Introduction to Radiation Protection, An

A highly-readable account of the nature of the hazards presented by ionizing radiation and the methods of protection for those new to the field, and for the non-specialist.

The sixth edition of this established text takes the reader through the general background to the subject, the technical principles underlying the control of radiation hazards, radiation detection and measurement and the biological effects of radiation. These are followed by a consideration of radiation protection issues in the nuclear industry, the non-nuclear sector and the medical field. Further specialised topics include risk assessment, waste management and decommissioning, radiological incidents and emergencies, relevant legislation and organizational issues. An Introduction to Radiation Protection remains an ideal introduction for those working in the nuclear industry, for nuclear medicine technicians, radiographers and medical physics technicians, for health & safety executives and occupational health professionals, and is an invaluable companion for anyone training or undertaking a course in radiation protection.

Publication Year: 2012
Edition: 6th
Author/Editor: Martin, Alan; Harbison, Sam; Beach, Karen; Cole, Pete
Publisher: CRC Press
Doody's Star Rating®: ★★★ Score: 80
Platform: Ovid
Product Type: Book
Speciality: Imaging Technology, Occupational & Environmental Medicine, Occupational Therapy, Radiology
Language: English
Pages: 256
Illustrations: 0