



EFFECTS OF RADIATION ON MATERIALS

*Proceedings of the
Tenth International
Symposium*

Kramer/Brager/Perrin, editors



STP 725

**AMERICAN SOCIETY FOR
TESTING AND MATERIALS**

EFFECTS OF RADIATION ON MATERIALS

Proceedings of the
Tenth International
Symposium

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Nuclear Technology
and Applications
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Foreword

The Tenth International Symposium on Effects of Radiation on Materials was held in Savannah, Georgia, 3-5 June 1980. The symposium was sponsored by the American Society for Testing and Materials through its Committee E-10 on Nuclear Technology and Applications. David Kramer, Rockwell International, presided as chairman of the symposium with H. R. Brager, Westinghouse Hanford Company, and J. S. Perrin, Battelle Columbus Laboratories, as cochairs. David Kramer, H. R. Brager, and J. S. Perrin are editors of this publication.

Related ASTM Publications

Effects of Radiation on Structural Materials, STP 683 (1979), \$58.50,
04-683000-35

Irradiation Effects on the Microstructural and Properties of Metals, STP 611
(1978), \$49.00, 04-611000-35

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

Effects of Radiation on Substructure and Mechanical Properties of Metals
and Alloys, STP 529 (1973) \$49.50, 04-529000-35

Irradiation Effects on Structural Alloys for Nuclear Reactor Applications,
STP 484 (1971), \$49.25, 04-484000-35

Analysis of Reactor Vessel Radiation Effects Surveillance Programs, STP
481 (1970), \$26.00, 04-481000-35

Nuclear Reactor Energy Spectra, DS 52 (1974), \$26.00, 05-052000-35

Manual of Coating Work for Light-Water Nuclear Power Primary Contain-
ment and Other Safety-Related Facilities—First Edition (1979),
\$57.50, 03-401079-14

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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