

Comprehensive Engineering Exhibit
Citicasters Licenses, L.P.
KRUF (FM) FID: 60265
August 11, 2005

This application seeks a minor modification to construction permit BPH-20040112ACK, specifying a location 35 meters lower than approved on the Construction Permit.

Spacing

KRUF is to be located on the existing tower known by antenna structure registration number: 1022487. This application requests a height of 453 meter, the present approval is for a location 488 meters above ground level on this same tower. This new height results in a height above average terrain of 473 meters. As can be seen in *Table 1* below, the proposed site is fully spaced pursuant to Section 73.207 to all relevant stations except KSOC and KWEL-FM with which spacing pursuant to Section 73.215 of the Commissions rules is requested. *Figure 1* demonstrates that the proposed KRUF facilities will meet 73.215 contour requirements.

Table 1

ComStudy 2.2 search of channel 233 (94.5 MHz Class C) at 32-39-57.0 N, 93-55-58.0 W.

Callsign	State	City	Chnl	ERP_w	Class	Status	Dist_km	Sep	Clr
KSOC	TX	GAINESVILLE	233	100000	C	APP	287.28	290	-2.7 ¹
KSOC	TX	GAINESVILLE	233	78000	C	LIC	287.28	290	-2.7 ²
KSOC	TX	GAINESVILLE	233	100000	C	APP	287.28	290	-2.7 ³
KEWL-FM	TX	NEW BOSTON	236	22000	C2	APP	103.79	105	-1.2 ⁴
KVLL-FM*	TX	WELLS	234	0	C2	USE	188.05	188	0
KNCB-FM	LA	VIVIAN	287	3200	A	LIC	29.59	29	0.6
KEWL-FM	TX	NEW BOSTON	236	25000	C3	LIC	96.91	96	0.9
KNCB-FM	LA	VIVIAN	287	0	A	USE	30.13	29	1.1
	LA	HODGE	231	0	C2	APP	106.65	105	1.7
	TX	HOOKS	231	0	A	APP	98.16	95	3.2
KVLL-FM	TX	WELLS	234	50000	C2	LIC	191.09	188	3.1
KSBH	LA	COUSHATTA	235	0	C2	USE	108.97	105	4

¹ 73.215 spacing requested

² 73.215 spacing requested

³ 73.215 spacing requested

⁴ 73.215 spacing requested

Radio Frequency Radiation Study and Statement

The proposed facilities were evaluated in terms of potential radiofrequency radiation exposure at ground level in accordance with OST Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation."

The proposed antenna system will be an ERI 10 section full-wave spaced antenna, mounted with its center of radiation 453 meters above ground level, and will operate with an effective radiated power of 100 kilowatts in both the horizontal and vertical planes. At two meters above ground level, at a distance of 110 meters from the base of the tower, this proposal will contribute worst case, 1.69 microwatts per square centimeter, or 0.16% of the allowable ANSI limit for controlled exposure, and 0.8% of the allowable limit for uncontrolled exposure.

It is therefore believed that regardless of the contribution of other users of the tower, this proposal is in compliance with OST Bulletin Number 65 as required by the Federal Communications Commission.

The applicant will cooperate with other users of the tower site to reduce power of the facility, switch antenna, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.

Figure 1

