TM-45853

Technical Meeting of the International Project on Human Intrusion

in the Context of Disposal of Radioactive Waste (HIDRA)

- WG2 : Societal factors

status report 8th November

04 – 08 November 2013

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International Atomic Energy Agency

Status/accomplishments WG2

- Have had fruitful discussions on societal aspects and the objectives and topics to be included in the Chapter on Societal factors.

- Renamed headings and organised the Chapter on societal factors to be consistent with the HI figure, to use same terminology as WG 3 for measures related institutional control and knowledge management.

- Taken care of many of the comments on existing draft and worked with editorials on existing draft

- Discussed and agreed on layout for the communication section (last section on the societal factor Chapter)

- Starting the writing on the communication section

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Objectives of WG2

1. How societal factors can be used in selection of scenarios i.e. what societal factors should be included and what are our recommendations regarding these factors

2. How to preserve knowledge throughout the life cycle of the radioactive disposal facility

3. Effective communication of human intrusion scenarios

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Changes in content from initial draft

- Tried to couple the text to the PRISM figure, to visualize when different aspects of Societal aspects are important and how to communicate at different stages of the disposal facility.

- Added the aspect of involving local societies in creating the HI scenarios

- Otherwise, although of course much has happened on editorial parts main assumptions are the same, i.e.
  - Only inadvertent intrusion should be considered
  - The same technological and societal development as today are recommended to be applied in HI scenarios
  - Globally available technology should be considered since developing countries are likely to have access to this technology in the time spans considered in HI scenarios
  - Effort should be made to preserve knowledge for longer periods than can be accounted for in the HI scenario analysis

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Glossary

Words we identified as important to define:

- unintentional actions
- Institutional control
- Active control
- Passive control

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Potential overlaps

- Institutional control are discussed by WG 2 as a way to preserve knowledge, is also discussed by WG 3 and in Chapter 6. Other aspects of knowledge management are also discussed by both WG 2 and 3.

- Probabilities are discussed by both WG 1 and WG2. Should this be put in higher level parts of the document?

- Participation of local stakeholder in creation of scenarios in creation of scenarios (we mention this in communication block (should this be mentioned also in WG2).

Workplan

- Directly after this meeting
  - Combine text drafts into one document (Eva)
  - Give feedback to WG 3 on the database (WG2, Eva)
  - Circulate draft Chapter for initial comments to WG members (WG2)
  - Circulate draft Chapter to all HIDRA members
- Before next plenary meeting meeting
  - Collect more information and references (all WG 2 members)
  - 3-4 day intermediate meeting in the week 5-9 May where we will take care of comments and write on the Chapter (WG 2)
  - Circulate the updated Chapter to the chairs and WG leaders (Eva)
  - Update chapter after their comments (Eva) before included in an updated HIDRA draft

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Participants of WG 2

1st plenary meeting November 2013

Antonín Vokal, Czech Republic

Cecile Castel, France

Eva Andersson, Sweden

Julie Mecke, Canada

Naveen Ratan, Trinidad Tobago

Other new members since 2012 meeting

Amelie Dehoyos, France

Betsy Forinash, USA

Dan Schultheisz, USA

Solveig Dysvik , Norway

Technical meeting September 2012

Andrey Guskov, Russian Federation

Attila Baksay, Hungary

Cecile Castel, France

Eva Andersson, Sweden

Juergen Wollrath, Germany

Julie Mecke, Canada

Maria Pallatao, Philippines

Mette Nilsen Norway

Michael Tichauer, France

Nataliya Rybalka, Ukraine

Sucipta Sucipta, Indonesia

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