1. Record Nr. UNINA9911148659703321

Autore	Walker J. Samuel
Titolo	Permissible dose : a history of radiation protection in the twentieth century / / J. Samuel Walker
Pubbl/distr/stampa	Berkeley, CA : , : University of California Press, , [2000] ©2001
ISBN	9786612356292 9781282356290 1282356291 9780520924840 0520924843 9781597348041 159734804X
Descrizione fisica	1 online resource (183 p.)
Classificazione	AR 25700
Disciplina	363.17/996/0904
Soggetti	Nuclear energy - Law and legislation - United States - History Radiation - Safety measures - History
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 and index.
Nota di contenuto	Front matter -- Contents -- Figures -- Preface -- I. The Discovery of Radiation and Its Hazards -- 2. The Debate over Nuclear Power and Radiation -- 3. The Role of Federal Agencies in Radiation Protection -- 4. New Controversies, New Standards -- 5. The Ambiguities of Radiation Effects -- Essay on Sources -- Index
Sommario/riassunto	How much radiation is too much? J. Samuel Walker examines the evolution, over more than a hundred years, of radiation protection standards and efforts to ensure radiation safety for nuclear workers and for the general public. The risks of radiation-caused by fallout from nuclear bomb testing, exposure from medical or manufacturing procedures, effluents from nuclear power, or radioactivity from other sources-have aroused more sustained controversy and public fear than any other comparable industrial or environmental hazard. Walker clarifies the entire radiation debate, showing that permissible dose levels are a key to the principles and practices that have prevailed in

the field of radiation protection since the 1930's, and to their highly charged political and scientific history as well.