

formation, write to the Membership Committee, Institute of Mathematical Sciences, 25 Waverly Place, New York 3, N. Y.

Grants and Awards

Final details of the organization of Atoms for Peace Awards, Inc., were announced on April 1st by James R. Killian, Jr., president of the Massachusetts Institute of Technology and chairman of the new corporation. The organization, set up to make international awards for outstanding contributions to the peaceful uses of atomic energy, is made possible by an appropriation of the Ford Motor Company Fund as a memorial to Henry Ford and his son, Edsel Ford. The Awards were first announced by AEC chairman Lewis Strauss, in Geneva, Switzerland, during last summer's International Atomic Energy Conference.

Winners each year of the Atoms for Peace Awards will be selected from individuals or organizations anywhere in the world who, in the opinion of the Trustees, have made the greatest contributions to the peaceful uses of atomic energy. All decisions will be made solely on the basis of merit of the contribution. The Award will consist of a medal, accompanied by a cash honorarium amounting to as much as \$75 000. If the Trustees fail to discover a candidate "preeminently meriting" the Award in any year, the Award and medal may be withheld during that year. In that event, the Trustees "may hold the funds available for additional Awards in future years or dispose of that year's funds by grants in the United States of America to advance the science or technology relating to the uses of atomic energy for peaceful purposes".

Trustees of Atoms for Peace Awards, Inc., in addition to Dr. Killian, are Detlev W. Bronk, president of the Rockefeller Institute for Medical Research and president of the National Academy of Sciences; Ralph J. Bunche, under secretary of the United Nations; Arthur H. Compton, professor and former chancellor, Washington University; Mildred McAfee Horton, former president of Wellesley College and wartime director of the WAVES; Mervin J. Kelly, president of Bell Telephone Laboratories; and Alan T. Waterman, director of the National Science Foundation.

Under its award-making procedures, Atoms for Peace Awards, Inc., will receive nominations for the Awards from individuals and organizations, including learned societies, in any part of the world. Appraisals will be based on freely available information, not on classified or secret data. An Advisory Committee on Nominations, appointed by the Trustees from citizens of the United States, will screen candidates and make recommendations for the Awards to the Trustees, who will make the final selection. Members of the Advisory Committee on Nominations are: Robert F. Bacher, director of the Norman Bridge Laboratory at the California Institute of Technology; Robert F. Loeb, professor of medicine at Columbia University; Robert Lovett, general partner, Brown Brothers Harriman &

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Co.; I. I. Rabi, professor of physics at Columbia University; and Charles A. Thomas, president, Monsanto Chemical Company. All questions on nominating procedures should be addressed to the Executive Secretary, Atoms for Peace Awards, Inc., 77 Massachusetts Avenue, Cambridge 39, Mass.

General Atomic, Division of General Dynamics Corporation, has announced the granting of a graduate fellowship of \$4000 to each of the following universities for the aiding of graduate training and research: department of physics, Cornell University; department of physics, Carnegie Institute of Technology; and department of chemistry, Washington University at St. Louis. This amount is intended to cover a stipend to an outstanding graduate student, to pay his tuition, and to provide some funds to help support his research.

A four-year scholarship is to be awarded annually by the Society of Exploration Geophysicists to a high school senior or graduate who is "the son or daughter of a person engaged in geophysical work and employed by a geophysical company, geophysical branch of an oil company, or a contract drilling company". Funds for the award will be granted by seismic field equipment manufacturer C. M. Mayhew of Dallas. Further information can be obtained from SEG headquarters, Box 1536, Tulsa 1, Okla.

Radiation and Matter

A subcommittee on protection from high-energy electrons has been established by the National Committee on Radiation Protection, according to NCRP Chairman Lauriston S. Taylor, chief of the atomic and radiation physics section of the National Bureau of Standards. The new subcommittee, under the chairmanship of Lester Skaggs of the Argonne Cancer Hospital in Chicago, will deal primarily with problems of protection against high-intensity radiation produced by accelerators.

Standards for testing materials used in reactors or otherwise exposed to radiation are to be investigated by a special administrative committee organized by the American Society for Testing Materials. The committee's function is to advise other ASTM committees on relevant nuclear problems, to stimulate committee standardization and research projects related to nuclear energy, and to review periodically the status of such work. As a first step, ASTM Committee E-10 (radioisotopes) has been asked to develop basic procedures for specimen preparation, exposure to radiation, and special techniques for measuring properties after exposure. A symposium on radiation effects on materials, sponsored jointly by ASTM and the Atomic Industrial Forum, will be held September 17-21 in Los Angeles. Additional papers sponsored by Committee E-10 concerning radiation effects and radioisotope uses will be included in a companion symposium.

Requests for irradiation of gem stones in Atomic Energy Commission facilities will henceforth be treated