EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED W29CF-D
CHANNEL 20 – HEMPSTEAD, NEW YORK

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Hempstead facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 5.0 kw, an antenna radiation center 29 meters above ground, and the vertical pattern of the Andrew antenna, maximum power density two meters above ground of 0.014 mw/cm^2 is calculated to occur 13 meters southwest of the base of the tower. Since this is only 4.2 percent of the 0.34 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 20 (506-512 MHz), this proposal may be excluded from consideration with respect to public 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.