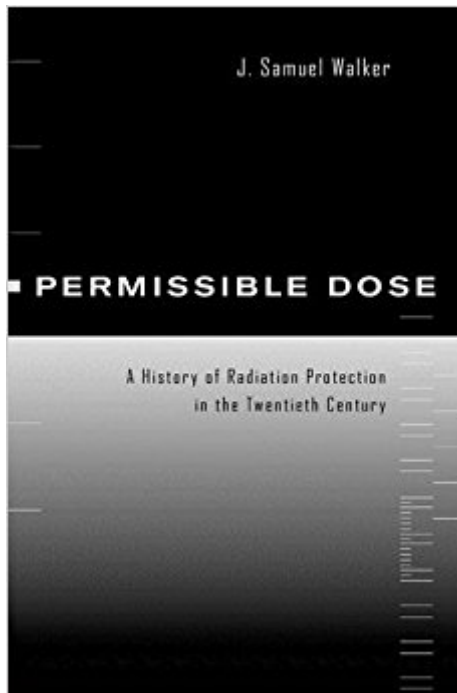


The book was found

# Permissible Dose: A History Of Radiation Protection In The Twentieth Century



## Synopsis

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 1930s, and to their highly charged political and scientific history as well.

## Book Information

Hardcover: 189 pages

Publisher: University of California Press; 1 edition (November 6, 2000)

Language: English

ISBN-10: 0520223284

ISBN-13: 978-0520223288

Product Dimensions: 6.3 x 0.8 x 9.4 inches

Shipping Weight: 13.6 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars— See all reviews— (1 customer review)

Best Sellers Rank: #2,440,601 in Books (See Top 100 in Books) #58 in Books > Science & Math > Chemistry > Nuclear Chemistry #1559 in Books > Science & Math > Physics > Nuclear Physics #6799 in Books > Science & Math > Environment > Environmentalism

## Customer Reviews

I have to start with the assumption that the reader has some interest in public health, regulation, environmentalism, health physics, or nuclear power since "Permissible Dose" is focused specifically on the evolution of radiation protection standards in the United States in the past century. This is not a book for a beginner looking to understand the biological effects of radiation. That said, "Permissible Dose" by J. Samuel Walker is a solid and readable history of a very specific topic. Well referenced, it is a surprisingly fast read, detailing the history of the Atomic Energy Commission (AEC) and its successor, the Nuclear Regulatory Commission (NRC), in its role to protect the health and safety of workers and the public. Walker is the historian of the NRC and he does an admirable job presenting the conflicts within the agency and without. Although the book was written in 2000,

most of the major controversies in radiation protection had been settled by that time, save the linear no-threshold theory which gets ample coverage in "Permissible Dose" To those familiar with regulation, it is not surprising to find most of the controversies in radiation protection are based more on intergovernmental turf battles and anti-nuclear politics rather than on evidence. Bitter feuds within the ICRP, for example, were over whether low-level radiation risk was "negligible or less-than-negligible". Important issues such as the dose received by temporary power plant workers are well represented in this history, showing that regulatory agencies were acutely aware of potential problems during the early growth period of nuclear power.

[Download to continue reading...](#)

Permissible Dose: A History of Radiation Protection in the Twentieth Century Atoms, Radiation, and Radiation Protection Atoms, Radiation, and Radiation Protection, 2nd Edition The Constitutional Common-Law Trust : Liability Protection Asset Protection Income Protection Radiation Monitoring and Dose Estimation of the Fukushima Nuclear Accident Magnetism and Synchrotron Radiation: Towards the Fourth Generation Light Sources: Proceedings of the 6th International School "Synchrotron Radiation ... 2012 (Springer Proceedings in Physics) NUF Cram Notes: Rennhack's Concise Study Guide for the Contract Radiation Protection Technician Nuclear Utilities Fundamentals (NUF) Exam Essentials of Radiation Biology and Protection Ionizing Radiation Protection and Dosimetry Radiation Protection: A Guide for Scientists and Physicians, Third Edition Nematode Pathogenesis of Insects and Other Pests: Ecology and Applied Technologies for Sustainable Plant and Crop Protection (Sustainability in Plant and Crop Protection) The Fine Art of Executive Protection: Handbook for the Executive Protection Officer Guidelines for Initiating Events and Independent Protection Layers in Layer of Protection Analysis No Man's Land: Jamaican Guestworkers in America and the Global History of Deportable Labor (Politics and Society in Twentieth-Century America) Korea's Twentieth-Century Odyssey: A Short History Anthology of Twentieth-Century Music (The Norton Introduction to Music History) Libraries and the Reading Public in Twentieth-Century America (Print Culture History in Modern America) When Affirmative Action Was White: An Untold History of Racial Inequality in Twentieth-Century America Cities of Tomorrow: An Intellectual History of Urban Planning and Design in the Twentieth Century Science Fiction of the 20th Twentieth Century An Illustrated History

[Dmca](#)