

1. Record Nr.	UNINA9910455395603321
Titolo	Medical isotope production without highly enriched uranium [[electronic resource] /] / Committee on Medical Isotope Production Without Highly Enriched Uranium, Nuclear and Radiation Studies Board, Division of Earth and Life Studies, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2009
ISBN	1-282-23924-4 9786612239243 0-309-13040-9
Descrizione fisica	1 online resource (221 p.)
Disciplina	546.431
Soggetti	Uranium - Isotopes - Therapeutic use Highly enriched uranium - Isotopes - Therapeutic use Molybdenum - Isotopes - Therapeutic use Technetium - Isotopes - Therapeutic use Radioisotopes - Therapeutic use Nuclear medicine - Standards - United States Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 163-167).
Nota di contenuto	""Preface""; ""Acknowledgments""; ""Reviewers""; ""Contents""; ""Summary""; ""1 Background and Study Task""; ""2 Molybdenum-99/Technetium-99m Production and Use""; ""3 Molybdenum-99/Technetium-99m Supply""; ""4 Molybdenum-99/Technetium-99m Supply Reliability""; ""5 Molybdenum-99/Technetium-99m Demand""; ""6 Molybdenum-99/Technetium-99m Production Costs""; ""7 Conversion to LEU-Based Production of Molybdenum-99: Technical Considerations""; ""8 Conversion to LEU-Based Production of Molybdenum-99: Regulatory Considerations"" ""9 Conversion to LEU-Based Production of Molybdenum-99: General Approaches and Timing""; ""10 Conversion to LEU-Based Production of Molybdenum-99: Prospects and Feasibility""; ""11 Progress in

Eliminating HEU Use"; ""References""; ""Appendix A: Section 630 of the Energy Policy Act of 2005""; ""Appendix B: Biographical Sketches of Committee Members""; ""Appendix C: Presentations and Visits"";
""Appendix D: Alternative Molybdenum-99 Production Processes"";
""Appendix E: Correspondence with Atomic Energy of Canada Limited"";
""Appendix F: Present Value Calculation""; ""Appendix G: Glossary""
""Appendix H: Acronyms""
