



Working Group 1

“Dealing with doses”

WG 1 Recommendations (1)

- Worker doses seem to be the most important for ALARA assessments. Public doses are more hypothetical. We have to take into account a good balance between the distribution of public and worker doses. Lowering just small public doses (often hypothetical) must be carefully balanced with a potential increase of (real) worker doses.
- For waste management facilities (repository) to be operated over several tens of years (maybe longer) it is necessary to plan with dose values well below the limits as safety indicators.
- It seems that more education and training is done in the nuclear sector as compared to the other sectors. Therefore an increase in education and training for non-nuclear facilities (large number) seems to be necessary .

WG 1 Recommendations (2)

- An assessment of dose distributions maybe appropriate where ever a large number of workers is involved
 - dismantling
 - NORM
 - and medical sector
- In order to gain public acceptance and to assess the overall impact it might be useful to perform a holistic approach assessing the doses in different fields and under dif (handling, transportation and external storage)

WG 1 Recommendations (3)

- A Harmonization of regulations is necessary from the ALARA point of view
 - Differences between transportation regulations and radiation protection laws
 - Presence or absence of clearance values in the regulations of different countries
 - Drivers are sometimes regarded as workers (radioactive waste sector) and sometimes as members of the public (NORM). This is also a problem in trans-boundary transportation and when employing workers in different countries.