

ZIRCONIUM IN THE NUCLEAR INDUSTRY

*Proceedings of the
Fifth International
Conference*

D. G. Franklin, *editor*



STP 754

ZIRCONIUM IN THE NUCLEAR INDUSTRY

Proceedings of the
Fifth International
Conference

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Reactive and Refractory
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Foreword

The Fifth International Conference on Zirconium in the Nuclear Industry was held 4–7 Aug. 1980 in Boston, Massachusetts. The conference was sponsored by the American Society for Testing and Materials' Committee B-10 on Reactive and Refractory Metals and Alloys in cooperation with the American Nuclear Society. D. G. Franklin, Electric Power Research Institute, served as editor of this publication.

Program planning was performed by representatives of the ASTM Subcommittee B10.02 on Zirconium and Hafnium. T. P. Papazoglou, Babcock and Wilcox Co., served as conference chairman, Erich Tenckhoff, Kraftwerk Union, as cochairman, and D. G. Franklin as editorial chairman.

The session chairman and cochairman included E. F. Baroch, consultant, and M. L. Picklesimer, U.S. Nuclear Regulatory Commission, R. B. Adamson, General Electric Co., H. Stehle, Kraftwerk Union, A. K. Miller, Stanford University, G. W. Parry, Combustion Engineering, A. L. Lowe, Babcock and Wilcox, D. O. Pickman, UKAEA, B. Cox, Atomic Energy of Canada, Ltd., and D. E. Thomas, Westinghouse Electric.

Related ASTM Publications

**Industrial Applications of Titanium and Zirconium, STP 728 (1981), \$24.75,
04-728000-05**

Effects of Radiation on Materials, STP 725 (1981), \$60.00, 04-725000-35

**Zirconium in the Nuclear Industry (Fourth Conference), STP 681 (1979),
\$52.50, 04-681000-35**

Manual on Zirconium and Hafnium, STP 639 (1977), \$9.50, 04-639000-35

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

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 with appreciation their contribution.

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