

ZIRCONIUM IN THE NUCLEAR INDUSTRY

*Proceedings of the Fourth
International Conference*

ASTM STP 681

**AMERICAN SOCIETY FOR
TESTING AND MATERIALS**

ZIRCONIUM IN THE NUCLEAR INDUSTRY

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AMERICAN SOCIETY FOR
TESTING AND MATERIALS
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J. H. Schemel, conference chairman
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Foreword

The Fourth International Conference on Zirconium in the Nuclear Industry was held 26-29 June 1978, in Stratford-upon-Avon, England. This conference was sponsored by the American Society for Testing and Materials (ASTM) Committee B10 on Refractory Metals and Alloys in cooperation with the American Nuclear Society, the British Nuclear Energy Society, and The Metals Society (U.K.). The program was planned by representatives of ASTM Subcommittee B10.02 on Zirconium and Hafnium and K. G. Sumner of British Nuclear Fuels, Ltd. J. H. Schemel, Sandvik Special Metals Corp., and K. G. Sumner, BNFL, served as the conference co-chairmen, T. P. Papazoglou, The Babcock & Wilcox Company, as editorial chairman, and H. M. Cobb, ASTM Staff, as conference coordinator.

The conference committee included M. Bocek, Kernforschungszentrum Karlsruhe, R. A. Holt, Atomic Energy of Canada, Ltd., G. H. Inglis, British Nuclear Fuels, Ltd., H. H. Klepfer, General Electric Company, A. L. Lowe, Jr., Babcock & Wilcox Company, G. W. Parry, Combustion Engineering, Inc., M. L. Picklesimer, U.S. Nuclear Regulatory Commission, D. O. Pickman, U.K. Atomic Energy Authority, E. Tenckhoff, Kraftwerk Union, and D. E. Thomas, Westinghouse Electric Corporation. These gentlemen also served as session chairmen along with B. Cox, Atomic Energy of Canada, Ltd., and T. J. Heal, British Nuclear Fuels, Ltd. who replaced G. H. Inglis.

Related ASTM Publications

Zirconium in the Nuclear Industry, STP 633 (1977), \$55.50, 04-633000-35

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

Radiation Effects Information Generated on the ASTM Reference Correlation—Monitor Steels, DS 54 (1974), \$9.75, 05-054000-35

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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