

Contents

1	National Veterinary Services Roles and Responsibilities in Preparing for and Responding to Nuclear and Radiological Emergencies	1
	Gary Vroegindewey	
2	Short Refresher of Radiobiology	13
	Viktar S. Averyn	
3	Measurement of Radioactivity	29
	Viktar S. Averyn	
4	Preparedness and Response to Nuclear and Radiological Emergencies in Animal Production Systems in the Context of IAEA Safety Standards	35
	Kevin Kelleher	
5	Environmental Pathways of Radionuclides to Animal Products in Different Farming and Harvesting Systems	53
	Brenda Howard	
6	Management Options for Animal Production Systems: Which Ones to Choose in the Event of a Nuclear or Radiological Emergency?	107
	Anne Nisbet	
7	Information Systems in Support of the Decision-Making Tools	127
	Joint FAO/IAEA Centre of Nuclear Techniques in Food and Agriculture	
	Annexes	133