



IGD-TP
5th Exchange Forum
 October 28-30th 2014, Kalmar, Sweden

AGENDA

Tuesday 28th October 2014

Plenary Session 1

8:30 - 9:00	Registration
9:00 - 9:30	Opening Session <i>Chair Johan Andersson, SKB</i> EF5 meeting objectives Monica Hammarström, IGD-TP Chair
9:30 - 10:00	Key Note: Views of the Municipality of Oskarshamn Rolf Persson, Municipality of Oskarshamn
10:00 - 10:20	Key Note: Towards Joint Programming of EU Member States RD&D programmes for the management of radioactive waste in Euratom Horizon 2020 Christophe Davies, European Commission, DG/RTD
10:20 - 10:40	Key Note : Conclusions and recommendations out of the EURADWASTE'13 conference Gunnar Buckau, JRC-ITU
10:40 - 11:10	<i>Coffee Break</i>
11:10 - 11:40	Key Note: What does the public really want when engaging with the nuclear industry? Laurel Boucher, The Laurel Co., USA
11:40 - 12:10	Key Note: The ENEN Association and its missions: an update looking beyond its 10th Birthday Walter Ambrosini and Pedro Porras Dieguez, ENEN Association
12:10 - 12:20	Organisation of the parallel Working Groups Jacques Delay, IGD-TP Secretariat
12:20	<i>Lunch</i>

Parallel Sessions – Technical Working Groups Session

14:00 - 15:40	Technical Working Groups - presentations and discussions Rapporteurs WG TWG1 Safety Case “handling of uncertainties” Room: Kvarnholmen TWG2 Microbiological Studies Room: Lilla Festsalen TWG3 Information Exchange Platform IGD-TP/ SNETP Room: Blå Salongen TWG4 Priorities and lessons learned after 4 years of implementation of SRA Room: Ängö <i>Detailed agenda of the WG session below</i>
15:40 - 16:00	<i>Coffee Break</i>
16:00 - 17:30	Cont. Working Groups’ presentations and discussions Rapporteurs WG
17:30	Closing of the Working Groups’ Session Rapporteurs WG



This event is co-funded by the European Union under the 7th Euratom Framework Programme, Grant agreement number 323260 - SecIGD2 project.

Wednesday 29th October 2014

Parallel Session 1

PS 1	Chairman's and rapporteurs' meeting (Chairman and rapporteurs only)
09:00	Rapporteurs' meeting - Summary of discussion, draft of WG conclusions
10:30	<i>Coffee break</i>
11:00	Chair and Rapporteurs' commission session for drafting the conclusions
12:20	<i>Lunch</i>

Parallel Session 2

PS2 ORWG CMET	IGD-TP's input for the development of a voluntary accreditation scheme for geological disposal Marjatta Palmu, Posiva Oy
09:00	Introduction to the voluntary accreditation scheme and guidance for the walkabout Marjatta Palmu, Posiva Oy
09:30	Walkabout for the input for the development of a voluntary accreditation scheme in the IGD-TP all organisations present at the EF supported by the CMET working group member
10:30	<i>Coffee break</i>
11:00	Cont. Walkabout for the input for the development of a voluntary accreditation scheme in the IGD-TP Marjatta Palmu, Posiva Oy
12:20	<i>Lunch</i>

Plenary Session 2

14:00	The IGD-TP Knowledge Management Search Portal - Practical information, service description and agreements Tiina Jalonen., Posiva Oy Terho Laakso, Documill
14:15	Report of the 4 Working Groups Rapporteurs WG
15:15	<i>Coffee break</i>
15:45	Overview on the outcomes of the walkabout related to a voluntary accreditation scheme and next steps Marjatta Palmu, Posiva Oy, CMET chair
16:00	Conclusion and way forward for IGD-TP in 2013- 2016 Monica Hammarström, IGD-TP Chair
16:30	Closing IGD-TP 5th Exchange Forum Monica Hammarström, IGD-TP Chair

Thursday 30th October 2014

Visit of the Äspö Laboratory Organised by SKB

Participants need to present a valid photo ID.

- 08.00** Departure from the hotel by bus
- 09.30** Arrival, coffee and registration
- 10.00** Presentation Äspö HRL
- 10.30** Visit to the tunnel / Deepened presentation
- 11.45** Changing of groups
- 13.00** Lunch



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Parallel sessions – Technical Working Groups (TWGs)

TWG1 - Safety Case “handling of uncertainties “

Rapporteurs: Ulrich Noseck, GRS; Dan Galson, Galson Sciences Inc.

Room: Kvarnholmen

Agenda

14:00	Introduction U. Noseck, GRS and D. Galson, GSL
Management of uncertainties in the safety case	
14:10	Uncertainties in the safety case: How to move beyond PAMINA M. Capouet, ONDRAF/NIRAS
14:20	Andra’s strategy and approach for management of uncertainties in post-closure safety of geological disposal L. Griffault, Andra
14:30	Timescales for probabilistic safety assessment D. Galson, GSL
14:40	Discussion
Methodological development and site-specific application of sensitivity analyses	
14:50	Sensitivity analyses: theoretical background, use in the safety case, and related research activities K. Röhlig, TUC
15:00	Overview of advantages and drawbacks of different methods for sensitivity analysis in the context of performance assessment D. Becker, GRS
15:10	Sensitivities of the long-term safety results in SKB’s licence application for a spent fuel repository A. Hedin, SKB
15:20	Uncertainty and sensitivity analysis applied to performance assessment of a deep geological disposal in the French context J. Wendling, Andra
15:30	Discussion
15:40 - 16:00	<i>Coffee break</i>
Uncertainty identification and quantification	
16:00	Simplified approach to elicitation of expert judgement in quantification of uncertainty M. Poole, RWM and D. Galson, GSL
16:10	Comparison of probabilistic and alternative evidence theoretical methods for the handling of parameter uncertainties resulting from variability and/or partial ignorance in safety cases R. Bartel, Brenk
16:20	Fast computational methods for handling large scale data uncertainty problems G. Wittum, Steinbeis/GUF
16:30	Discussion
Natural analogues in support of the safety case	
16:40	The use of natural analogues in the Finnish safety case B. Pastina, Posiva
16:50	Information exchange: the role of NAWG in the past and the way forward tomorrow R. Alexander, Bedrock Geoscience
17:00	Discussion
Future international collaborative work	
17:10	Discussion
17:30	Close



TWG2 - Microbiological Studies

Rapporteurs: Klas Källström, SKB ; Karsten Pedersen, Microbial Analytics Sweden AB

Room: Lilla Festsalen

Agenda

Intermediate level wastes (ILW)	
14:00	Improving realism and reducing pessimisms in the safety case for geological disposal of ILW Joe Small, National Nuclear Laboratory, UK
14:15	Microbially induced corrosion under repository environments Pauliina Rajala, VTT Technical Research Centre of Finland
14:30	Potential impact of alkaliphilic bacteria on ILW-geodisposal scenarios: reducing unwarranted conservatism is safety analysis Jon Lloyd, University of Manchester, UK
14:45	Discussion ILW FEPs where microbial issues must be considered All
High level wastes (HLW)	
15:10	Role of microbes in Features, Events and Processes (FEPs) relevant for geodisposal of radioactive waste in argillaceous host rocks Natalie Leys SCK-CEN, Belgium
15:25	Sulphide issue in Olkiluoto - hydrogeochemical considerations Petteri Pitkänen and Tiina Lamminmäki, Posiva Oy Finland
15:40 – 16:00	<i>Coffee Break</i>
16:00	Remaining uncertainties regarding sulphide production, fluxes and concentrations in radioactive waste repositories Karsten Pedersen, Microbial Analytics, Sweden
16:15	Lithotrophic metabolism in the relation with microbiologically induced corrosion Mikes Jiri, CHEMCOMEX, Czech Republic
16:30	Microorganisms of radionuclides-contaminated soils of Chernobyl: in depth analysis of diversity and study of uranium-bacteria interactions Virginie Chapon, CEA, France
16:45	Discussion HLW FEPs where microbial issues must be considered All
17:10	Sum up and drafting of conclusions Rapporteurs
17:30	Close



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TWG3 - IEP IGD-TP/ SNETP

Rapporteurs: Richard Stainsby SNETP/NNL; Lena Zetterström Evins IGD-TP/SKB

Room: Blå Salongen

Agenda

14:00	The IGD-TP/SNE-TP Information Exchange Platform – an introduction Lena Z. Evins, SKB, Sweden
Part I	<u>Information from IGD-TP to SNE-TP: How are changed waste forms considered by WMO?</u>
14:10	The SKB requirements of the HLW waste intended for the KBS-3 repository Lena Morén, SKB, Sweden
14:25	Fuel data needs in Posiva's safety case Barbara Pastina, Posiva
14:40	Evolution of the waste forms in the future : an overview of the French approach Christelle Martin, Andra
14:55	Progress and R&D needs for radioactive waste conditioning and disposal for future fuel cycles: a UK perspective Neil Hyatt, University of Sheffield, UK
Part II	<u>Information from SNE-TP to IGD-TP : What are the expected developments in waste forms?</u>
15:10	The Sustainable Nuclear Energy Technology Platform (SNETP), Fuel Cycles and Interfaces with Geological Disposal Richard Stainsby, NNL
15:25	Nugenia Research Topics in Spent Fuel Management (TA 5) and Potential Implications for Disposal. David Hambley, NNL
15:40 – 16:00	<i>Coffee Break</i>
16:00	SNETP-ESNII Gen IV reactors, related fuel cycle and disposal issues Massimo Sepielli (SNETP Governing Board)
Part III	Other information exchange and topics for discussion
16:15	Conditioning radioactive waste that cannot be accepted in surface facilities - Safety considerations and packaging basic principles Gregory Nicaise, IRSN
16:30	Common Fact Sheet: Status and discussion on dissemination
17:15	Outlook: the next steps
17:45	<i>Close</i>



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TWG4 Priorities and lessons learned after 4 years of implementation of SRA

Rapporteurs: Frédéric Plas (Andra) and Peter Wikberg (SKB)

Room: Ängö

Agenda

14:00	Achievements and way forward for the IGD-TP since its inception Jacques Delay, Andra, France
14:20	Discussion on: <ul style="list-style-type: none">- importance/urgency of the existing SRA topics- proposal for new topics <u>Discussion will be based on the report entitled SRA main achievements and way forward V1.1 sent to all participants before the meeting</u>
15:00	TUS-Safety and Environmental Engineering Laboratory' cross sections considerations of one <Safety and SF&RAW matrix> and review of the SF&RAW management in Bulgaria Ivan Ivanov, Technical University of Sofia, Bulgaria
15:20	FIRST-Nuclides: Outcome, Open Questions and Steps Forward Bernhard Kienzler, KIT-INE, Germany
15:40	<i>Coffee break</i>
16:00	Quality assurance and communication between stakeholders of a geological disposal project facilitated by the Electronic input Data and Results application (EDR) for radionuclide transport calculations Jean Croisé, AF-Consult, Switzerland
16:20	COMS-WD: A new proposal for cooperation between EU Member States responding to the EC Waste Directive Erika Neeft COVRA, Netherlands
16:40	SITEX-II, for developing an international Expertise function network Delphine Pellegrini, IRSN, France
17:00	The JOPRAD Project: A step towards a Joint Programming on Radioactive Waste Disposal RD&D Jacques Delay, Andra, France
17:20	Conclusions - All
17:30	Close



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