

EXHIBIT 2**CALCULATION OF OCCUPATIONAL RADIATION EXPOSURE
(CONTROLLED ENVIRONMENTS)**

$$P \text{ (mw/cm sq)} = 33.4 \times .1 \times .1 \times .5 \times 30 / 3.4 \times 3.4 = .040$$

Maximum allowed = .10

**CALCULATION OF PUBLIC RADIATION EXPOSURE
(UNCONTROLLED ENVIRONMENTS)**

$$P \text{ (mw/cm sq)} = 33.4 \times .1 \times .1 \times .5 \times 30 / 10.2 \times 10.2 = .005$$

Maximum allowed = .20