

MINOR CHANGE APPLICATION
SJL OF PENNSYLVANIA LICENSE SUBSIDIARY, LLC
WICU-DT DTV STATION
CH 12 - 204-210 MHZ - 5.4 KW
ERIE, PENNSYLVANIA
March 2008

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 utilizes the appropriate formulas contained in the OET Bulletin and considers all nearby facilities, specifically TV station WSEE-DT.

The proposed WICU-DT Channel 12 antenna system is/will be mounted with its center of radiation 231.0 meters (758 feet) above the ground at the tower location and will operate with an effective radiated power of 5.4 kilowatts in the horizontal plane. At 2.0 meters above the ground at the base of the tower, the height of an average person, the WICU-DT antenna system will contribute 0.0014 mw/cm². Based on exposure limitations for a controlled environment, 0.1% of the allowable ANSI limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 0.7% of the ANSI limit is reached at 2.0 meters above the ground at the base of the tower.

The authorized WSEE-DT Channel 16 antenna system is mounted with its center of radiation 195.0 meters (640 feet) above the ground at the tower location and operates with an effective radiated power of 75.0 kilowatts in the horizontal plane. At 2.0 meters above the ground at the base of the tower, the height of an average person, the WSEE-DT antenna system contributes 0.0269 mw/cm². Based on exposure limitations for a controlled environment, 1.7% of the allowable ANSI limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 8.4% of the ANSI limit is reached at 2.0 meters above the ground at the base of the tower.

Combining the contributions of WICU-DT and WSEE-DT, a total of 9.1% of the limit for uncontrolled environments is reached at 2.0 meters above the ground at the base of the tower. Since this level for uncontrolled environments is less below the 100% limit, the proposed WICU-DT facility is believed to be in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. Further, SJL will insure that warning signs are posted in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, SJL will reduce the power of the 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.