1. Record Nr. UNINA9910780082003321 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 1-282-35629-1 0-520-92484-3 1-59734-804-X Descrizione fisica 1 online resource (183 p.) Classificazione AR 25700 Disciplina 363.17/996/0904 Nuclear energy - Law and legislation - United States - History Soggetti 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.