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Descrizione fisica	1 online resource (377 pages) : Illustrations
Collana	Radioactive Risk Set ; ; Volume 3
Disciplina	621.4835
Soggetti	Nuclear power plants - Accidents - Prevention Nuclear power plants - Safety measures Nuclear power plants - Accidents
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Assessment and Perception of Nuclear Risk -- Lessons from the Past in the Field of Nuclear Accidents -- Research for the Future -- Management of the Emergency Phase of a Nuclear Accident -- Management of the Post-accident Phase -- Terrorist Attacks and Nuclear Security -- General Conclusions.
Sommario/riassunto	Detailing the estimation and perception of nuclear risk, this book follows military and civilian nuclear accidents, plus the systems put in place by national and international authorities for recording and analyzing feedback. Prevention and anticipation being the best defenses against a nuclear accident, the authorities have also categorized the different types of accidents, and are doing research to better understand and control them. In light of this, this book shows how the authorities take practical measures to protect neighboring populations and limit radioactive contamination of the environment. France's experience in this arena is well-documented and a chapter of this book is devoted to the fight against terrorist attacks in the nuclear

field. Nuclear Accidents is based on scientifically-recognized publications, as well as on reports from the various countries concerned, and the national and international organizations competent in this field (IAEA, WHO, UNSCEAR, IRSN, etc.).

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