

Contents

	<i>Page</i>
Introduction	1
Part I: The Library of Congress Mass Deacidification Program	9
Chapter 1. Overview	13
Chapter 2. The DEZ Process and its Development	23
Chapter 3. Effectiveness of the DEZ Process	37
Chapter 4. Costs	51
Chapter 5. Safety	59
Chapter 6. Health and Environment Effects	77
Part II: Comparison of Alternatives for Book Preservation & Deacidification	83
Chapter 7. Alternatives	87
Appendix A. Definition of Terms	107
Appendix B. Library of Congress' Operating Cost Estimates for Full-Scale Mass Deacidification Facility, November 1987	109
Appendix C. Library of Congress' Capital Cost Estimates for Full-Scale Mass Deacidification Facility, November 1987	112
Appendix D. Suggestions for Standard Paper Testing for Deacidification Quality Control by National Bureau of Standards, 1987	116
Appendix E. List of Papers and Presentations on the DEZ Process by the Staff of the Library of Congress From 1974-86	117

