

AMEND BMLH-20040831AAL
DOUBLE O CENTRAL NEW YORK CORPORATION
WDHI RADIO STATION
CH 262A - 100.3 MHZ - 1.6 KW
DELHI, NEW YORK
December 2004

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 and utilizes the appropriate formulas contained in the OET Bulletin.⁴

The WDHI antenna system is mounted with its center of radiation 53.0 meters (173.9 feet) above the ground at the existing tower location and operates with an effective radiated power of 1.6 kilowatts in the horizontal and vertical planes (circularly polarized). At two meters, the height of an average person, above the ground at the base of the tower, the WDHI antenna system contributes 0.0247 mw.⁵ Based on exposure limitations for a controlled environment, 2.5% of the allowable ANSI limit is reached at two meters above the ground at the base of the tower. For uncontrolled environments, 12.4% of the ANSI limit is reached at two meters above the ground at the base of the tower.

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- 4) The FMModel Program was used for all calculations for the FM station contributions. The EPA single bay dipole antenna was used, unless otherwise noted.
- 5) This level of field occurs at 15.0 meters out from the base of the tower and is considered worst case.

Since this level for uncontrolled environments is below the 100% limit defined by the Commission, the WDHI facility is believed to be in compliance with the radio frequency radiation exposure limits as required by the Federal Communications Commission. Further, Double O will insure that warning signs in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, Double O 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. Based on the above factors, this proposal is categorically excluded from environmental processing pursuant to §1.1306 of the Commission's rules.