

EXHIBIT D

POWER DENSITY CALCULATION

PROPOSED WFXT-DT AUXILIARY
CHANNEL 31 – BOSTON, MASSACHUSETTS

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Boston facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 78 kw, an antenna radiation center 328 meters above ground, and assuming a vertical relative field value of 20 percent at the steeper elevation angles for the Shively antenna, maximum power density two meters above ground of 0.00098 mw/cm^2 is calculated to occur near the base of the tower. Since this only 0.3 percent of the 0.38 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 31 (572-578 MHz), a grant of this proposal may be considered a minor environmental action with respect to public and occupational ground-level exposure to nonionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive nonionizing radiation.