

MODIFICATION OF CONSTRUCTION PERMIT

FILE NO. BNPFTB20101012ABS

FOR KQIE-FM1 BOOSTER

AT BOX SPRINGS MT.

FOR L C MEDIA

DECEMBER 28, 2013

BY:
BEEM CO.
2322 S. SECOND AVE.
ARCADIA, CA 91006

Engineering Statement of Joel T. Saxberg

This CP modification application was prepared for LC Media, licensee of KQIE and KQIE-FM1. LC Media proposed to make a minor change in the location of KQIE-FM1, change the transmit antenna and make a small increase in ERP. The new antenna will be a stacked array consisting of two CL-FMRXV Scala log periodic antennas spaced 0.94 wavelengths, vertical polarization. The ERP will be increased from 45 watts to 95 watts. The booster will not extend the 60 dBu contour of KQIE as shown in the attached contour map (Exhibit 11).

Radiofrequency Electromagnetic Fields – The Radiofrequency electromagnetic fields at two meters above ground level will not approach the MPE for the general public due to the height and low ERP. It is estimated the power density would be less than 2 $\mu\text{W}/\text{cm}^2$. When necessary to riggers to go aloft, LC Media will reduce power or terminate transmissions to insure that workers are not exposed to RF fields in excess of FCC guidelines.

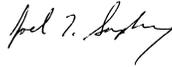
ENGINEERING CERTIFICATION

JOEL T. SAXBERG deposes and says:

1. That he is President of Broadcast Engineering and Equipment Maintenance Company, "**BEEM CO.**", radio engineering consultants. **BEEM CO.** maintains offices at: 2322 S. Second Avenue, Arcadia, CA 91006. Telephone (626) 446-3468
2. That he was graduated from California State University at Los Angeles, February 1966, with a Bachelor of Science degree in Electronic Engineering.
3. That he has submitted many applications to the Federal Communications Commission for broadcast and auxiliary broadcast construction permits and licenses.
4. That his experience in broadcast engineering is a matter of record and he has spent over forty years working in the field of radio engineering.
5. That the attached report was prepared by him or under his direction and supervision. That he believes the facts stated therein to be both true and accurate. Statements that are based on information supplied by others are also believed to be true and accurate.
6. That he has performed field work on AM and FM broadcast transmitting systems throughout this country and continues to provide technical consulting services on a daily basis to broadcasters.
7. That he declares under penalty of perjury the foregoing is true and correct.

Executed
on

12/28/2013



Joel T. Saxberg