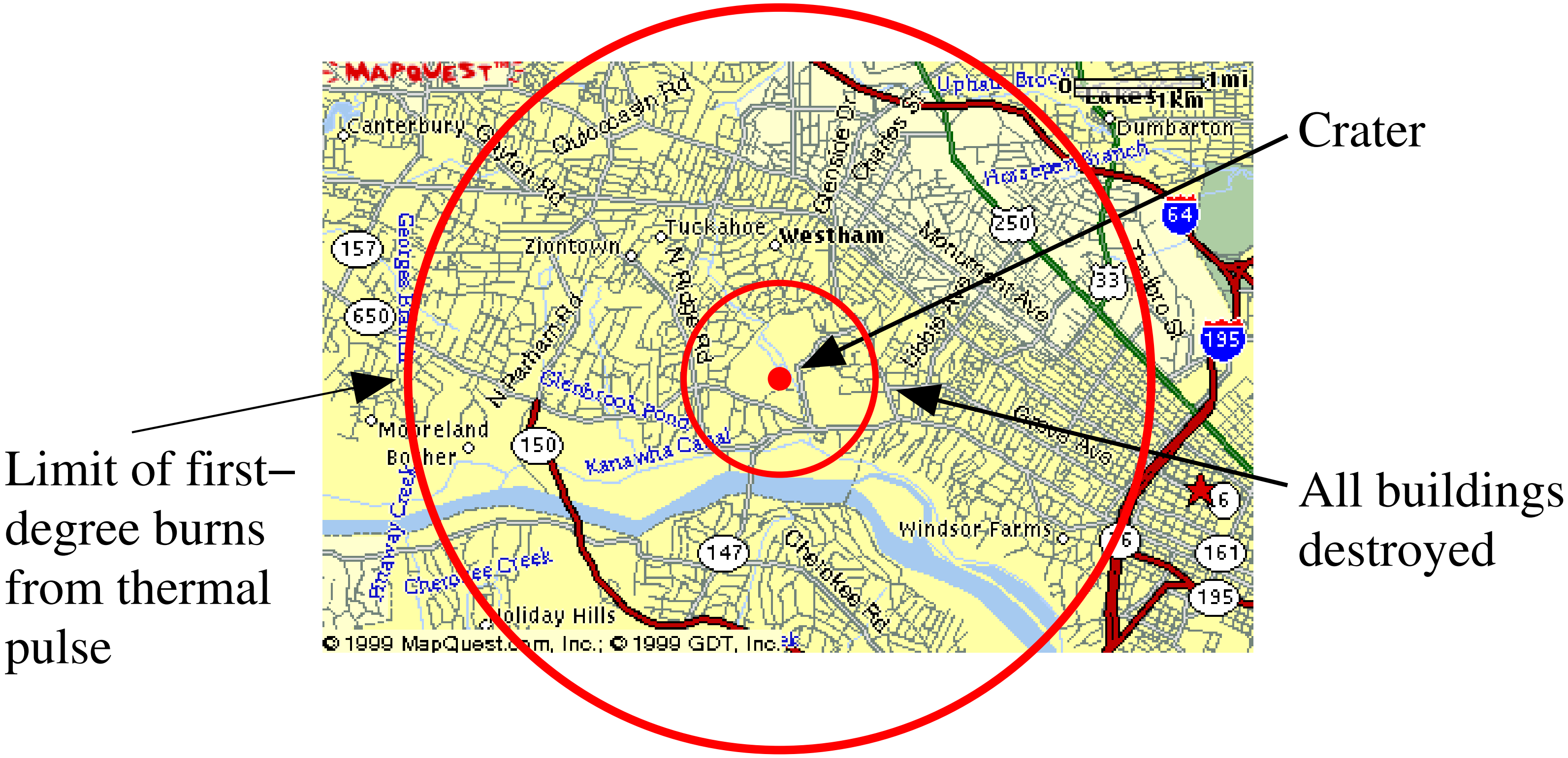
Nuclear Weapons 101

- A nuclear explosion releases huge amounts of energy. The picture below illustrates the effect of a 20 kiloton blast (about the size of the bomb used at Nagasaki) dropped on the Gottwald Science Center.



- The energy is emitted as heat, radiation, and blast. The red dot in the center is the size of the crater. The first red circle is the limit where essentially all buildings will be destroyed. The outer circle is the limit where the heat and radiation will cause first-degree burns.