

1. Record Nr.	UNINA9910960095903321
Titolo	The impact of low-level radioactive waste management policy on biomedical research in the United States // Committee on the Impact of Low-Level Radioactive Waste Management Policy on Biomedical Research in the United States, Board on Radiation Effects Research, Commission on Life Sciences, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, c2001
ISBN	9786610184835 9780309183420 0309183421 9781280184833 1280184833 9780309565196 0309565197
Edizione	[1st ed.]
Descrizione fisica	1 online resource (66 p.)
Collana	Compass series
Disciplina	363.7289097306
Soggetti	Radioactive wastes - Management - Government policy - United States Radioactive waste disposal - Government policy - United States Radioactive wastes - Management
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. 44-48).
Nota di contenuto	""The Impact of Low-Level Radioactive Waste Management Policy on Biomedical Research in the United States""; ""Copyright""; ""PREFACE""; ""ACKNOWLEDGMENTS""; ""CONTENTS""; ""EXECUTIVE SUMMARY""; ""1 INTRODUCTION""; ""BACKGROUND OF THIS REPORT""; ""BACKGROUND TO LLRW-MANAGEMENT POLICY""; ""A. Medicine""; ""Diagnosis""; ""Treatment""; ""B. Biomedical Research""; ""C. Nuclear Power Plants""; ""2 CHARACTERISTICS OF LOW-LEVEL RADIOACTIVE WASTE""; ""3 CHALLENGES TO THE BIOMEDICAL INVESTIGATOR""; ""REGULATION""; ""DISPOSAL COST""; ""ACCESS TO DISPOSAL""; ""Legal Framework"" ""Current Status of Disposal""""Testing the System: Closures of Barnwell""; ""Michigan""; ""North Carolina""; ""Barnwell Disposal Site Closure: 1994-1995""; ""Changes - Barnwell and Envirocare""; ""4

ADAPTATIONS AND WASTE MINIMIZATIONS"; "OVERVIEW";
"IMPROVED MANAGEMENT"; "STORAGE PRACTICES"; "TREATMENT
PRACTICES"; "LLRW DISPOSAL PRACTICES"; "MINIMIZING THE USE OF
RADIOACTIVE MATERIALS"; "USE OF NONRADIOLOGICAL MATERIALS";
"5 CONCLUSIONS"; "6 RECOMMENDATIONS"; "APPENDIX A Cost
Trade off Analysis"; "REFERENCES"; "GLOSSARY"; "COMMITTEE
BIOGRAPHIES"
"STUDY DIRECTOR BIOGRAPHY"

Sommario/riassunto

The National Research Council's Committee on the Impact of Low-Level Radioactive Waste Management Policy on Biomedical Research in the United States was called on to assess the effects of the low-level radioactive waste management policy on the current and future activities of biomedical research. This report provides an assessment of the effects of the current management policy for low-level radioactive waste (LLRW), and resulting consequences, such as higher LLRW disposal costs and onsite storage of LLRW, on the current and future activities of biomedical research. That assessment will include evaluating the effects that the lack of facilities and disposal capacity, and rules of disposal facilities, have on institutions conducting medical and biological research and on hospitals where radioisotopes are used for the diagnosis and treatment of disease.
