PACKAGING OF RADIOACTIVE MATERIALS
MEETING AT GATLINBURG

The Second International Symposium on the Packaging and Transportation of Radioactive Materials will be held October 14-18 in Gatlinburg, Tennessee (near Oak Ridge). The meeting is sponsored by the Union Carbide Corporation Nuclear Division and the U. S. Atomic Energy Commission. Topics to be discussed include new transport regulations and their implications, operating experience in national and international shipments, and shipping containers for unirradiated fissile material, isotopes, and spent fuel. The program will also cover specifications for shipping containers, research and development in container design and testing, insurance problems, carrier problems, and anticipated problems for the period 1970 to 2000. Readers of the Newsletter are requested to inform others at their laboratories who might be interested in this symposium.

For further information, please contact L. B. Shappert, Symposium Chairman, Oak Ridge National Laboratory, P. O. Box X, Oak Ridge, Tennessee, 37830.

NEW DASA HANDBOOK CHAPTER ISSUED

At the request of the Defense Atomic Support Agency, the third Weapons Radiation Shielding Handbook chapter to be issued has been distributed by RSIC to those on the reactor-weapons distribution list. This report, titled "Chapter 3, Methods for Calculating Neutron and Gamma-Ray Attenuation," DASA-1892-3 (March 1968) by Paul N. Stevens and David K. Trubey, surveys the presently used methods for solving the transport equation, presents selected computer code abstracts, and presents certain data useful to shield designers. The previously issued Handbook chapters are available from RSIC. These are "Methods for Calculating Effects of Ducts, Access Ways, and Holes in

DISCRETE ORDINATES SEMINAR PROCEEDINGS ISSUED

The proceedings of the RSIC and CTC sponsored seminar on the discrete ordinates method and ANISN code, held in August, 1967, in Oak Ridge, is now available. This report is titled "A Review of the Discrete Ordinates Method for Radiation Transport Calculations", ORNL-RSIC-19 (March 1968). It was distributed to those on the reactor-weapons and code distribution lists.

NEW CODE PACKAGES AVAILABLE

Operable, tested with a sample problem, and available for distribution are the following code packages:

- CCC-94/KAP-V
  Kernel Integration Code in Complex Geometry, contributed by Westinghouse Astronuclear Laboratory, Pittsburgh, Pennsylvania and the Nuclear and Plasma Physics Division, NASA George C. Marshall Space Flight Center, Huntsville, Alabama

- CCC-95/TAPAT
  Multigroup One Dimensional Discrete Ordinates Code (includes data generator POINT and a data library), contributed by Westinghouse Astronuclear Laboratory, Pittsburgh, Pennsylvania and the Nuclear and Plasma Physics Division, NASA George C. Marshall Space Flight Center, Huntsville, Alabama

- CCC-96/TIC-TOC-TOE

- CCC-97/ODD-K
  Multigroup Two Dimensional Discrete Ordinates Code (includes POINT and library), contributed by Westinghouse
W. E. (Bill) Edwards is now manager, Systems Analysis and Evaluation in the new Nuclear Systems Programs Department, Missile and Space Division of the General Electric Co., Cincinnati, Ohio.

Yo T. Song has recently left the U.S. Naval Civil Engineering Laboratory to accept a position in the Nuclear Engineering Department of the University of Tennessee at Knoxville.

Robert J. Janda, formerly with Goddard Space Flight Center, is now with HRB-Singer, Inc., Reston, Virginia.

W. R. (Ross) Burrus, formerly with ORNL, is now president of Tennecomp, Inc., a subsidiary of Tennelec Instrument Co. in Oak Ridge, Tennessee. Tennecomp manufactures nuclear and analytic instrumentation emphasizing human-computer interaction.

Lt. Col. F. A. Verser is now at Kansas State University, Manhattan, Kansas.

LETTER TO THE EDITOR

Gentlemen:

In recent months we have noted with interest and slight frustration the quotations heading your RSIC Newsletter. We are fraught with indecision as to the worth and profundity of these quotations due to our ignorance of the authors. Among these have been Ivan Bunin and E. B. Lytton. Without further disclosing the extent of our ignorance, we would appreciate a few words of explanation regarding their identity.
If this is impossible, we would like to have the address to which to send our own contributions, lest our thoughts be "given over to the sepulchre of oblivion".

N. Endres  
Westinghouse Electric Corp.  
Bettis Atomic Power Laboratory

EDITORS NOTE:

We hasten to assure Reader Endres that the quoted gentlemen are not RSIC staff members. We believe one is Lord Edward Bulwer-Lytton, 19th century English novelist and the other is Ivan Alekseyevich Bunin (1870-1953), Russian novelist. We trust that the present quote will cause less consternation.

Contributions to the RSIC Newsletter are invited, especially those of interest to shielders.

VISITORS TO RSIC

Visitors to RSIC during the month of March are: Jacob Weitman, Head, Radiation Shielding Group, Studsvik, Sweden; E. D. Cashwell, Los Alamos Scientific Laboratory, Los Alamos, New Mexico; G. A. Graves, Los Alamos Scientific Laboratory, Los Alamos, New Mexico; C. W. Watson, Los Alamos Scientific Laboratory, Los Alamos, New Mexico; Ricardo Garcia Leon, Commission Nacional De Energia Nuclear, Mexico City; Reginald Prescott, ENEA/Computer Programme Library, Ispra, Italy; W. H. Wilkie, Nuclear Engineering Dept., Georgia Institute of Technology, Atlanta, Georgia.

APRIL 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 of (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
a special bibliography) and duplicate microfiche copies of 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 yet available for the codes literature.

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