

EXHIBIT 9.0

Formula (7) from Section II of OET 65:

$$S = (2.56) (EIRP) / (4) (\pi) (R)^2$$

where:

S = Highest power density (mw/cm²) at ground level

R = Distance from center antenna to ground in cm,

EIRP = 1.64 times ERP relative to dipole in mw,

Max field 0.10 used in calculation

MAX S = 1.00 mw/cm² for TV Channel 9

ERP = (0.4 times visual plus aural, times field factor².)

Station: K09XW proposed, with ant. 18 m and Visual power 2 kw

$$S = \frac{(2.56) (1.64) (1000) [(0.4) (1,500) + (0.330)] (0.100)^2}{(4) (3.14) (1,830)^2}$$

S = 0.00093 mw/cm², 0.093 % of Controlled Exposure allowed.

S = 0.00093 mw/cm², 0.464 % of Uncontrolled Exposure allowed.