CORRECTION OF COORDINATES/
MINOR CHANGE APPLICATION
APEX BROADCASTING, INC.
KTSR (FM) RADIO STATION
CH 221C3 - 92.1 MHZ - 13.5 KW
DE QUINCY, LOUISIANA
May 2006

EXHIBIT B

Radio Frequency Assessment

A study has been made to determine whether this proposal is in compliance with 47 C.F.R. §1.1307 of the Commission's rules and with OET Bulletin #65, dated August 1997 ("Bulletin"), regarding human exposure to radio frequency radiation in the vicinity of broadcast towers. This study considers all nearby contributing stations, specifically the co-located LPTV station KFAM-LP, and pending applications for a new LPTV station on Channel 25 ("Channel 25") and new FM translator on Channel 261D ("Channel 261D"), and utilizes the appropriate formulas contained in the OET Bulletin.[1]

The corrected/proposed KTSR antenna system will be mounted with its center of radiation 132.6 meters (435.0 feet) above the ground at the proposed tower location and will operate with an effective radiated power of 13.5 kilowatts in the horizontal and vertical planes (circularly polarized). At 2.0 meters, the height of an average person above the ground at the base of the proposed tower, the KTSR antenna system will contribute 0.0318 mw.[2] Based on

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1) The contributions of all the FM facilities were calculated using the FM Model program. A single bay EPA dipole antenna was used for calculation purposes. In cases where the number of bays of the antenna was known, this data was used in the FMModel program. The TV antenna heights are based on the stations center of radiation above sea level minus the ground elevation at the site, based on the antenna structure registration.

2) This level of field occurs at 35.0 meters out from the base of the tower and is considered worst case.

exposure limitations for controlled environments, 3.2% of the allowable limit is reached at 2.0 meters above the ground at the base of the proposed tower. For uncontrolled environments, 15.9% of the limit is reached at 2.0 meters above the ground at the base of the tower.

The KFAM-LP, Channel 14, antenna system will be mounted with its center of radiation 168.5 meters (552.8 feet) above the ground at the tower location and will operate with an effective radiated power of 150 kilowatts in the horizontal plane. At 2.0 meters, the height of an average person above the ground at the base of the tower, the KFAM-LP antenna system will contribute 0.1121 mw. Based on exposure limitations for a controlled environment, 7.2% of the allowable ANSI limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 35.8% of the ANSI limit is reached at 2.0 meters above the ground at the base of the tower.

The proposed Channel 25 antenna system will be mounted with its center of radiation 99.5 meters (326.4 feet) above the ground at the tower location and will operate with an effective radiated power of 2.5 kilowatts in the horizontal plane. At 2.0 meters, the height of an average person above the ground at the base of the tower, the Channel 25 antenna system will contribute 0.0054 mw. Based on exposure limitations for a controlled environment, 0.3% of the allowable ANSI limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 1.5% of the ANSI limit is reached at 2.0 meters above the ground at the base of the tower.

The proposed Channel 261D antenna system will be mounted with its center of radiation 151.0 meters (495.0 feet) above the ground at the proposed tower location and will operate with an effective radiated power of 0.115 kilowatt in the horizontal and vertical planes (circularly polarized). At 2.0 meters, the height of an average person above the ground at the base of the proposed tower, the Channel 261D antenna system will contribute 0.00021 mw.[3] Based on exposure limitations for controlled environments, <0.1% of the allowable limit is reached at 2.0 meters above the ground at the base of the proposed tower. For uncontrolled environments, 0.1% of the limit is reached at 2.0 meters above the ground at the base of the tower.

Combining the contributions of KTSR, KFAM-LP, Channel 25 and Channel 261D, a total of 53.3% of the limit for un-controlled environments is reached at two meters above the ground at the base of the tower. Since this level is below the 100% limit defined by the Commission, the corrected/proposed KTSR facility is believed to be in compliance with the radio frequency radiation exposure limits as required by the Federal Communications Commission. Further, Apex will insure warning signs are posted in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, Apex will reduce the power of the proposed facility or cease operation, in cooperation and coordination with other tower users, as necessary, to protect persons having access to the site, tower or antenna from radio frequency radiation in excess of FCC guidelines.

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3) This level of field occurs at 40.0 meters out from the base of the tower and is considered worst case.