Record Nr. UNINA9910786618503321 Autore Meredith Spencer Barrett, III. Titolo Nuclear energy safety and international cooperation: closing the world's most dangerous reactors / / Spencer Barrett Meredith, III Milton Park, Abingdon, Oxon:,: Routledge,, 2015 Pubbl/distr/stampa **ISBN** 1-317-70023-6 1-315-77969-2 1-317-70024-4 Descrizione fisica 1 online resource (165 p.) Collana Routledge Studies in Environmental Policy Disciplina 363.1799526 Nuclear power plants - Former Soviet republics - Safety measures Soggetti Nuclear power plants - Europe, Eastern - Safety measures Nuclear power plants - Safety measures - International cooperation Nuclear power plants - Safety regulations Nuclear power plants - Decommissioning 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 Cover; Title; Copyright; Dedication; Contents; Preface; Acknowledgements; 1 Political rules and nuclear safety; 2 Ukraine's uneasy past and uncertain future; 3 Armenia at the crossroads; 4 Lithuania reluctant but resolved to obey; 5 Bulgaria, what a strange trip it has been; 6 Overcoming Slovakia's Meciar problem; 7 Delaying disaster; Appendix A: Map of Soviet-designed reactors; Appendix B: Reactor locations, statuses, and designs; Appendix C: Chernobyl Unit 4 after April 1986 disaster; Index Sommario/riassunto Twenty-five years after the Chernobyl explosion, disaster struck once more after a tsunami overwhelmed the considerable safety measures at the Fukushima nuclear power plant in Japan. However, Fukushima had put in place a solid containment structure to reduce the spread of radiation in the event of a worst-case scenario; Chernobyl did not. These two incidents highlight the importance of such safety measures. which were critically lacking in an entire class of Soviet-designed reactors. This book examines why five countries operating these