IAEA 8th Meeting of the Emergency Preparedness and Response Standards Committee (EPReSC)

Overview of Approach to Emergency Preparedness and Response in WNTI

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WeWork – 4th Floor, Aviation House, 125 Kingsway, London, U.K.

25th – 27th June 2019, IAEA, Vienna
World Nuclear Transport Institute (WNTI)

- Non-Governmental Organisation
- Formed in 1998 (by BNFL, COGEMA and FEPC)
- Main Office – London, UK
- Global – Regional offices and representatives
  - USA, China, Japan, Australia, South Africa

- British Nuclear Fuels Ltd (BNFL) – Now International Nuclear Services (INS)
- COGEMA – Now Orano
- Federation of Electric Power Companies of Japan
Refreshed Strategic Direction of the WNTI

- New Office
  310-312 Regent Street, London, UK
  WeWork – 4th Floor, 125 Kingsway, London, UK

  The new office will provide a meeting room for our members!

- New Logo

- New Website
  Now in progress. Coming in this year!
Radioactive Material Transport

Every year around the world, 20 million transports of radioactive materials

20,000,000

In over 50 years there has never been a transport incident that has caused significant radiological damage to people or the environment.
WNTI Mission

- The voice of the radioactive materials transport industry
- Industry Representation at International Organisations
- Good practice guides & Standards for the industry
- Factual information – factsheets, website www.wnti.co.uk
- Working groups for industry members
- Thematic / Regional Workshops
WNTI Semi Annual Members Meeting (SAMM)

Twice a year
- May/June: Member’s Country
- December: London

Two days
- Day 1: Working group meetings
- Day 2: Plenary session with special guests + Technical tour
WNTI
A permanent involvement and active participation in International Organisations in charge of the Regulations

• ALL RELEVANT COMMITTEES AND SUB COMMITTEES
• TRANSPORT SAFETY STANDARDS COMMITTEE (TRANSSC)
• EMERGENCY PREPAREDNESS & RESPONSE STANDARDS COMMITTEE (EPReSC)
• NUCLEAR SECURITY GUIDANCE COMMITTEE (NSGC)

WNTI: OBSERVER STATUS

• Technical Committee 85 (Nuclear)

• TRANSPORT SAFETY STANDARDS COMMITTEE (TRANSSC)

• EMERGENCY PREPAREDNESS & RESPONSE STANDARDS COMMITTEE (EPReSC)
• NUCLEAR SECURITY GUIDANCE COMMITTEE (NSGC)

• DANGEROUS GOODS PANEL WG

IAEA – EPReSC 8 – 25 – 27 June 2019, Vienna
What’s the main WNTI Activity for EPR?


6 Consultancy Meetings / 1 Technical Meeting

- **May 2016**: Determination of the allocation for drafting
- **November 2016**: In particular, we discussed informal dialogue between shipping countries and coastal countries, the necessity of evidence for safety distance, OIL (Operational Intervention Level)
- **February 2017**: Preparation of chapters 2 to 4
- **June 2017**: Discussion on the objectives of this publication
- **September 2017**: Agreement of the draft for Technical Meeting
- **October 2017**: WNTI presented on EPR topics.
- **January 2018**: Finalization of the draft for 120-day review

WNTI has been cooperating with preparedness of the draft since 2016.
WNTI Activities for EPR
After the IAEA EPReSC7 in October 2018

- **NOVEMBER 2018**
  - **TS-G-1.2**: the 120 day review period was closed
    WNTI submitted 70 comments to the IAEA

- **DECEMBER 2018**
  - **WNTI Semi Annual Members Meeting (SAMM) in London, UK**
    Share the information with WNTI members

- **MAY 2019**
  - **TS-G-1.2**: Final Draft was uploaded
    WNTI checked the DS469 Step11

- **MAY 2019**
  - **WNTI Semi Annual Members Meeting (SAMM) in St. Petersburg, Russia**
    Discussed WNTI comments for DS469 Step11
    with WNTI members
WNTI Activities for EPR
After the IAEA EPReSC7 in October 2018

MAY 2019

• TS-G-1.2: Resolution Table for comments at step 9 was uploaded
  Result for the WNTI comments:
  23 accepted, 17 accepted with modification, 30 rejected

JUNE 2019

• TS-G-1.2: Submission Deadline for the comments for DS469 Step 11
  WNTI submitted 14 comments to the IAEA

JUNE 2019

• IAEA 8th Meeting of the Emergency Preparedness and Response Standards Committee (EPReSC), Vienna
  WNTI participation
Upcoming Event: WNTI Collaboration

PATRAM 2019
Hosted by the Institute of Nuclear Materials Management (INMM)
WNTI supports in the PATRAM2019.

What is PATRAM?
The International Symposium on the Packaging and Transportation of Radioactive Materials (PATRAM) is a series of symposia that brings together worldwide experts from government, industry, and research organizations.

IAEA – EPRSC 8 – 25 – 27 June 2019, Vienna
Upcoming Event: WNTI Collaboration

✓ Date and Place
   4th – 9th August 2019 – New Orleans, USA
✓ Emergency Preparedness and Response and Tracking Session
   Tuesday 6th August 2019; 9:00 – 12:00

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<td>Considerations on Reference Level and Assessments of Radiological Consequences of Emergency during Transport of Radioactive Materials</td>
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<td>2</td>
<td>Tools to Evaluate Transportation Infrastructure and Emergency Preparedness on Potential Radioactive Materials Shipment Routes</td>
<td>DOE and Vanderbilt University, USA</td>
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<td>The Use of Emergency Exercises to Promote a Culture of Security and Resilience in the Radioactive Material Transport Industry</td>
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<td>Future Applications for the WNTI Global ID</td>
<td>Oak Ridge National Laboratory, USA</td>
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<td>RFID Technology in transportation and storage of nuclear waste : A Review</td>
<td>Pandit Deendayal Petroleum University, India etc.</td>
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THANK YOU

The World Nuclear Transport Institute

www.wnti.co.uk

Extensive freely available publications and information.
World Nuclear Transport Institute

June 2019