

1. Record Nr.	UNISALENTO991001755589707536
Titolo	Concezioni del diritto e diritti umani : confronti Oriente-Occidente : atti del 21. Congresso nazionale della Società italiana di filosofia giuridica e politica : Salerno-Ravello, 7-10 ottobre 1998 / acura di Alfonso Catania e Luigi Lombardi Vallauri
Pubbl/distr/stampa	Napoli : Edizioni scientifiche italiane, c2000
ISBN	8849501005
Descrizione fisica	467 p. ; 23 cm
Collana	Societas ; 10
Altri autori (Persone)	Lombardi Vallauri, Luigi Catania, Alfonsoauthor
Disciplina	340.11
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910819022503321
Autore	Sorenson Ken
Titolo	Safe and secure transport and storage of radioactive materials // edited by Ken Sorenson
Pubbl/distr/stampa	Amsterdam, Netherlands : , : Woodhead Publishing, , 2015 ©2015
ISBN	1-78242-322-2
Descrizione fisica	1 online resource (361 p.)
Collana	Woodhead Publishing series in energy ; ; Number 78
Disciplina	614.839
Soggetti	Radioactive substances - Safety regulations Radioactive substances - Transportation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Front Cover; Related titles; Safe and Secure Transportand Storage of Radioactive Materials; Copyright; Contents; List of contributors; Woodhead Publishing Series in Energy; 1 - Introduction to the packaging, transport and storage of radioactive materials; 1.1 Introduction; 1.2 Overview of the topic; 1.3 Scope of book; Part 1 - Frameworks for operational safety; 2 - Functional requirements for the design of transport packages; 2.1 Introduction; 2.2 Future trends in the nuclear industry; 2.3 General design features to meet regulatory requirements; 2.4 Packaging requirements; 2.5 Package design References3 - Training in the nuclear transport industry; 3.1 Legal requirements; 3.2 Training scope (as required by the regulations); 3.3 Training required; 3.4 Refresher training; 3.5 Other training considerations; 3.6 Modal guidance; 3.7 Sample syllabus; List of abbreviations; Copyright notes; References; 4 - Public relations for the nuclear transport industry; 4.1 Introduction; 4.2 Risk perception; 4.3 Historical overview; 4.4 Security concerns; 4.5 Risk communication; 4.6 Future trends; 4.7 Additional information; References 5 - Risk assessment approaches for the transport of radioactive material5.1 Introduction; 5.2 Routine, incident-free transportation; 5.3 Transport accidents in which the radioactive cargo is not damaged; 5.4 Transport accidents in which the radioactive cargo is damaged; 5.5

Transport accidents in which gamma shielding is lost; 5.6 Uncertainty in transport risk assessment; 5.7 Summary; References; 6 - Responding to emergencies associated with the transport of radioactive material; 6.1 Introduction - emergency response: a necessary contribution to transport safety; 6.2 Some significant events in radioactive material (RAM) transport - lessons drawn; 6.3 Existing international requirements and recommendations - future trends; 6.4 Roles and responsibilities for governmental and private, national and local organizations; 6.5 Specific instrumentation, equipment and assessment tools needed for response according to transport modes; 6.6 Other specific issues for transport emergency response organization: international issues; 6.7 Conclusions; 6.8 Further information and references; References; Part 2 - Package design and performance for transport; 7 - Structural performance of packages for radioactive materials; 7.1 Introduction; 7.2 Performance requirements; 7.3 From requirements to package layout; 7.4 Demonstration of package performance; 7.5 Conclusions; References; 8 - Thermal performance of transportation packages for radioactive materials; 8.1 Introduction; 8.2 Basics of heat transfer; 8.3 Regulatory aspects; 8.4 Heat loads; 8.5 Thermal design features; 8.6 Materials; 8.7 Thermal safety evaluations of the package; 8.8 Testing and analysis; 8.9 Summary and trends; References; 9 - Radiation protection by shielding in packages for radioactive materials

Sommario/riassunto

Safe and Secure Transport and Storage of Radioactive Materials reviews best practice and emerging techniques in this area. The transport of radioactive materials is an essential operation in the nuclear industry, without which the generation of nuclear power would not be possible. Radioactive materials also often need to be stored pending use, treatment, or disposal. Given the nature of radioactive materials, it is paramount that transport and storage methods are both safe and secure. A vital guide for managers and general managers in the nuclear power and transport industries, this book co
