

## BOOK REVIEWS

ping and receiving room personnel and maintenance workers.

The NCRP Committee 49, composed of Chairman Edith Quimby, Gerald Shapiro, and Elmer Stickley, state that many allied health personnel are concerned about radiation hazards and often have misconceptions regarding the subject. Since these persons at times work without instruction or guidance and do not always have access to factual information regarding ionizing radiation, one purpose of the report is to describe the types of problems encountered and to suggest approaches to their solutions. Specific parts of the report are appropriate for individual workers who are exposed to ionizing radiation on an occupational basis. The text has been kept simple, and technical terms have been avoided when possible. It is suggested that copies of the report be readily available to allied health personnel who are occupationally exposed to ionizing radiation, and in addition the committee recommends that the report be read by all supervisory personnel.

The radiation sources, facilities, and applications considered in the report include: Radiation Areas; X-Ray Diagnosis—General Radiography, Mobile (portable) Equipment, Operating Room Procedures, Special Radiographic Procedures, Animal Radiography; Radiation Therapy—X Rays, Cobalt Teletherapy and Particle Accelerators, Brachytherapy: Sealed source storage area, Patient and administration areas, Source transport, Post-administration care; Nuclear Medicine and Radioactive Materials (Radioisotopes)—The High Activity Laboratory: Receiving, Storage; Radiopharmaceutical Procedures—Radioimmunoassay, Bioassay, In

vitro testing; Hospital Procedures—Therapeutic applications, Patients' waiting areas, Diagnostic tests; Research Laboratories—Physics, chemistry, radiobiology, radiopharmaceuticals; Disposal Facilities for Solids, Liquids, Gases—Hospitals, Laboratories; Morgue.

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**STRUCTURAL SHIELDING DESIGN AND EVALUATION FOR MEDICAL USE OF X-RAYS & GAMMA RAYS OF ENERGIES UP TO 10 meV.**  
NCRP Report No. 49. Washington, D.C., NCRP Publications, 1976, 126 pp, \$3.50.

NCRP Report No. 49 supersedes Report No. 34 and contains recommendations and technical information, as well as a discussion of the factors to be considered in the selection of shielding materials and the calculation of barrier thickness. It is intended for radiologic physicists, radiologists, and regulatory personnel who specialize in radiation protection. Sections of the report should be of interest to architects, hospital administrators, and others concerned with the planning of new radiation facilities. Report No. 49 should be required reading for anyone involved in the design of new radiologic facilities or in the radiation protection survey of existing ones.

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### MIDEASTERN CHAPTER SOCIETY OF NUCLEAR MEDICINE 8TH ANNUAL MEETING

April 6-8, 1978

Stouffer's Hotel

Arlington, Virginia

#### ANNOUNCEMENT AND CALL FOR ABSTRACTS

The 8th Annual Meeting of the SNM Mideastern Chapter will include two full days of scientific contributions, including both teaching sessions and selected papers. The Program Committee invites the submission of abstracts relevant to all fields of nuclear medicine for consideration. Please send abstract and three copies containing less than 300 words with suitable supporting data to:

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