

Working Group 2

Results, discussions,
recommendations

Discussions

We discussed

- (a little) the issue of recycling/reuse in the NORM area
- more about the recycling/reuse from planned exposure situations (practices)

Reuse within the controlled area (good examples from some countries) 1st option

Holistic approach (involve stakeholders and take due account of all influencing factors)

Operational quantities important but the process to establish, use and control is even more important

Discussions

We discussed

Traceability: in practice, very often the cleared material /waste stream is followed-up – people encountering mtrl informed

Many places radioactivity is today measured & detected – information/authority approvals (paper work)

Quality control: graded approach, accept uncertainties in sampling and measurement equipment but radioactive material should not show up in the wrong place

Conclusions/ Recommendations

Member States

A1 Optimisation should be addressed and performed before release/recycling is applied

A2 Stakeholder involvement and openness and transparency are essential elements in the optimisation process (open end)

Conclusions/ Recommendations

International community (EC/IAEA/NEA)

B1 Recommend to not use a collective dose concept in the optimisation process but rather distribution of doses, time, risks (also non-radiological risks) in the optimisation process

B2 To work out guidance for the application of optimisation in connection with optimisation/ALARA in connection with recycling and reuse

Conclusions/ Recommendations

International community (EC/IAEA/NEA)

B3 Give practical guidance on how clearance can be performed at levels above the minimum levels as given for example in GS-R 1.7

Participants

- Francois Drouet CEPN France
- Ulrich Erlicher PSI Switzerland
- Joerg Feinhals TÜV Nord Germany
- Klaus Flesch IAF – Rad. Ök. Germany
- Augustin Janssens EC Luxembourg
- Tommy Hansson Vattenfall Sweden
- Ingemar Lund SSI Sweden
- Olvido Guzman NSC Spain
- Savidou Anastasia NCSR “Dem” Greece
- Stavros Seferlis GAEC Greece
- Ludovic Vaillant CEPN France
- Jérémie Vallet ASN France