

ENGINEERING EXHIBIT
KIZZ(FM) FACILITY ID#: 15968
CLEAR CHANNEL BROADCASTING LICENSES, INC.
MINOR CHANGE APPLICATION

KIZZ(FM) seeks by this minor change application to operate a combined antenna with co-owned station KZPR(FM). The antenna is located with a center of radiation at 135 meters above ground on a tower identified by antenna structure registration number 1205086. By separate FCC 301 application for minor change, the coordinates and elevation data for station KZPR will be “corrected” to agree with that of the antenna structure registration.

From this proposed location KIZZ(FM) will be fully spaced (Section 73.207) to all known stations, applications and allocations as demonstrated in Table 1 below.

The proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, “Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation.”

The proposed antenna system is an EPA type 3, 12- bay, 0.94 wavelength spaced, “Rototiller “ antenna, mounted with its center of radiation 139 meters above ground level, and will operate with an effective radiated power of 100 kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 48 meters from the base of the tower, this proposal will contribute worst case, 1.87 microwatts per square centimeter, or 0.187 percent of the allowable ANSI limit for controlled exposure, and 0.935 percent of the allowable limit for uncontrolled exposure. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The site itself is restricted from public access. The applicant will cooperate with other users of the tower to reduce power of the facility, 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.

Table 1

ComStudy 2.2 search of channel 229 (93.7 MHz Class C1) at 48-03-11.0 N, 101-26-04.0 W.										
Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Dist_km	Sep	Clr
KIZZ	ND	MINOT	93.7	229	98000	C1	LIC	20.04	245	-225
	ND	BELFIELD	93.9	230	0	C1	APP	185.78	177	8.8
NEW	ND	BISMARCK	93.7	229	100	LP100	CP	146.94	111	35.9