

ALARA: planning vs real situation

- Be prepared (i.e. emergency plans) but have tools/processes to refine, have flexibility (accept you can never be fully prepared, “anything can happen”)
- Planning optimised/in real situation look for robust solutions
- Process to implement further measures when needed (e.g. Border measurements, Ad hoc protocols)
- Involve wide range of SH in planning: local/technical community/government/others, also using existing networks
- build radiation protection culture of all people (e.g. local people understand risks how to protect themselves etc. Take accident seriously)

Acting in Emergency

- ALARA is in the preparation/planning, in ongoing emergency beyond prediction (e.g. beyond planned distance) ALARA implicit in sensible decisions
- National emergency plan and exercised? Clear arrangements
- Look for robust solutions
- Communication: care centres, webpages
- Many difficulties, see slide 4

How to react if situation goes beyond prediction

- Either beyond planning or incompatible with actions taken (clarification)
- Adapt plan robustly to extent possible according to resources available
- Discussed:
 - Communicate, seek assistance (international)
 - Find a measure non-disruptive can be managed (e.g. sheltering?)
 - Plan extendibility/escalation e.g. to identify further resources

Difficulties

- Unknowns
- Protocols for borders import/export
- Iodine distribution
- Evacuation vulnerable to disruption: logistics
- Communication: building, regaining and keeping trust, finding trusted individuals
- Explaining health/risk
- Missing competencies from social sciences/humanities
- Resources (international assistance, esp. small countries)
- etc