

RADIOFREQUENCY RADIATION MEASUREMENT

REPORT

FOR

KYSR/ KCRW/ AND KIBB AUX. SITE

JULY 1997

BY: BEEM COMPANY
ARCADIA, CA
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ENGINEERING STATEMENT OF JOEL T. SAXBERG

On July 21, 1997 I made radiofrequency radiation measurements around the KYSR(FM), 98.7 MHz, KCRW(FM) 89.9 MHz, and the auxiliary transmitting site of KIBB, 100.3 MHz which is located on Briarcrest summit near Beverly Hills, California. The KYSR site is an active developed communications site. KYSR operates with an ERP of 75 kW using a Jampro 4 element antenna and KCRW operates with an ERP of 6.9 kW using a ERI 2 element antenna. Additionally, KCRW has an auxiliary 2 element $\frac{1}{2}$ wavelength spaced ERI antenna mounted on a separate tower and there is an auxiliary directional 3 element Shively for KIBB mounted on the KYSR tower. The main antenna for KCRW and the auxiliary antenna for KIBB are mounted on the KYSR tower. The auxiliary KCRW antenna is mounted on a separate tower on the west side of the site. The transmitter site is fenced and access to the site is through a locked gate. Site access is for authorized personnel only. Adjacent to the KYSR complex to the west are transmitting facilities and a water tank for the Los Angeles Department of Water and Power.

Radiofrequency radiation measurements were made at the site, along the road to the south of the site and down to the entrance. Radiofrequency radiation survey measurements were made using a Narda Model 8718 RF Radiation Survey Meter (s/n 01559) and a Model 8742 "E" field shaped probe (s/n 03004). Measurements were made by methodically sweeping the area within the KYSR/KCRW fenced compound, then sweeping the area outside the fenced facilities.

Readings of less than 10% (0.1 mW/cm^2) were obtained throughout the KYSR/KCRW fenced areas and readings of less than 5% (0.05 mW/cm^2) were obtained outside along public access areas.

Readings were taken on the roof of the KYSR transmitter building and one area on the northeast corner of the roof in front of a cellular array the "E" field value exceeded 100%. All other portions of the roof showed no indications of excessive RF levels. The area on the KYSR roof will be marked and posted by the station engineer.

The site was measured a second time with KYSR, KCRW (on auxiliary antenna), and KIBB (on auxiliary antenna) which represents a "worst case" radiofrequency radiation situation. All on-site measurements were less than 30% (0.3 mW/cm²) and all off-site measurements were less than 5% (0.05 mW/cm²).

The measured power density levels at and around the KYSR/KCRW(FM) transmitter site indicate that this facility meets radiofrequency radiation requirements.

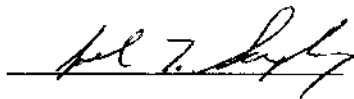
ENGINEERING CERTIFICATION

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 (818) 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. He received a MS degree in Electronic Engineering Technology in August 1996.
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 thirty years working in the field of radio engineering.
5. That the attached engineering exhibit and reports were 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

7/21/97



Joel T. Saxberg