



INTERNATIONAL CONFERENCE ON SAFETY IN THE TRANSPORT OF RADIOACTIVE MATERIAL

Vienna, Austria
7-11 July 2003

organized by the
International Atomic Energy Agency

Co-sponsored by the
International Civil Aviation Organization
International Maritime Organization
Universal Postal Union

In co-operation with the
International Air Transport Association
International Organization for Standardization

[Note by Secretariat: All individuals shown in this provisional programme have been or are in the process of being invited to participate. However, not all have as yet been able to respond to the invitations; thus changes in the programme can be expected.]

Programme

(As of 1 July 2003)

TIMETABLE

SUNDAY, 6 JULY 2003

16:00 – 19:00 Registration
17:00 – 18:00 Coordination Meeting with Chairs, Co-Chairs and Rapporteurs

MONDAY, 7 JULY 2003

08:00 Registration
08:30 Speakers Briefing
09:30 Opening Session
11:00 Coffee Break
11:20 Background Session
12:30 Lunch Break
14:00 Background Session (cont'd)
15:30 Coffee Break
15:50 Explanatory Topical Session & Discussions
17:30 Poster Session 1 and IAEA Reception
19:30 Adjourn

TUESDAY, 8 JULY 2003

08:30 Speakers Briefing
09:30 Round Table & Discussions
11:30 Lunch Break
13:30 Technical Session 1 & Discussions
15:00 Coffee Break
15:30 Technical Session 2 & Discussions
17:00 Poster Session 2
18:30 Adjourn

WEDNESDAY, 9 JULY 2003

08:15 Speakers Briefing
09:00 Technical Session 3
10:30 Coffee Break
11:00 Technical Session 3 cont'd (Discussions)
12:30 Lunch Break
14:00 Technical Session 4 & Discussions
15:20 Coffee Break
15:50 Panel 1 & Discussions
17:20 Poster Session 3
18:30 Adjourn

THURSDAY, 10 JULY 2003

08:15 Speakers Briefing
09:00 Technical Session 5
10:40 Coffee Break
11:10 Technical Session 5 cont'd (Discussions)
12:30 Lunch Break
14:00 Technical Session 6 & Discussions
15:30 Coffee Break
16:00 Panel 2 & Discussions
17:30 Poster Session 4
18:30 Adjourn

FRIDAY, 11 JULY 2003

08:15 Speakers Briefing
09:00 Technical Session 7 & Discussions
11:00 Coffee Break
11:20 Oral Summaries of Sessions by Chairpersons
12:20 Summary and Technical Findings of the Conference
12:40 Closing of the Conference

SUNDAY, 6 JULY 2003

16:00-19:00 Registration

MONDAY, 7 JULY 2003

08:00 Registration

09:30 Opening Session

Welcoming addresses:

M. El Baradei, Director General, International Atomic Energy Agency (IAEA)
M. Hughes, President of the Conference, Australia

10:00 Addresses by Co-sponsoring Organizations:

K. Rooney, International Civil Aviation Organization (ICAO)
I. Rahim, International Maritime Organization (IMO)
E. Andersen, Universal Postal Union (UPU)

11:00 Coffee Break

MONDAY, 7 JULY 2003

11:20

Background Session

Chairperson: O. Kervella, UNECE (United Nations Economic Commission for Europe)
Vice Chair: F. Abdel-Rahman, Egypt

Addresses by Co-operating Organizations:

J. Abouchaar, International Air Transport Association (IATA)
P. Malesys, Int'l Organization for Standardization (ISO)

Presentations from:

A. González, IAEA General background and role of the IAEA in Transport Safety
E. Morgan-Warren, INUCE The conference on radioactive materials transport – 2002

12:30

Lunch Break

14:00

Background Session (cont'd)

Chairperson M. Hughes, Australia
Vice Chair: F. Abdel-Rahman, Egypt

Presentations from:

D. Clein, Argentina The IAEA Regulations for the Safe Transport of Radioactive Material – its content and application
R. Rawl, USA History and development of the international system of transport safety regulatory requirements and legal instruments
C. Young, UK Role of national competent authorities in facilitating regulation of the transport of radioactive material
L. Green, WNTI* Industry perspective on transport operations and safety
A. Tisdall, IFALPA* The role of worker NGOs in ensuring safety in the transport of radioactive material
R. Pope, IAEA International efforts on developing security in transport recommendations

15:30

Coffee break

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INUCE (Institution of Nuclear Engineers)

WNTI (World Nuclear Transport Institute)

IFALPA (International Federation of Airline Pilot's Association)

MONDAY, 7 JULY 2003

15:50 Explanatory Topical Session: Liability

Chairperson: R. Elk, South Africa

Vice Chair: S. McIntosh, Australia

Presentations of invited and contributed papers

- | | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V. Bulanenkov, Russia | Current Status of International Liability Regime (invited paper) |
| M. Leger, France | Comparison between the revised Vienna and Paris Conventions on Nuclear Liability in the field of nuclear energy. Provisions applicable to transport of radioactive materials (contributed paper) |
| E. Carroll, Ireland | Liability in the transport of radioactive materials (contributed paper) |
| N. Horbach, Netherlands | Nuclear liability conventions and transport: An overview (contributed paper) |
| W. Mansfield, New Zealand | Liability in the transport of nuclear material: Existing liability regimes and gaps in their coverage (contributed paper) |
| P. Reyners, OECD | The modernisation of the international nuclear liability regime: its impact on transport operations (contributed paper) |
| C. Azurin-Araujo, Peru | Towards a global and comprehensive IAEA's nuclear liability regime, in particular for nuclear damage caused during the transport of radioactive material (contributed paper) |
| B. McRae, USA | Convention on Supplementary Compensation: Path to a Global Liability Regime Covering Nuclear Incidents during Transport (contributed paper) |

16:50 Discussions

**17:30 Poster Session 1
and IAEA Reception**

19:30 Adjourn

TUESDAY, 8 JULY 2003

09:30 Round Table: Communication with the Public and between Governments

Chairperson: A. MacLachlan, Nucleonics Week

Vice Chair: A. Hart, Peru

Presentations of summary and contributed papers:

- | | |
|---------------------|---------------------------------------------------------------------------------------|
| J.A. Read, Canada | Communication with the Public and between Governments (summary of contributed papers) |
| H.J. Neau, France | COGEMA LOGISTICS' global information policy for transports (contributed paper) |
| F. Maughan, Ireland | Communication between Governments (contributed paper) |
| J. Stewart, UK | Communication by the Competent Authority: Why and how (contributed paper) |

10:30 Discussions

11:30 Lunch break

13:30 Technical Session 1: Effectiveness of Radiation Protection in Transport

Chairperson: J. Joly, France

Rapporteur: S.M. Magnusson, Iceland

Presentations of summary and contributed papers:

- | | |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| C. Fasten, Germany | Effectiveness of radiation protection in transport (summary of contributed papers) |
| S. Trivelloni, Italy | Statistics on the road transport of radioactive materials in Italy (contributed paper) |
| Y. Ikezawa, Japan | Present status on radiation protection for transport of radioactive material in Japan (contributed paper) |

14:20 Discussions

15:00 Coffee Break

TUESDAY, 8 JULY 2003

15:30 Technical Session 2: Compliance and Quality Assurance

Chairperson: C. Pecover, UK
Rapporteur: M. Kubo, Japan

Presentations of invited and contributed papers:

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G. Dicke, IAEA | Appraising state's regulation of the transport of radioactive material – a report on the IAEA's Transport Safety Appraisal Service (TranSAS) (invited paper) |
| L. Baekelandt, Belgium | Experience with the Transport Safety Appraisal Service (TranSAS), a Key to Compliance Assurance (invited paper) |
| S. O'Connor, USA | U.S. Nuclear Regulatory Commission Quality Assurance roles and responsibilities for radioactive materials transport (contributed paper) |
| G. Fisher, UK | Framework of the BNFL international transport management system (contributed paper) |

16:30 Discussions

17:00 Poster Session 2

18:30 Adjourn

WEDNESDAY, 9 JULY 2003

**09:00 Technical Session 3: Packaging and Transport of Radioactive Materials
(Fuel cycle and non-fuel cycle)**

Chairperson: **T. Saegusa, Japan**
Rapporteur: **B.G. Dekker, Netherlands**

Presentations of invited and summary papers:

R. Steane, Canada	Packaging and transport of nuclear fuel cycle materials (summary of contributed papers)
W. Wilkinson, WNTI	Packaging and transport of nuclear fuel cycle materials (invited paper)
A.J. Bekker, South Africa	Packaging and transport of non-nuclear fuel cycle materials (summary of contributed papers)
D. Rogers, UK	Transport of high-activity sources for industry and medicine (invited paper)

10.30 Coffee break

**11.00 Technical Session 3 (cont'd): Packaging and Transport of Radioactive Materials
(Fuel cycle and non-fuel cycle)**

Discussions

12:30 Lunch Break

14:00 Technical Session 4: Packaging and Transport of non-standard Radioactive Materials

Chairperson: **R. Boyle, USA**
Rapporteur: **S.P. Agarwal, India**

Presentations of summary and contributed papers:

J.-Y. Reculeau, France	Packaging and transport of non-standard radioactive materials (summary of contributed papers)
J.H. Selby, South Africa	The transport of bulk quantities of naturally occurring radioactive materials - with the focus on Zircon sand (contributed paper)
G.Nabakhtiani, Georgia	Packaging and transport of non-standard radioactive materials (orphan sources) - feedback on small countries radiation safety in extreme situations (contributed paper)

14:50 Discussions

15.20 Coffee break

WEDNESDAY, 9 JULY 2003

15:50 Panel 1: Assessment of Regulatory Criteria

Chairperson: R. Clark, Canada
Vice Chair: H. Basaez Pizarro, Chile

Presentations of invited, summary and contributed papers:

H. Akiyama, Japan	Summary of maritime radioactive material transport safety studies in Japan (summary of contributed papers)
P.A. Booker, UK	Collision proof properties associated with the ships operated by Pacific Nuclear Transport Ltd and damage survivability in the event of a collision (contributed paper)
J. Cook, USA	Summary of maritime radioactive material transport safety studies in the USA (summary of contributed papers)
F. Chen, Panama	A transit state's view of maritime radioactive material transport (invited paper)

16:35 Discussions

17:20 Poster Session 3

18:30 Adjourn

THURSDAY, 10 JULY 2003

09:00 Technical Session 5: Effectiveness of the Regulatory Process

Chairperson: N. Bruno, Brazil
Rapporteur: J. Aguilar, France

Presentations of invited and summary papers:

J. Duffy, Ireland	Effectiveness of the regulatory process at the international level (summary of contributed papers)
K. Rooney, ICAO	Effectiveness of the regulatory process at the international level (invited paper)
S.A. Masinza, Kenya	Effectiveness of the regulatory process at the state level (summary of contributed papers)
S. Türkes, Turkey	Effectiveness of the regulatory process at the state level (summary of contributed papers)

10:40 Coffee break

11:10 Technical Session 5 (cont'd): Effectiveness of the Regulatory Process

Discussions

12:30 Lunch Break

14:00 Technical Session 6: Adequacy of Safety Requirements

Chairperson: J. Duffy, Ireland
Rapporteur: B. Droste, Germany

Presentations of summary and contributed papers:

J. van Aarle, Switzerland	Adequacy of Safety Requirements (summary of contributed papers)
R.J. Lewis, USA	U.S. Nuclear Regulatory Commission's package performance study for spent nuclear fuel transportation (contributed paper)

14:50 Discussions

15:30 Coffee break

THURSDAY, 10 JULY 2003

16:00 Panel 2: Identifying Areas for Potential Improvement of the Regulatory Regime

Chairperson: F. Nitsche, Germany

Vice Chair: P. Bubar, USA

Presentations of invited, summary and contributed papers:

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|-------------------------|-----------------------------------------------------------------------------------------------------------------|
| C. Ardouin, New Zealand | Identifying areas for potential improvement of the regulatory regime (summary of contributed papers) |
| I. Gibbs, Australia | Proposed regulatory changes to create a new category for some medical radioactive shipments (contributed paper) |
| R. Brown, USA | The importance of radiopharmaceuticals and radionuclides in medicine and research (contributed paper) |
| J. Abouchar, IATA | The role of the airline industry in the carriage of radioactive materials (invited paper) |

16:50 Discussions

17:30 Poster Session 4

18:30 Adjourn

FRIDAY, 11 JULY 2003

09:00 Technical Session 7: Emergency Preparedness and Response

Chairperson: J. Turnbull, New Zealand

Rapporteur: M. Miller, UK

Presentations of contributed and summary papers:

P. Malesys, France Emergency preparedness and response
(summary of contributed papers)

M. Fox, UK Emergency response arrangements for the Pacific Nuclear
transport fleet (contributed paper)

F. Ugletveit, Norway Emergency preparedness during maritime transport of nuclear
and radioactive materials in international waters
(contributed paper)

S.M. Warner-Jones, UK Reporting and recording of accidents and incidents involving
the transport of radioactive materials in the UK
(contributed paper)

10:00 Discussions

11:00 Coffee break

11:20 Oral Summaries of Sessions by Chairpersons

Technical Sessions

Panel Sessions

Explanatory Topical Session

Round Table

12:20 Closing Session

Summary and Technical Findings of the Conference

M. Hughes, Australia, Conference President

Closing Remarks

T. Taniguchi, Deputy Director General,
Department of Nuclear Safety and Security, IAEA

12.40 Closing of the Conference

M. Hughes, Australia, Conference President

Findings will be distributed in hardcopy to conference participants immediately following the presentation by the Conference President.