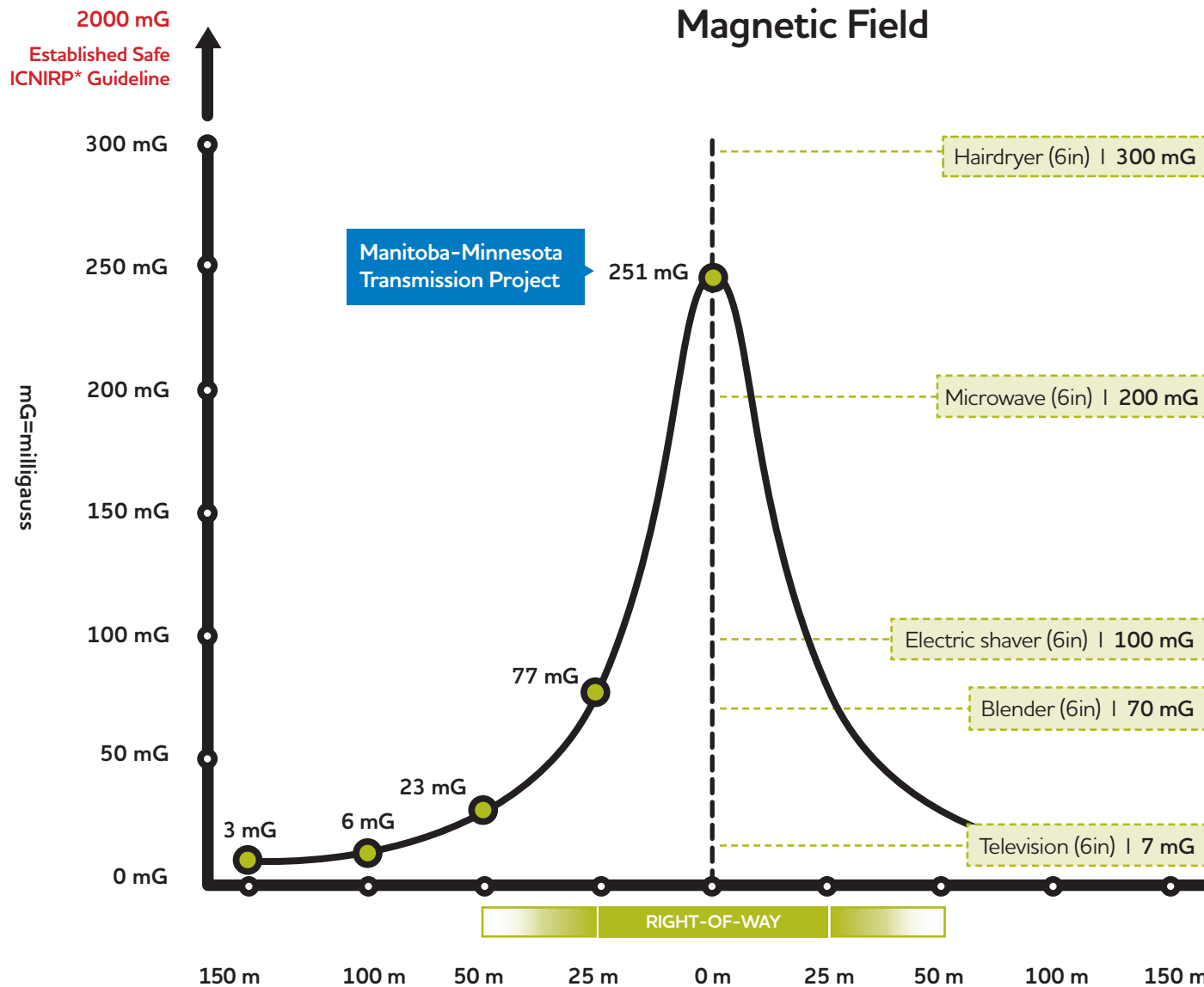


Manitoba-Minnesota Transmission Project



EMF decrease rapidly with distance from the source

Exposure to magnetic field directly beneath a 500 kV transmission line is similar to that of a hairdryer or a microwave at a distance of 6 inches.

This figure represents magnetic fields 1.0 m above ground for a preliminary 500 kV line design.

*International Commission on Non-Ionizing Radiation Protection (ICNIRP) www.icnirp.org

ICNIRP Guidelines for Limiting Exposure to Time-Varying Electric and Magnetic Fields (1 Hz – 100 kHz). Published in: Health Physics 99(6): 818-836; 2010

