Possible interactions between IGD-TP and an expertise network of European NSAs and TSOs

IGD-TP's Exchange Forum N°4

SITEX Project – 29-30/10/2013

Context:

WP2.1

Identification of the areas where development and harmonization of technical guidance is needed in priority

Identification of WMOs' Needs

- What types of interactions between IGD-TP and an expertise network of European NSAs and TSOs would have an added value in the context of the IGD-TP Vision?
  - implementation of WENRA SRL's, ICRP publications, IAEA requirements, …
  - needs for guidance development (topics & programme phases to be covered, requirements to be adressed, …)
  - other?

- Questionnaire sent to IGDTP
  - Only one answer from ONDRAF/NIRAS

NIRAS's answer (1)

- ICRP principles
  - Optimisation
    - safety attributes vs prevailing circumstances
  - Justification
    - Retrievability
- Protection of the current & future generations
  - Retrievability vs balancing the potential detrimental effects over different generations
- Passivity

NIRAS's answer (2)

- Environment and non-radiological issues
  - How to deal with conflicting requirements between radiological and non radiological (if any)
  - Which weight for non-radiological protection in the optimisation process?
  - Specific discussion on non human biota.
- Prevention of accidents and management of accidents
  - fire safety management, nuclear waste transport along shafts/ramps & underground, repository ventilation

NIRAS's answer (3)

- Stepwise approach
  - Interfaces e.g. between operational LT phases
- Management
  - Responsibilities & interactions between different institutional bodies
- Site
  - Optimisation
- Indicators & criteria
  - How to implement ICRP 122? Need for regulatory guide?

What next?

- Two options:
  1. Ondraf NIRAS answer considered as an unique input?
     - Representativeness?
     - Priorities?
  2. Answer on the name of IGDTP, within a few weeks, to the question:

     What types of interactions between IGD-TP and an expertise network of European NSAs and TSOs would have an added value in the context of the IGD-TP VisionNeeds?