

CONTENTS

	Page
FOREWORD	v
1. INTRODUCTION	1
2. METABOLISM OF RADIONUCLIDES	2
Entry of radionuclides into the body	2
Translocation and deposition	5
Elimination	6
3. MONITORING METHODS AND PROGRAMS	6
Monitoring methods	7
Monitoring programs	11
4. CALCULATION OF RADIATION DOSE	12
5. INDICATIONS FOR INVESTIGATION	16
Investigation levels	16
Derived investigation levels	17
Subsequent investigations	20
REFERENCES	21
APPENDIX A: Tabulation of metabolic information from ICRP publications 2 and 6	24
APPENDIX B: Mathematical formulation of retention of radionuclides	24
APPENDIX C: Data on individual radionuclides	28