

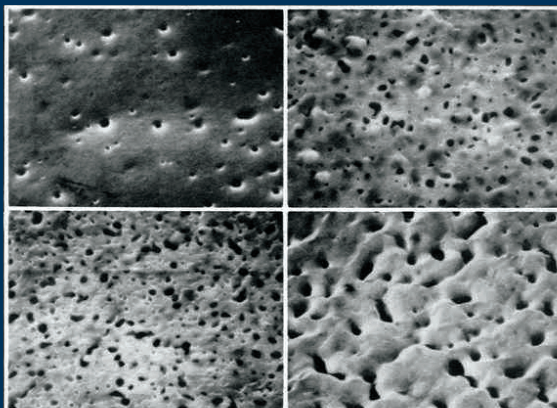


ASTM INTERNATIONAL  
Selected Technical Papers

# Effects of Radiation on Materials

12th International Symposium  
Volume II

STP 870  
Editors  
Garner  
Perrin



# **EFFECTS OF RADIATION ON MATERIALS: TWELFTH INTERNATIONAL SYMPOSIUM**

## **Volume II**

**A symposium  
sponsored by ASTM  
Committee E-10 on Nuclear  
Technology and Applications  
Williamsburg, VA, 18-20 June 1984**

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## Foreword

The symposium on *Effects of Radiation on Materials: Twelfth International Symposium* contains papers presented at the Twelfth International Symposium on the Effects of Radiation on Materials. The symposium was sponsored by ASTM Committee E-10 on Nuclear Technology and Applications. J. S. Perrin, Office of Nuclear Waste Isolation, presided as chairman with F. A. Garner, Westinghouse Hanford Company, and J. J. Koziol, Combustion Engineering, Inc., as cochairmen. J. S. Perrin and F. A. Garner are editors of this publication.

## **Related ASTM Publications**

**Effects of Radiation on Materials (11th Conference), STP 782 (1982),  
04-782000-35**

**Effects of Radiation on Materials (10th Conference), STP 725 (1981),  
04-725000-35**

**Effects of Radiation on Structural Materials (9th Conference), STP 683  
(1979), 04-683000-35**

**Effects of Radiation on Structure and Mechanical Properties of Metal, STP  
529 (1973), 04-529000-35**

## A Note of Appreciation to Reviewers

The quality of the papers that appear in this publication reflects not only the obvious efforts of the authors but also the unheralded, though essential, work of the reviewers. On behalf of ASTM we acknowledge with appreciation their dedication to high professional standards and their sacrifice of time and effort.

*ASTM Committee on Publications*

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