

The logo for IRSN, featuring the letters 'IRSN' in a bold, red, sans-serif font. The 'I' and 'R' are solid red, while the 'S' and 'N' have a blue-to-white gradient fill.

INSTITUT
DE RADIOPROTECTION
ET DE SÛRETÉ NUCLÉAIRE

Faire avancer la sûreté nucléaire

14th European ALARA Network Workshop

Contaminated Goods and Foodstuffs

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Current system

- Codex Alimentarius
- European Regulations
- National Regulations (e.g. Japan)
- A unique tool: MPL
- Nothing for other goods

Many questions raised about foodstuffs

- Normal / Abnormal situations
- Parameters (dose reference, part of the diet contaminated...)
- Consumption / Trade
- Dilution or not
- Compliance (point of control; systematic/random; indicative/mandatory)
- “Grey” products (<MPL)

First IRSN reflections

- Global strategy for the protection of the population (all pathways taken into account)
- Management of foodstuffs according to space and time
- Need to continue the reflection for other goods and waste

Nearby area

- Concern = protection + trade (exportation)
- Many pathways of exposure
- Ingestion = main pathway
- No measurement during emergency phase

- Proposed way of management:
 - 1. Ban = protection of both the population and the image of the products (keep confidence)
 - Cannot stay for a long time (1 cycle of production?)
 - 2. Shifting to a quality strategy when moving in space and/or time
 - Indicators decreasing as control is recovered
 - Systematic verification of compliance
 - Transparency + support for self-help protective actions

International area

- Concern = trade (importation) and not protection
- Ingestion = the only pathway
- Dose = very low

- Proposed way of management:
- Quality strategy warranted
- Maximum permissible levels (MPL)
- Set for a good quality whatever time and location
- In force as long as foodstuffs on the market may be contaminated
- Numbers not expected to change with time
- Random verification of compliance

And now?

- Such an approach should be discussed and consolidated
- With relevant stakeholders (producers, traders and consumers)
- European call: WP 3 on Consumer goods (14 participants, IRSN leader)
- NERIS-WG: 1st meeting in Paris, 25-26 October 2012
- NEA/CRPPH/EGRPF sub-group: 1st meeting in Paris, 8-9 October 2012

Thank you for your attention