Where there is much desire to learn,
there of necessity will be much arguing,
much writing, many opinions;
for opinion in good men is but knowledge in the making.

- John Milton (1644)

REACTOR SHIELDING REVIEW PUBLISHED IN
ADVANCES IN NUCLEAR SCIENCE AND TECHNOLOGY


Clark, now with the Instrumentation and Controls Division of ORNL, has written a 41-page article which has 186 references and covers essentially the whole subject of reactor shielding. All the current transport theory calculational methods are covered along with discussions of topics such as albedos, ducts, and secondary gamma rays. His 17-page discussion of Monte Carlo is particularly welcome.

NEW ICRU REPORT PUBLISHED

The International Commission on Radiation Units and Measurements (ICRU) has recently issued ICRU Report 14, "Radiation Dosimetry: X Rays and Gamma Rays with Maximum Photon Energies Between 0.6 and 50 MeV." Copies may be purchased for $2.50 from

ICRU Publications
P.O. Box 4869
Washington, D.C. 20008

Discussions are given on several topics including determination of absorbed dose by ionization, chemical, and calorimetric methods and transfer of an absorbed dose calibration to another laboratory.
PERSONAL ITEMS

Charles Eisenhauer, National Bureau of Standards, now has an appointment as adjunct professor at Catholic University of America.

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G. L. (Lee) Simmons, formerly with Battelle Northwest, is also now at Catholic University in the Nuclear Science and Engineering Department.

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Charles M. Huddleston is now leader of a shielding and dosimetry research group at the Naval Ordnance Laboratory, Silver Spring, Maryland. Chuck is also chairman of the Publications Committee of the ANS Shielding and Dosimetry Division.

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William E. Kreger is now with Physics International Co., San Leandro, California. Bill was formerly with the U.S. Naval Radiological Defense Laboratory.

VISITORS TO RSIC

Visitors to RSIC during the month of November were: Marcel Barbier, CERN, Geneva, Switzerland; C. D. Griffies, Reactor Division, and T. A. Welton, Physics Division, ORNL; Koeswono S. Soedirdjo, National Atomic Energy Agency of Indonesia, Djakarta, Indonesia, presently at ORNL.

NOVEMBER ACCESSION LIST OF LITERATURE

The RSIC is now aware of the literature cited in the following list. This literature has either been obtained by RSIC or has been placed on order. When received, this material will be examined and assigned to various files if suitable for our information system. The accession list is divided into three fields (1) reactor and weapons shielding, (2) space and accelerator shielding, and (3) shielding computer codes. These titles are announced before processing and indexing so that there will be no delay and can serve as a prompt announcement of current literature.

RSIC is not a documentation center. Copies of the literature cited must generally be obtained from the author or from a documentation center such as the Clearinghouse for Federal Scientific and Technical Information, Springfield, Virginia 22151.
RSIC maintains a microfiche file of literature entered into its information system. Computer searches of this system (which produces a special bibliography) and duplicate microfiche copies of the literature in our file are available upon request. Naturally, we cannot supply copies of literature which is copyrighted (such as books or journal articles) or whose distribution is restricted. Neither service is available for the codes literature.

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