CURRENT WORK AND PROBLEMS

In our July Newsletter we carried in this space a report on the June 1966 meeting of the Cross Section Evaluation Working Group. Since then, there have been developments in the area of "evaluated" cross sections which should be of special interest to the shielding community.

At its November meeting the CSEWG established a subcommittee (with F. Clark of RSIC as chairman) to consider the specialized cross section and related data needs of the shielding community. Shortly thereafter the Defense Atomic Support Agency (DASA) designated M. H. Kalos of N. Y. U. to form a working group to insure that the cross section and related data needs of DASA contractors are adequately met. We are happy to report that good working relations have been established between the two working groups.

The first named group is now studying general questions related to kinds of data to be collected, formats, service routines, etc. A priority list is now being established for bringing shielding materials into the data system. If any of our readers would like to offer suggestions for this priority listing they can be sent to

Francis H. Clark
Radiation Shielding Information Center
Oak Ridge National Laboratory
P. O. Box X
Oak Ridge, Tennessee 37830

For any such suggestions to be considered fully they should specify the material, process, energy range, the problem for which the data are needed, and the date by which that problem must be solved.

The DASA working group has concerned itself initially with establishing effective interagency cooperation and with ways and means of bringing most expeditiously into available format existing useful data compilations. DASA supported agencies are doing most of the gamma ray compilation work now being carried on.

Approximately fifty isotopes have been evaluated and their data tentatively compiled for the ENDF/B system. They will not be available for general distribution by the center until they have passed certain tests and have been approved.
NUCLEAR SCIENCE AND ENGINEERING BLIZARD MEMORIAL ISSUE PUBLISHED

Congratulations are in order to the American Nuclear Society and to Dixon Callihan and Jess Greenberg (Shielding Division Publications Chairman) who edited the recently published issue of Nuclear Science and Engineering. This issue, entirely devoted to shielding papers, was published as a memorial to Everitt P. Blizard who served as editor of NS&E from 1960 to 1965. In addition to 38 papers and technical notes there is a tribute to "Bliz" written by Herbert Goldstein. The table of contents is as follows:


CONTENTS

Everitt Pinnell Blizard, 1916-1966
Herbert Goldstein ---------------------------------------- 145

TECHNICAL PAPERS

Calculations of the Radiation Hazard Due to Exposure of Supersonic Aircraft to Solar-Flare Protons
M. Leimdorfer, R. G. Alsmiller, Jr., and R. T. Boughner ------------- 151

High-Energy Nucleon Transport and Space Vehicle Shielding
R. G. Alsmiller, Jr. --------------------------------- 158

Electron Transport Theory, Calculations, and Experiments
C. D. Zerby and F. L. Keller ----------------------------- 190

Adjoint and Importance in Monte Carlo Application
R. R. Coveyou, V. R. Cain, and K. J. Yost ------------- 219

Variance of Certain Flux Estimators Used in Monte Carlo Calculations
Francis H. Clark ---------------------------------------- 235

A Study of the Angular and Energy Distributions of Radiation at Small Distances from a Point Source of Gamma Rays or Neutrons
Charles Eisenhauer --------------------------------- 240

Doses Behind Vertical and Horizontal Barriers from a Plane Gamma Photon Source of 1.25 MeV
Dominic J. Raso and Stanley Woolf ----------------------------- 252

Deep Penetration of Radiation by the Method of Invariant Imbedding
D. R. Mathews, K. F. Hansen, and E. A. Mason --------------- 263

One-Velocity Neutron Transport Problems by the Transfer Matrix Method
Raphael Aronson ---------------------------------------- 271

Measurements and Calculations of the Spectral and Spatial Details of the Fast-Neutron Flux in Water Shields
V. V. Verbinski, M. S. Bokhari, J. C. Courtney, and G. E. Whitesides 283

Measurements of the Spectra of Uncollided Fission Neutrons Transmitted Through Thick Samples of Nitrogen, Oxygen, Carbon, and Lead: Investigation of the Minima in Total Cross Sections
C. E. Clifford, E. A. Straker, F. J. Muckenthaler, V. V. Verbinski,
R. M. Freestone, Jr., K. M. Henry, and W. R. Burris --------------- 299
Neutron-Attenuation Experiments in Iron-Water Configurations
B. Chinaglia, D. Monti, C. Pedrighini, and A. M. Moncassoli 308

Experimental Differential Number, Energy and Exposure Albedos for Semi-Infinite Media, for Normally Incident Gamma Photons
J. J. Steyn and D. G. Andrews 318

Capture and Fission Gamma-Ray Effective Spectra for Shielding
Donald J. Dudziak 328

High-Energy Accelerator Shield-Leakage Neutron Spectra
Keran O'Brien, Robert Sanna, Mary Alberg, James E. McLaughlin, and Sam A. Rothenberg 338

Neutron Exposure of the FM-2A Reactor Vessel
K. Shure and Carl T. Oberg 348

An Analysis of a Shielding Experiment Performed in a Real Fallout Field
R. L. French, J. H. Price and K. W. Tompkins 360

Neutron Air-Transport Data for the Design of Protective Structures
R. H. Karcher 367

Investigation of the Floor-Barrier Reduction Factor Used in Structure Shielding Theory
A. L. Kaplan 388

Gamma-Ray Scattering Near an Air-Ground Interface
E. T. Clarke 394

The Close-In Exposure Field from Point Isotropic Gamma-Ray Source Located at an Air-Ground Interface
A. B. Chilton 403

Calculation of Doubly Differential Current Albedos for Epicadmium Neutrons Incident on Concrete and Comparison of the Reflected Subcadmium Component with Experiment
W. A. Coleman, R. E. Maerker, F. J. Muckenthaler, and P. N. Stevens 411

Monte Carlo Calculations, Using the Albedo Concept, of the Fast-Neutron Dose Rates Along the Center Lines of One- and Two-Legged Square Concrete Open Ducts and Comparison with Experiment
R. E. Maerker and F. J. Muckenthaler 423

On the Attenuation of Neutrons and Photons in a Duct Filled with a Helical Steel Plug
E. Aalto and A. Krell 433

Albedo Component of Gamma Rays Passing Through a Cylindrical Duct
Y. Higashihara, Masaru Nakai, and Masanori Okubo 441

Gamma-Ray Streaming Through a Straight Cylindrical Duct
Mitsuo Shindo, Akira Tsuruo, Shun-ichi Miyasaka, Mitsuyuki Kitazume, and Jun-ichi Miyakoshi 450

TECHNICAL NOTES

Weight Optimization of Gamma Shields Using Layered Media and Spherical Geometry
Alfred F. Rohach 464
Empirical Formulas for Secondary-Nucleon-Production Cross Sections
W. R. Yucker.................................................................467

Few-Group and Multigroup Calculations of Neutron Penetration
K. Shure.........................................................................468

Heating in Infinite Cylinders by Uniform Gamma-Ray Sources
C. W. Nestor, Jr. and H. C. Claiborne.............................472

A Markov Matrix Treatment of Neutron Diffusion in Thin Slabs
M. L. Eaton and C. M. Huddleston................................475

Differential Neutron Albedo for Finite Slabs
Duane R. Doty.................................................................478

A Modified Formula for Differential Exposure Albedo for Gamma Rays Reflected
from Concrete
A. B. Chilton......................................................................481

Air-Ground Interface Effects on the Exposure from Elevated 137-Cs γ Sources
C. E. Clifford and G. D. Wait..........................................483

The Small-Angle Limit for Twice-Scattered Gamma Rays from a Point-Isotropic
Source
Eigar E. Morris and L. V. Spencer.....................................485

COMPUTER CODE ABSTRACTS

ISOSHLD II
R. L. Engel, J. Greenborg, M. M. Hendrickson, E. L. Kelley, Jr.,
J. J. Regimbal, G. L. Simmons, H. H. VanTuyl..................489

The PATH Gamma-Shielding Code
J. H. Alexander, S. S. Clark, and B. A. Engholm................490

The MUSCAT Scattering Code
B. A. Engholm...............................................................490

NEW FEDERAL CLEARINGHOUSE PRICE POLICY

Effective January 1, 1967, the Clearinghouse for Federal Scientific and
Technical Information changed its pricing policy for document sales from a sliding
price scale based on document size to a single price for documents sold. The
new document price for a paper copy (hard copy - HC) is $3.00. The new price
for a microfiche (MF) copy is $.65 per document. These prices also apply to
documents announced prior to January 1, 1967. The single price does not apply
to multiple copy orders of a single document. Quotations on quantity purchases
of a single title are available on request.

The Clearinghouse sells coupons for the purchase of documents which simplify
ordering and handling by both the Clearinghouse and its customers permitting the
Clearinghouse to give faster service on document requests.

Coupons for paper copy (HC) documents are available at $3.00 each or in
books of 10 coupons for $30.00. Coupons for microfiche copies of Clearinghouse
documents are available in books of 50 coupons for $32.50.
RECENT VISITORS TO RSIC

The following people visited RSIC during the month of February 1967: F. Dyer, Chemical Technology Division, ORNL; James Ferguson, USNRL, San Francisco; Raphael LaBauve and Maurice Battat, Los Alamos Scientific Laboratory, Los Alamos, New Mexico; Wm. Edwards, General Electric, Cincinnati; Sol Pearlstein, Brookhaven National Laboratory, Upton, N. Y.; Mal Kalos, New York University, N. Y.; A. E. Profio, General Atomic, San Diego; Kal Shure, Westinghouse-Bettis, West Mifflin, Pa.; S. K. Penny and Arnold Glick, Union Carbide Corp., White Plains, N. Y.; R. R. Coveyou, Neutron Physics Division, ORNL; Conrad Lennon, NASA/Lewis Research Center, Cleveland, Ohio; and R. E. Davids, Australian Atomic Energy Commission, Sutherland, Australia.

FEBRUARY 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 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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