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Autore	Bradlow Daniel D
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Nota di contenuto	Cover; Contents; Foreword; Abstract; Acknowledgments; Acronyms and Abbreviations; INTRODUCTION; PART ONE: Country Study of Regulatory Frameworks for Dam Safety; Argentina; Australia; Austria; Brazil; Canada; China; Finland; France; India; Ireland; Latvia; Mexico; New Zealand; Norway; Portugal; Romania; Russian Federation; Republic of South Africa; Spain; Switzerland; United Kingdom; United States; PART TWO: Comparative Analysis of Dam Safety Regulatory Frameworks; The Form of the Regulation; The Institutional Arrangements; The Powers of the Regulating Authority The Contents of the Regulatory SchemePART THREE: Essential Elements, Desirable Elements, and Emerging Trends for Dam Safety; The Essential Elements of a Regulatory Scheme; Elements That Would Be Desirable to Include in a Regulatory Scheme; Emerging Trends in Dam Safety Regulation; Institutional Arrangements; The Contents of the Regulatory Scheme; CONCLUSION; APPENDIX I: World Bank: Operational Policy 4.37 on the Safety of Dams; APPENDIX II: World Bank: Bank Procedure 4.37 on the Safety of Dams APPENDIX III: World Bank: Bank Procedure 4.37 on the Safety of Dams, Annex A on Dam Safety Reports: Content and TimingAPPENDIX IV:

Republic of South Africa, 1998 National Water Act, Chapter 12: Safety of Dams; APPENDIX V: British Columbia, Canada, Dam Safety Regulation; APPENDIX VI: Canadian Dam Association: Sample Operations, Maintenance, and Surveillance Manual; APPENDIX VII: Selected Legislation on Dam Safety and Additional Information Sources

Sommario/riassunto

Regulatory Frameworks for Dam Safety' was conceived and prepared in response to growing concern over the safety of dams. Given the large number of dams around the world, the safe operation of dams has significant social, economic, and environmental relevance. A dam failure can result in extremely adverse impacts, including a large-scale loss of human life. For countries with large stocks of dams, the issue of dam safety is critical. The book examines the dam safety regulatory frameworks of 22 countries. It draws comparisons and highlights similarities among the various systems. Most important,