Scientific Basis for Nuclear Waste Management XXXII
Scientific Basis for Nuclear Waste Management XXXII

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PREFACE

Symposium Q, "Scientific Basis for Nuclear Waste Management XXXII," was held December 1–5 at the 2008 MRS Fall Meeting in Boston, Massachusetts. The scientific program featured 72 oral and 34 poster presentations, from 15 countries, covering: national research programs; advanced fuel cycles; behavior of spent nuclear fuel; nuclear waste glasses and vitrification; ceramic wasteforms; engineered barrier systems and the near field; cementitious wasteforms; geological disposal; container corrosion; wasteform performance and natural analogues; migration and colloids. The symposium featured a special focus session on Yucca Mountain, and a joint session on actinide fuels and wasteforms with Symposium O, "Structure/Property Relationships in Fluorite-Derivative Compounds."

The success of this 32nd Scientific Basis for Nuclear Waste Management symposium and the publication of this volume is the result of contributions from many people. We thank the Session Chairs for their assistance in delivering the symposium: Graham Fairhall, Virginia Oversby, Michael Ojovan, Karl Whittle, Nicholas Collier, Paul Bingham, Ricardo Carranza, Xihua He, Fraser King, Melody Carter, Martin Stennett, Edgar Buck, and Joe Small. We are grateful to our Symposium Assistant, Daniel Reid, for his help in ensuring that the symposium ran smoothly. We also wish to thank the many participants who reviewed the manuscripts published in this proceedings volume. We also thank the entire MRS staff for their impeccable support in organizing the symposium and in the production of this volume.

On behalf of the symposium participants, we wish to record our particular thanks to Lars Werme and Virginia Oversby as Chair and Secretary, respectively, of the international advisory committee, for their dedication to the Symposium on the Scientific Basis for Nuclear Waste Management. The new Chair, Neil Hyatt, was elected by the international advisory committee during the 2008 MRS Fall Meeting.

We gratefully acknowledge the generous support of our symposium sponsors:

- CEA Marcoule (France)
- GE Global Research (USA)
- National Nuclear Laboratory (UK)
- Southwest Research Institute (USA)

We look forward to meeting again in St. Petersburg, Russia, for the 33rd symposium which begins May 24, 2009; in San Francisco, USA, for the 34th symposium which will be held at the 2010 MRS Spring Meeting which starts April 5, 2010; and in Buenos Aires, Argentina, for the 35th symposium which commences on October 2, 2011.

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March 2009
MATERIALS RESEARCH SOCIETY SYMPOSIUM PROCEEDINGS


