Emergency Preparedness and Response

World Nuclear Transport Institute

Transport Industry Perspectives and Challenges

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AGENDA

✓ WNTI ACTIVITIES since June 2017

✓ TRANSPORT EMERGENCY PREPAREDNESS PHASE
  ✓ WNTI Perspectives

✓ TRANSPORT EMERGENCY RESPONSE PHASE
  ✓ WNTI Challenges
WNTI ACTIVITIES
## WNTI Activities

<table>
<thead>
<tr>
<th>WNTI PERMANENT WORKING GROUPS</th>
<th>SCOPE 2017/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uranium Ore Concentrate</strong></td>
<td>WNTI Uranium Concentrate Good Practice Guide to a Standard</td>
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</tbody>
</table>
| **HEX-T**                     | UF6 Cylinder Standards ANSI N14.1  
ISO 7195  
Socket Head plug – Implementation, Experiences and challenges  
Load Securing for UF6 Transport |
| **BACK –END**                 | Waste inventory Forecasting & Characterisation  
Cask decommissioning  
Waste Transport regulatory framework  
Dual Use Casks |
| **SSR-6**                     | IAEA SSR-6 and SSG-26 Revision cycle  
A1/A2 Values calculation  
Criticality  
Pressure differential by air  
IAEA Guide : PDSR |
| **SECURITY**                  | Graded approach  
Monitoring of the evolution of IAEA NST 044 and NST 053 |
| **EMERGENCY PREPAREDNESS & RESPONSE** reinitiating | IAEA EPreSC participation  
IAEA TS-G-1.2 Revision cycle participation |
WNTI Activities since June 2017 - Highlights

- IAEA EPResC 4, Vienna
- WNTI SAMM, Washington

- IAEA TRANSSC 34, Vienna
  *WNTI participation to the SSR-6 & SSG-26 revision cycle*

- IAEA TS-G1.2 revision Consultancy Meeting, Vienna
- IAEA 61th General conference

- WNTI Transport Seminar in Beijing, China
  *IAEA TS-G-1.2 revision Technical Meeting*
  *WNTI presentations on EPR Industry Experience*

- IAEA EPResC 5, Vienna
- IAEA International Physical Protection Conference

- IAEA TRANSSC 35, Vienna
- WNTI SAMM, London 6,7 December 2017
Transport Emergency Preparedness and Response: WNTI Perspectives and Challenges
Transport Emergency Preparedness
WNTI perspectives

✓ To foster education between stakeholders:
  - Industry stakeholders: Consignors, Consignees, Carriers … but not only

✓ To develop Communication and Transparency towards the public

✓ To participate in Exercises for response to Transport accident
WNTI develops a wide range of publications, which are shared among industry stakeholders for wider implementation.

WNTI PUBLICATIONS

- INFORMATION PAPERS
- FACT SHEETS
- GOOD PRACTICE GUIDES

WNTI publications freely available on www.wnti.co.uk
Implementation of standards brings confidence to all parties involved, from Authorities to Service Providers to stakeholders.
Communication: all starts with a dialogue

- Dialogue
- Information
- Knowledge
- Risk perception
- Tolerance Acceptance
Transport Emergency Preparedness
WNTI perspectives

Communication: the key drivers

- To provide a useful, timely, true, clear and appropriate information
  - The Importance of the rigorous data

- The messenger is as important as the message
  - The Importance of the trust

- Transparency vs. Security
Example of WNTI involvement in Emergency Preparedness

- Coastal and Shipping States dialogue TTX – July 2017
  - Participation in the meetings to develop the Transport Scenario
  - Incident on an INF class vessel carrying Waste
Emergency Response phase
WNTI Challenges

✓ Communication and Information Support
  ✓ To provide factual information regarding:
    - Material, Package, Transport mode, Stakeholders
  ✓ To mitigate misinformation

✓ Technical Advice Support
  ✓ To benefit from the WNTI Members experts network:
    - Consignors, Consignees, Carriers, Insurers

✓ Transport Emergency Feedback sharing
  ✓ To capitalize on the best practices to develop common Industry guidance on Transport Emergency Procedures
• For more information:
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QUESTIONS?