RAMTrans Conference– 15- 17th May 2024

Wednesday 15th May

Time	Session and speaker
0800	Registration opens, tea, coffee and networking
0900	Welcome and House Keeping
0910 20 mins	Keynote Speaker- Seth Kybird, NTS Without transport there is no nuclear
0930	**Session 1 - Package Engineering**
0930	Mr. Andrew Fowler, Eadon Consulting Ltd. Development of a Nuclear Waste Container to Minimise Whole Lifecycle Costs and Improve Operational Efficiencies
0945	Mr. Sundip Shah, Arup Impact performance sensitivity studies on the Robust Shielded (RS) Box Transport Container – Secondary impacts and the effects of ageing – and Methodology for calculation of impact release fraction for RS packages containing unencapsulated waste.
1000	Mr. Franz Peter Kattner, Gesellschaft fuer Nuklear-Service mbH Transport of HLW canisters on sea vessels – boundary conditions and requirements from the German competent authority.
1015	**BREAK**
1045	**Session 2 - Regulation and Institutional issues**
1045	Mr. Alastair Brown, NTS Rising to the Challenges of Denials and Delays.
1100	Ms. Misaki Horiguchi, Kyoto University Regulations of Fukushima Daiichi Nuclear Power Plant accident.
1115	Rajesh Garg, Canadian Nuclear Safety Commission Transport of Radioactive Materials in Canada in 2021 and 2022.
1130	Mrs. Stavroula Vogiatzi (Pre-recorded), Greek Atomic Energy Commission (EEAE) Necessity of Joint Inspection in Transport of Radioactive Materials.
1145	TBC
1200	**LUNCH**
1300	**Session 3 - Operations**

1300	Mr. George Burnett, NTS A Forward Look - The Application of Current Transport Approaches to the Future of Nuclear.
1315	Mr. James Trott, NWS Preventing Spiraling Costs in Maintaining an Ageing Asset Base - Lessons Learnt from LLWR.
1330	Mr. Pengyi Wang, IAEA Advancing Global Safety in Radioactive Material Transport: IAEA's Integrated Approach to Training, Compliance, and Shipment Facilitation
1345	Mr. Steven Capner, newcleo New Nuclear: Approach to Transport of Lead Fast Reactor MOX Fuel.
1400	Professor Malcolm Joyce, CoRWM and Lancaster University Priorities concerning the management of radioactive waste from future, small nuclear fission power reactors.
1415	**BREAK**
1445	**Poster Session**
	Dr Annette Rolle Investigations of Aged Metal Seals for Transport Package Safety Assessment **Thomas Quercetti** Enhancement of the BAM Fire Test Stand for Testing a Large Transport Package for Radioactive Materials **Mike Weber** How to Consider Imperfectly Mounted Reinforcement Cages in a Cylindrical Concrete Container During Mechanical Specimen Tests **Dr Steffen Komann** Ageing management measures of transport packages for radioactive materials **Andrew Gray** Transport and Logistics Consultancy – complex challenges to support operational excellence **Dave Rossiter** Delivering strategic nuclear waste transport programmes **Dr Frederik Kesting** Comparative overview of the properties of large surface contaminated objects transported in Germany since 2007 and corresponding approval procedures **Tom Rowlands**

	Summary of the update to the Transport Container Standardisation Committee (TCSC) Code of Practice (CoP) TCSC0031 on the Design of Bolted Joints for Radioactive Material (RAM) Transport applications. **Rhianne Boag** Nuclear Transport Solutions – Our Experience of Designing and Re-Purposing Nuclear Transport Packages **Wang Zhipeng** **Hao Jiaxin** **Emma Tallantire** Creating a combination package to dispose of radioactive and chemicals wastes from the Sellafield site **Jérôme Thomas** Packages for radioactive waste transportation **Edoardo Cascioli**
1530	**Session 4 - Content specific**
1530	Miss. Hannah Doran, University of Glasgow Decay Heat Potential at the back end of the nuclear fuel cycle.
1545	Dr. Ed Ketusky, NAC International (Pre-recorded), OPTIMUS-L Certified by NRC for HALEU.
1600	Mr. Dylan Ward, NAC International Enhancing the OPTIMUS Packaging System for High-Activity Radioactive Source Transportation.
1615	Mr. Warren Arnold, BAUER Maschinen GmbH Introduction of latest technique for the Construction of temporary (or ultimate) disposal space of radioactive material underground by new diaphragm wall technique. Also offering underground space to SMR/ MMR (cluster) power plants.
1630	TBC
1645	TBC
1700	**Day 1 Conference Close**

Thursday 16th May

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0800	Registration opens, tea, coffee and networking
0900 20 mins	Keynote Speaker- Tim Tinsley, NNL Reach for the Stars
0920	**Session 5 - Other**
0920	Dr. Fabrice Fleurot, NTS Meteor: A CAD-compatible nuclear criticality code.
0935	Mrs. Beverley Stothart, NTS NWS & NTS Collaboration
0950	Mr. Florent Ledrappier, TECHNETICS Improvement of metallic seals ageing behavior based on surface texturing – HELICOFLEX® TEXEAL®.
1005	Mr. Nick Fuller, Northern Engineering Sheffield Ltd. Elastomer Compounds for Use in RAM Transport Flasks – Compound Test Program
1020	**BREAK**
1045	**Session 6- Package Engineering**
1045	Mr. Sundip Shah, Arup Modelling, Analysis and Evaluation of unshielded and shielded low heat generating waste packages.
1100	Mr. Robbie Britton, Croft Associates Ltd. Validation of impact performance for the croft safkeg® through analyses and testing.
1115	Mr. Mike Good, Frazer-Nash Consultancy Ltd. Development of a reliable modelling capability for assessing the impact performance of reinforced concrete boxes.
1130	Jérôme Thomas, ROBATEL Industries The R85 Type B Cask: the new ROBATEL Industries design for cluster guides transportation from EDF's NPPs
1145	TBC
1200	**LUNCH**
1330	**Session 7 - Regulation and Institutional issues**
1330	Mr. Alessandro Orsini, National inspectorate for nuclear safety and radiation protection

	ISIN dose assessment to members of the public arising from transport of radiopharmaceuticals to Rome's Hospitals.
1345	Dr. Martin Neumann, BAM Transport of HLW canisters on sea vessels – boundary conditions and requirements from the German competent authority.
1400	Mr. Seungwoo Ji, KINS Status of Regulation System for RI/RG Licensed User in Republic of Korea.
1415	Mr. Paul Butler, ONR What makes a 'suitable and sufficient' transport Radiation Risk Assessment from a regulator's perspective.
1430	TBC
1445	**BREAK**
1515	**Session 8 - Package Engineering**
1515	Mr. Sundip Shah, Arup Developments in the holistic impact methodology for the prediction of impact release fraction for waste packages with encapsulated wasteforms and investigation of the effect of ageing on the compressive strength and break-up characteristic of grout encapsulants and simulant wasteforms
1530	Mr. Gordon Turner, NWS The benefit of aerosol mechanisms to demonstrate the performance of the lid seal for transport of radioactive waste.
1545	Dr. Shawn Toh, NTS Considering aerosol processes in nuclear transport package containment safety cases.
1600	Ms. Liz Holland, NTS An Overview of Dose Rate Assessments to Support Nuclear Vessel Licensing.
1615	Mr. Sam Robinson, Frazer-Nash Consulting Ltd. Bridging the Gap: Aligning Nuclear Waste Transport Package Design to Contemporary BS and ISO Standards.
1630	TBC
1645	**Day 2 Conference Close**
1900	**Dinner at the Science Museum**
2300	**Carriages Home**

Friday 17th May

Time	Session and speaker
0800	Registration opens, tea, coffee and networking
0900	Keynote Speaker- Chris Jones, ONR
0920	**Session 9 - Other**
0920	Mr. Phil Edge, NDA NDA Transport Strategy.
0935	Miss. Melissa Collier, Science and Technology Facilities Council Neutron Target Transport.
0950	Mrs. Jennifer Nugent, NTS NTS: A Centralised Approach to Design Authority for One-NDA.
1005	Ms. Tanzila Nurjahan, Technische Universität Dresden Investigation of Moisture Content in Concrete during Decommissioning of Nuclear Facilities by Electrical Impedance Spectroscopy.
1020	**BREAK**
1045	**Session 10 - Package Engineering**
1045	Mr. Markos Yiassoumis, Croft Associates Ltd. Analysis of a Novel Screw Ring Closure Mechanism for a Type B(U)F Transport Package.
1100	Mr. Daniel Meir, Sellafield Ltd. Transport Package Repurposing - The complexity of curveballs.
1115	Mr. Ameen Azzabi, Sellafield Ltd. The Reuse of Transport Packages for on-site Transfers.
1130	Mr. Sean Perry, NTS The Development of a Versatile Type B(U)F Transport Package to Support the Front-End Fuel Cycle of Gen-IV Reactors.
1145	Closing Remarks
1200	**CLOSE**