

EDITOR'S BOOK REVIEWS

Editor's Book Reviews are addressed to books that are primarily compilations of data and statistical information.



A Guide to Radiation Protection

Author J. Craig Robertson
Publisher Halsted Press (1976)
Pages 86
Price \$9.95

This book is predominantly meant for those who have very little scientific background and, therefore, is written generally in a rather introductory manner; however, it covers the subject quite well. It stresses, primarily, the rules and regulations presently in use in the United Kingdom; however, it does make reference to those in other countries. As the author states in the preface, the book would be an excellent book for those teaching the lay public the problems and properties of radiation and radiation protection. *MEW*

Radiation Protection by Shielding

Author Paul Friedrich Saueremann
Publisher Karl Thiemig Press, Munich (1976)
Pages 183
Price \$19.80

This book consists primarily of a discussion on how to do shielding calculations for various types of shielding materials in accordance with the rules and regulations of the West German Government, which are quite similar to those of the U.S. Nuclear Regulatory Commission. The majority of the book deals with tables of attenuation factors for various materials as a function of en-

ergy to permit quick calculations of shielding thickness for a given radiation source. The book is in both German and English and is handy for those who want a quick way to do radiation shielding calculations and do not want to bother with detailed mathematics and the theory of shielding and buildup. *MEW*

The Nuclear Air Cleaning Handbook

Authors C. A. Burchsted, A. B. Fuller, and J. E. Kahn
Publisher U.S. Energy Research and Development Administration (1976)
Pages 290
Price \$9.75; microfiche \$2.25

This handbook is a revision of ORNL/MSIC-65, *Design, Construction and Testing of High Efficiency Air Filtration Systems for Nuclear Applications*, which was issued in January 1970. However, the title has been shortened to *Nuclear Air Cleaning Handbook* and is now published as ERDA 76-21. The purpose of the handbook is to help ensure safe operation in nuclear facilities with regard to gaseous effluence and is part of the ERDA program aimed at the effective control of gaseous effluence. This handbook digests the background data available in this area, evaluates them, and provides guidance to the engineer and technologist in the design of facilities. It is a very detailed overview of the area of air cleaning and nuclear facilities and is a valuable manual for those involved in design in this

area of nuclear facilities, reprocessing plants, power plants, etc. *MEW*

World Survey of Major Facilities in Controlled Fusion Research

Compiler International Atomic Energy Agency
Publisher Unipub, Inc. (1976)
Pages 866
Price \$48.00

This compilation is put out by the International Atomic Energy Agency and is a survey of the major facilities used in fusion research around the world. Part A lists detailed information by country and location, activity, and category; Part B gives summarized information on types of systems; and Part C is a personnel index listing country, instruments, and references of people working in the field of controlled fusion research. This is an interesting book for those working in fusion research, listing what is being done in other laboratories. *MEW*

Annual Review of Energy, Volume 1

Editor Jack M. Hollander
Publisher Annual Reviews, Inc. (1976)
Pages 793
Price \$17.00

This is a new review series dedicated to the awakening interest in energy and the problems of energy supply and generation. The Series