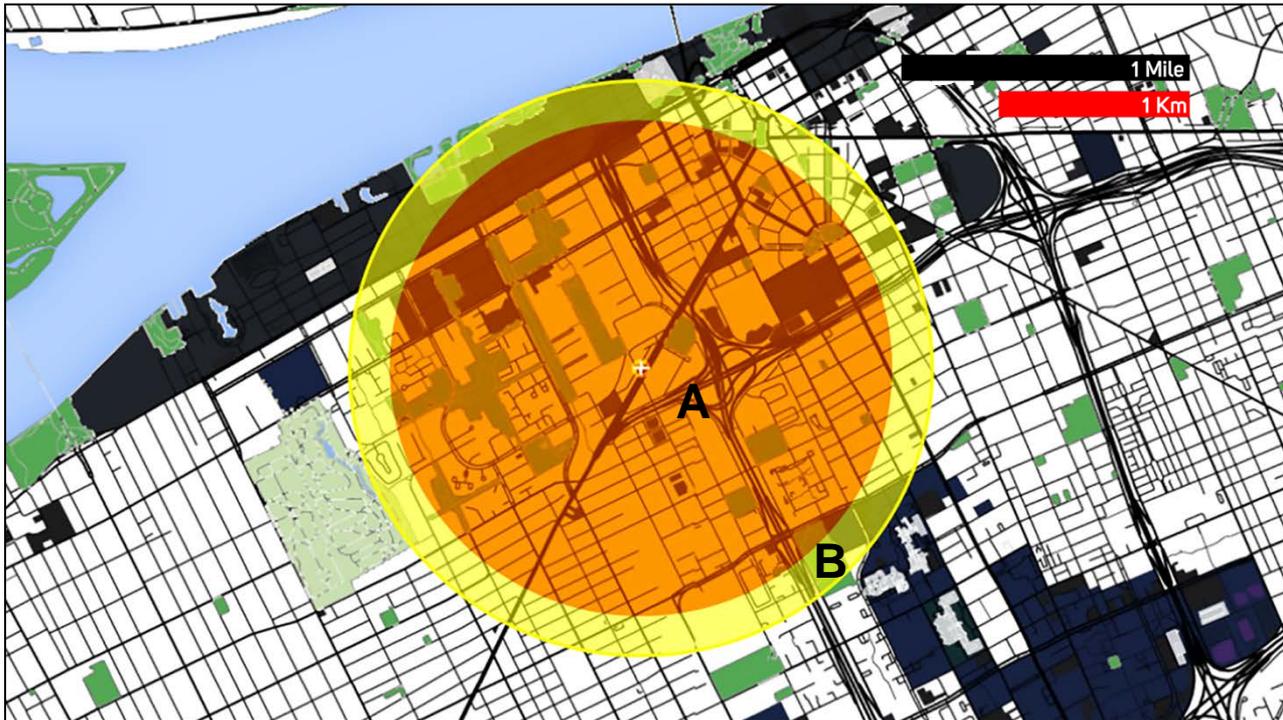




Predicted Prompt Effects of Nuclear Detonation on Population



A	<p>SURVIVAL UNLIKELY</p> <p>Few, if any, unprotected survivors. Survivors possible in intact shelters.</p> <p>Total Population: 11,200 Area: 5.7 km² Extent: 1.3 km</p>
B	<p>SURVIVAL POSSIBLE</p> <p>Numerous injuries with increasing rate of fatality moving inward. Immediate assistance will greatly improve survivability.</p> <p>Total Population: 25,300 Area: 8.2 km² Extent: 1.6 km</p>

Assumptions:

- Assumes 10 kt detonation at 0 ft elevation.
- Areas shown are model predictions based on an estimated source term but no measurements.
- Radioactive cloud has passed area displayed, radiation from fallout remains a serious hazard.

Notes:

- There may be ongoing dangerous radiation levels due to fallout (see Predicted Dangerous Fallout Zone (DF) product).
- Use in conjunction with Predicted Damage Response Zones product for planning areas to focus available resources.
- Effects are committed within a few seconds after detonation.
- Some immediate survivors may have been fatally exposed to radiation.
- Effects are not uniformly radial as shown. Effects may intensify or diminish due to buildings and structures.
- Those in substantial shelters have increased survivability
- Population cited is total exposed, not number of casualties.