed. A conservative relative field value of 0.5 was assumed for the Dielectric 16-bay directional antenna's downward radiation. The calculated power density at a point 2 meters (6.6 feet) above ground level is  $0.0004 \text{ mW/cm}^2$ . This is less than 5% of the FCC's recommended limit of  $0.35 \text{ mW/cm}^2$  for channel 23 for an "uncontrolled" environment.

Access to the transmitting site will be restricted and appropriately marked with warning signs. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down.

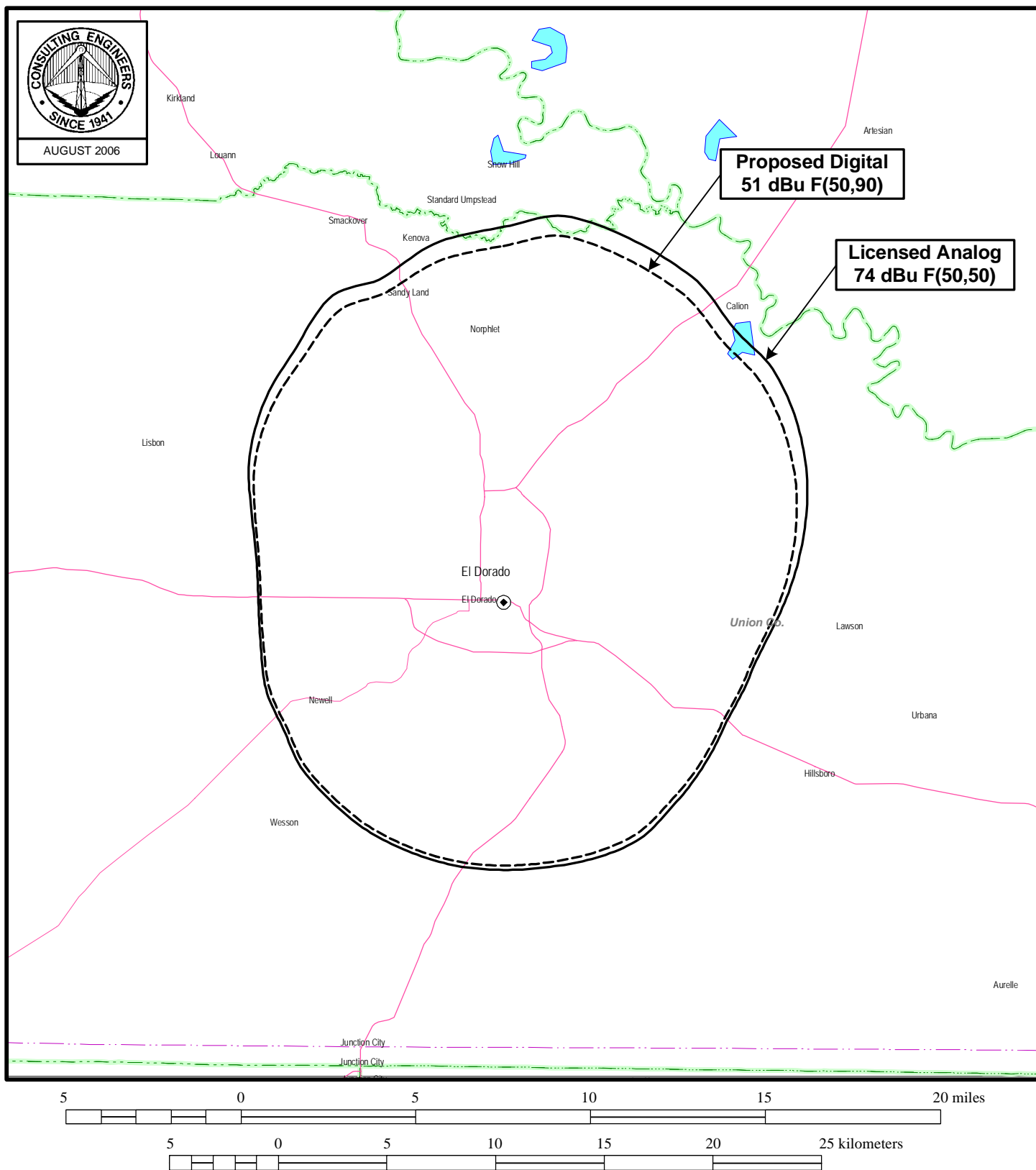
It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner as part of the tower registration process.



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August 3, 2006



## **PREDICTED COVERAGE CONTOURS**

STATION KLMB

EL DORADO, ARKANSAS

CH 23 0.11 KW (MAX-DA)

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