Thus several values are frequently given for a single fission yield determination. In common with many other data compilations, this one also is rapidly becoming obsolete. The most recent references are dated 1962. A substantial body of new fission yield data has appeared since then. The coverage of the published literature up to 1962 is adequate; however, no reference at all is made to the many AEC reports and PhD theses. Inclusion of some data from obscure Russian sources in part compensates for this deficiency. Among the occasional errors found in this book, the most amusing appear in the tabulation of decay chains which was copied from a previous compilation: several nuclides are shown decaying to a rare gas isotope + Newton!

The $15.00 price for this 121-page book is outrageous. Translation costs must have been at a minimum because less than 20% of the volume consists of text. The bulk of the data appeared in English originally. Certainly the talents and resources of Consultants Bureau could be better spent translating significant and original Russian books and periodicals.

Seymour Katcoff is a Senior Chemist in the Chemistry Department of Brookhaven National Laboratory, where he has been since 1948. A foremost authority on fission product radiochemistry, in general, and fission yield measurements, in particular, he spent the war years at the Metallurgical Laboratory, Chicago) and at Los Alamos. His PhD degree (physical chemistry, 1944) is from the University of Chicago.

WORDS ON WASTE

Title Management of Radioactive Waste
Author C. A. Mawson
Publisher D. Van Nostrand Co., Inc., 1965
Pages ix + 196
Price $6.95
Reviewer R. Louis Bradshaw

The author of this book is Head, Environmental Research Branch, Atomic Energy of Canada, Limited, Chalk River Nuclear Laboratories, a position which he has held since 1956. In both this and his previous positions he has been directly involved with waste management.

In the words of the author, “The object of this book is to describe, as far as possible in nontechnical language, the nature of the waste management problem, to show how this problem is being met at the present time, and to indicate the lines of development most likely to be followed in the future...It is hoped that this book will provide information suitable for preparing students for