

ZIRCONIUM IN THE NUCLEAR INDUSTRY

*Proceedings of the Third
International Conference*

LOWE/PARRY, editors

STP 633



AMERICAN SOCIETY FOR TESTING AND MATERIALS

ZIRCONIUM IN THE NUCLEAR INDUSTRY

Proceedings of the Third International
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on Reactive and Refractory Metals and Alloys
AMERICAN SOCIETY FOR
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Foreword

The Third International Conference on Zirconium in the Nuclear Industry was held 10–12 Aug. 1976, in Quebec City, Canada. This symposium was sponsored by the American Society for Testing and Materials (ASTM) Committee B-10 on Refractory Metals and Alloys in cooperation with the Canadian Nuclear Association (CNA), Metal Properties Council (MPC), and the Nuclear Metallurgy Committee of the American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME). Program planning was done jointly by representatives of the ASTM Subcommittee B10.02 on Zirconium and Hafnium and the Canadian Nuclear Association. G. W. Parry, Combustion Engineering, Inc., and A. L. Lowe, Jr., The Babcock & Wilcox Company, served as the conference co-chairmen. The conference committee included C. E. Ells, Atomic Energy of Canada, N. A. Graham, Westinghouse Canada, John Jonas, McGill University, D. E. Thomas, Westinghouse Electric, and H. M. Cobb, ASTM Staff.

The session chairman and co-chairmen included M. L. Picklesimer, U.S. Nuclear Regulatory Commission, J. T. A. Roberts, Electric Power Research Institute, Brian Cox, Atomic Energy of Canada, Ltd., H. S. Rosenbaum, General Electric, S. D. Harkness, Combustion Engineering, Inc., F. A. Nichols, Bettis Atomic Power, Windsor Evans, Atomic Energy of Canada, Ltd., John H. Schemel, Sandvik Special Metals Corp., Donald Mills, Ontario Hydro, and P. J. Pankaskie, Battelle Pacific Northwest Laboratories.

The co-chairmen wish to express their sincere thanks to the many people who contributed so much of their time and effort to ensure the success of the conference.

Related ASTM Publications

Quality Systems in the Nuclear Industry, STP 616 (1977), \$37.75, 04-616000-34

Zirconium in Nuclear Applications, STP 551 (1974), \$44.50, 04-551000-35

Properties of Reactor Structural Alloys after Neutron or Particle Irradiation, STP 570 (1976), \$59.50, 04-570000-35

ASTM Manual on Zirconium and Hafnium, STP 639 (1977), \$9.50, 04-539000-35

A Note of Appreciation to Reviewers

This publication is made possible by the authors and, also, the unheralded efforts of the reviewers. This body of technical experts whose dedication, sacrifice of time and effort, and collective wisdom in reviewing the papers must be acknowledged. The quality level of ASTM publications is a direct function of their respected opinions. On behalf of ASTM we acknowledge their contribution with appreciation.

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