

Book review

APPLIED RADIATION PROTECTION AND CONTROL. By J. J. Fitzgerald, 1018 pages, 353 figures and 156 tables. Gordon and Breach, New York, London and Paris 1970. Price: \$30.

The emphasis of this monograph is on the needs of nuclear energy work. The book abounds with tables, diagrams and formulae and will certainly be extremely useful to all those engaged in designing protective shields and other devices, assessing criticality hazards and planning radiation laboratories as well as supervising work in them. It should be added, however, that the book is based on an earlier one by the author and two collaborators on the mathematical theory of radiation dosimetry. There are numerous references to the earlier work which should be constantly at hand if full benefit is to be reaped from the present material.

The subject matter seems to be well covered, although the more recent literature sometimes appears to be ignored. It is, for instance, remarkable that the ICRP recommendations are quoted (pp 22—23) from a paper of 1960. Repetition in different parts of the book makes it bulkier than it need have been.

Little is said about roentgen ray protection, and most radiologists will not require the book. As a collection of data and formulae relating to the dosimetry of external and internal radiation, it will however, be of value to physicists engaged in dosimetric and radiation protection questions and to specialists in nuclear medicine.

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