

EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED KQUP
CHANNEL 47 – COEUR D'ALENE, IDAHO
[MODIFICATION OF BPTTL-20010116AEY]

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Coeur D'Alene facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 11.0 kw, an effective antenna height of 13 meters above ground, and the vertical pattern of the SWR antenna, maximum power density two meters above ground of 0.037 mw/cm^2 is calculated to occur 78 meters northwest of the tower. Since this is 8.3 percent of the 0.45 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 47 (668-674 MHz), this proposal may be considered a minor environmental action.

However, since the calculated RF value exceeds five percent of the FCC standard, Pullman Broadcasting will conduct a power density survey of the site in order to ascertain its actual contribution to the RF environment once the facility is constructed, if it is determined that areas would exist where levels of RF from all contributors exceed the maximum permissible exposure guideline. Based on that survey, appropriate action will be taken to ensure the safety of those in and around this site.

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.