

Cs-134 (depends on fuel age)				
Others based on fuel composition and age chosen				

5.2.3 Criticality issues – can it happen under the conditions of the attack?
 Effect of adding water (from fire fighting efforts) on criticality?

5.3 Estimation of population profiles

5.3.1 Generic rural area distribution (per unit area)

5.3.2 Generic urban area distribution (per unit area)

5.3.3 Buildings

- Type
- Distribution
- Configuration

5.4. Dose estimates

5.4.1 Maximum individual dose

- Direct exposure (external)
- Committed dose from inhaled radionuclides

What methodology do we use to calculate internal doses – ICRP 72 etc. or ICRP 60?

5.4.2 Population dose estimates

Table 7.

	Urban	Rural

Rural (fewer than XXX per km²)

5.5 Estimation of health risks

5.5.1 Generic rural area

5.5.2 Generic urban area

5.6 Environmental damages

5.6.1 Generic rural area

5.6.2 Generic urban area

5.7 Socio-economic issues

5.7.1 Generic rural area

5.7.2 Generic urban area

5.8 Ranking of impacts

5.9 Potential Mitigation measures to reduce

5.9.1 Health risks

- Evacuation or sheltering of population
- Rapid control of source
- Control food distribution and consumption
- Cleanup

5.9.2 Environmental damages

- Rapid control of source
- Cleanup

5.9.3 Socio-economic impacts

- Education of population
- Messages from authorities
- Cleanup

5.10 Conclusion