

CONTENTS

EXECUTIVE SUMMARY	i
OPENING SESSION	
Welcoming Address	3
<i>M. ElBaradei</i>	
Welcoming Address.....	7
<i>M.W. Hughes</i>	
The role of ICAO in regulating the air transport of radioactive material.....	13
<i>K. Rooney</i>	
Radioactive material transport safety and security activities at the IMO	21
<i>I. Rahim</i>	
Radioactive material transport by post: The role of the UPU.....	27
<i>E.V. Andersen</i>	
BACKGROUND SESSION	
The role of the airline industry in the safe and efficient carriage of radioactive material.....	33
<i>J.A. Abouchaar</i>	
Promoting the safe transport of radioactive material: Activities of the ISO	41
<i>P. Malesys</i>	
The IAEA and the safe transport of radioactive material	49
<i>A.J. González</i>	
Radioactive Materials Transport: A summary of the Institution of Nuclear Engineers' Conference in 2002	59
<i>E.J. Morgan-Warren</i>	
Regulations for the safe transport of radioactive material: Content and application	69
<i>D. Clein</i>	
History and development of the international system of transport safety regulatory requirements and legal instruments.....	77
<i>R.R. Rawl</i>	

The role of national competent authorities in facilitating regulation of the transport of radioactive material	93
<i>C.N. Young</i>	
Industry commitment to transport safety	103
<i>L. Green</i>	
The role of worker NGOs in ensuring safety in the transport of radioactive material: A view from IFALPA.....	109
<i>A. Tisdal</i>	
The development of recommended requirements for security in the transport of radioactive material: A status report.....	115
<i>R.B. Pope, R.E. Luna</i>	
Statement by the Resident Representative of New Zealand to the IAEA	131
<i>B. Bridge</i>	

EXPLANATORY TOPICAL SESSION: LIABILITY

The IAEA's role in and status of the international liability regime	135
<i>V. Bulanenkov</i>	
Discussion	145
Summary by the Chairperson.....	151

COMMUNICATION WITH THE PUBLIC AND BETWEEN GOVERNMENTS (Round Table)

Discussion	155
Summary by the Chairperson.....	165

EFFECTIVENESS OF RADIATION PROTECTION IN TRANSPORT (Technical Session 1)

Discussion	169
Summary by the Chairperson.....	173

COMPLIANCE AND QUALITY ASSURANCE (Technical Session 2)

Appraising States' regulation of the transport of radioactive material: A report on the IAEA's TranSAS.....	177
<i>G.J. Dicke, R.B. Pope</i>	

Experience with TranSAS: A key to compliance assurance	185
<i>L. Baekelandt</i>	
Discussion	193
Summary by the Chairperson	197

**PACKAGING AND TRANSPORT OF RADIOACTIVE MATERIAL
(FUEL CYCLE AND NON-FUEL CYCLE)**

(Technical Session 3)

The packaging and transport of nuclear fuel cycle material.	203
<i>L. Green, W. Wilkinson</i>	
Transport of gamma sterilization sources: Regulatory impact.	209
<i>D. Rogers</i>	
Discussion	213
Summary by the Chairperson	219

**PACKAGING AND TRANSPORT OF NON-STANDARD
RADIOACTIVE MATERIAL (Technical Session 4)**

Discussion	223
Summary by the Chairperson	227

ASSESSMENT OF REGULATORY CRITERIA (Panel 1)

Safe transit of radioactive cargoes through the Panama Canal	231
<i>F. Chen, E. Velarde</i>	
Discussion	237
Summary by the Chairperson	239

**EFFECTIVENESS OF THE REGULATORY PROCESS
(Technical Session 5)**

Effectiveness of the regulatory process at the international level	243
<i>K. Rooney</i>	
Discussion	255
Summary by the Chairperson	263

**ADEQUACY OF SAFETY REQUIREMENTS
(Technical Session 6)**

Discussion	267
Summary by the Chairperson	271

**IDENTIFYING AREAS FOR POTENTIAL IMPROVEMENT
OF THE REGULATORY REGIME (Panel 2)**

The role of the airline industry in the carriage of radioactive material, including issues that may be impeding transport	275
<i>J.A. Abouchaar</i>	
Discussion	281
Summary by the Chairperson	287

**EMERGENCY PREPAREDNESS AND RESPONSE
(Technical Session 7)**

Discussion	291
Summary by the Chairperson	299

CLOSING SESSION

President's Closing Statement to the conference	303
<i>M.W. Hughes</i>	
Chairpersons of Sessions, Co-Chairpersons and Rapporteurs, President of the Conference and Secretariat of the Conference	307
Technical Programme Committee	309
Summary List of Participants	311
Author Index	319