



Radiation Exposure Level and Effects

Ronald L. Conte Jr.

Download now

Read Online 

[Click here](#) if your download doesn't start automatically

Radiation Exposure Level and Effects

Ronald L. Conte Jr.

Radiation Exposure Level and Effects Ronald L. Conte Jr.

This booklet examines different levels of radiation exposure and their effects. The radiation might be from a nuclear power plant disaster, or a dirty bomb, or fallout from a nuclear explosion. The different levels of radiation are categorized by the associated negative health effects, risk of cancer, and risk of death. This booklet also proposes a new method of classifying radiation exposure level (REL), based on the range of accumulated dosage. Each level of exposure is designated by a letter, a word or phrase, a color code, and a range of accumulated radiation exposure in sieverts.

REL = Radiation Exposure Level (A through F3)

A: Normal -- less than 15 mSv/year [green]

B: Elevated -- 15 to 50 mSv [green]

C: Caution -- 50 to 100 mSv [yellow]

D: Danger -- 100 to 500 mSv [yellow]

E: Emergency -- 500 to 1,500 mSv (0.5 to 1.5 Sv) [orange]

F1: Fatality Threshold -- 1.5 to 2.0 Sv [red]

F2: Many Fatalities -- 2.0 to 5.0 Sv [red]

F3: near 100% Fatal -- 5.0 to 6.0 Sv and higher [black]

Later sections in the booklet discuss treatment for exposure to radioactive isotopes -- including radioactive iodine, cesium, plutonium, americium, curium, strontium, radium, and uranium -- using various Over-The-Counter and prescription medications. Of particular interest is possible treatment for exposure to certain radioactive isotopes using widely available OTC antacids and calcium supplements. The final section discusses the decision to evacuate an area, based on the anticipated Radiation Exposure Level.

Table of Contents:

Introduction

1. Lethal Dose (LD50)

2. Cancer Risk

3. Level of Exposure and Effects

4. Classification of Radiation Exposure Level

5. Current Reading and Accumulated Exposure

6. Treatment with Potassium Iodide

7. Treatment with Prussian Blue

8. Treatment with DTPA

9. Treatment with Antacids and Calcium Supplements

10. Treatment with Sodium Bicarbonate

11. A Word of Caution

12. Evacuation of a Contaminated Area

Endnotes

Information in the booklet is taken from a variety of authoritative and reliable sources, including: government agencies (Nuclear Regulatory Commission, EPA, CDC, FDA, HHS), the book *Medical Implications of Nuclear War*, the National Council on Radiation Protection, and various university and medical publications. If a radiation emergency occurs, this brief inexpensive booklet could help save your

life.

 [Download Radiation Exposure Level and Effects ...pdf](#)

 [Read Online Radiation Exposure Level and Effects ...pdf](#)

Download and Read Free Online Radiation Exposure Level and Effects Ronald L. Conte Jr.

Download and Read Free Online Radiation Exposure Level and Effects Ronald L. Conte Jr.

From reader reviews:

Eloisa Hurd:

The book Radiation Exposure Level and Effects gives you the sense of being enjoy for your spare time. You can utilize to make your capable considerably more increase. Book can to be your best friend when you getting stress or having big problem with your subject. If you can make reading a book Radiation Exposure Level and Effects for being your habit, you can get far more advantages, like add your capable, increase your knowledge about some or all subjects. It is possible to know everything if you like open and read a book Radiation Exposure Level and Effects. Kinds of book are a lot of. It means that, science publication or encyclopedia or other people. So , how do you think about this book?

Linda McGrane:

Hey guys, do you wants to finds a new book to see? May be the book with the subject Radiation Exposure Level and Effects suitable to you? Often the book was written by renowned writer in this era. The book untitled Radiation Exposure Level and Effects is the main of several books which everyone read now. This specific book was inspired many men and women in the world. When you read this guide you will enter the new age that you ever know ahead of. The author explained their thought in the simple way, consequently all of people can easily to recognise the core of this publication. This book will give you a large amount of information about this world now. So you can see the represented of the world in this book.

Patricia Beall:

The actual book Radiation Exposure Level and Effects will bring you to definitely the new experience of reading the book. The author style to explain the idea is very unique. In case you try to find new book to see, this book very appropriate to you. The book Radiation Exposure Level and Effects is much recommended to you to see. You can also get the e-book from official web site, so you can easier to read the book.

Stella Neal:

In this period of time globalization it is important to someone to acquire information. The information will make you to definitely understand the condition of the world. The healthiness of the world makes the information quicker to share. You can find a lot of sources to get information example: internet, magazine, book, and soon. You can view that now, a lot of publisher in which print many kinds of book. Typically the book that recommended to your account is Radiation Exposure Level and Effects this reserve consist a lot of the information in the condition of this world now. This particular book was represented how does the world has grown up. The words styles that writer use to explain it is easy to understand. Typically the writer made some investigation when he makes this book. Honestly, that is why this book acceptable all of you.

**Download and Read Online Radiation Exposure Level and Effects
Ronald L. Conte Jr. #JBPQD9TU2RA**

Read Radiation Exposure Level and Effects by Ronald L. Conte Jr. for online ebook

Radiation Exposure Level and Effects by Ronald L. Conte Jr. Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Radiation Exposure Level and Effects by Ronald L. Conte Jr. books to read online.

Online Radiation Exposure Level and Effects by Ronald L. Conte Jr. ebook PDF download

Radiation Exposure Level and Effects by Ronald L. Conte Jr. Doc

Radiation Exposure Level and Effects by Ronald L. Conte Jr. Mobipocket

Radiation Exposure Level and Effects by Ronald L. Conte Jr. EPub

Radiation Exposure Level and Effects by Ronald L. Conte Jr. Ebook online

Radiation Exposure Level and Effects by Ronald L. Conte Jr. Ebook PDF