

Contents

Preface	ix
Introduction	I
Notation	9
Radiation Doses and Background	9
1 Radon Units, Standards, and Related Items	13
2 Uranium and Thorium in the Earth's Crust	23
3 Radioactive Decay of Uranium and Thorium; Radon and Radon Daughters	53
4 Health Effects of Radon and Radon Progeny	63
5 Radon Entry: Sources and Mechanisms	85
6 Radon Detection Methods	107
7 Radon Studies in the United States	119
8 Remedial Action Methods in the United States	149
9 Radon Studies in Countries Other than The United States	165

10	Economic Uses of Radon Emanations	173
11	Radon Versus Other Risks	183
12	Some Conclusions and Recommendations	191
	Appendix	197
	Glossary	207
	References	213
	Index	223