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