

(14 Sept. 1956)] has announced that the application date for postdoctoral and predoctoral awards will be extended from 1 Nov. to 15 Nov. Inquiries should be sent to Dr. Frank Ungar, Worcester Foundation for Experimental Biology, Shrewsbury, Mass.

■ The National Science Foundation has announced the award of 50 postdoctoral fellowships for advanced study and research in the natural sciences. These were allocated during the second award period for postdoctoral fellowships. Of this group, 25 were senior postdoctoral fellowships for scientists who have held the doctoral degree for 5 years and have demonstrated unusual ability and special aptitude for productive scholarship. The remaining 25 awards were made in the foundation's regular postdoctoral fellowship program, primarily to recent recipients of the doctoral degree.

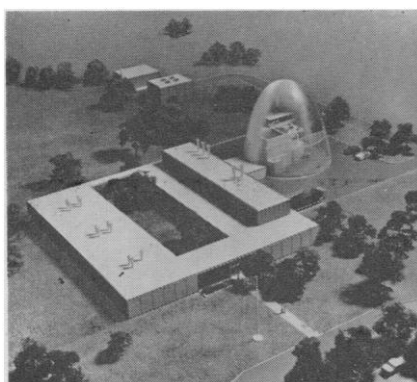
Twenty-two of the awards announced were in the life sciences, ten in chemistry, ten in physics, four in mathematics, two in earth sciences, one in engineering, and one in the area of convergence between the natural and social sciences. These fellowships are in addition to the 895 fellowships awarded by the foundation in March 1956. The National Science Foundation has reopened its senior postdoctoral program and its regular predoctoral and postdoctoral fellowship programs for additional awards for the academic year 1957-58.

### In the Laboratories

■ The Laboratory of Microchemistry, Teaneck, N.J., founded by Carl Tiedcke, celebrated its 25th anniversary on 1 Nov.

■ The National Noise Abatement Council's first award for outstanding contributions to the field of noise control has been presented to Armour Research Foundation of Illinois Institute of Technology. A certificate of merit was presented during the recent National Noise Abatement Symposium in recognition of the foundation's noise control research and for its cooperation with the NNAC in originating the symposium "to foster the exchange of ideas in noise abatement technology." Armour's survey of city noises in Chicago during the middle 1940's was one of the first such studies to be made.

■ Ten corporations have formed a new company, Industrial Reactor Laboratories, Inc., to build and operate a privately owned nuclear reactor for industrial research in atomic energy at Plainsboro, N.J. The companies participating are Atlas Powder Company, AMF



Model of proposed plant for Industrial Reactor Laboratories, Inc.

Atomics Incorporated (subsidiary of American Machine and Foundry Company), American Tobacco Company, Continental Can Company, Corning Glass Works, National Distillers Products Corporation, National Lead Company, Radio Corporation of America, Socony Mobil Oil Company, and United States Rubber Company. Each participant is represented on the new company's board of directors, which will be headed by Gen. Walter Bedell Smith, president, and H. L. Hilyard, vice president; Smith is chairman and president of AMF Atomics, and Hilyard is treasurer of American Tobacco.

■ Because of the increasing number of inquiries on availability and prices of application-exempt quantities of radioisotopes, the U.S. Atomic Energy Commission Isotopes Division wrote to several commercial suppliers to request information on availability of iodine-131 and phosphorus-32. The division has prepared a leaflet listing the companies that plan to dispense application-exempt quantities of these materials. Several firms also make available application-exempt quantities of other radioisotopes. Other companies offering this type of service are invited to send data to the Isotopes Division, AEC, Oak Ridge, Tenn., for inclusion in revisions of the leaflet.

### Miscellaneous

■ Interscience Publishers, Inc., New York, will be the United States agents for a new journal, *Nuclear Instruments*, that is to be published by the North-Holland Publishing Company, Amsterdam, the Netherlands. This journal on accelerators, instrumentation, and techniques in nuclear physics will be edited by K. Siegbahn of the Institute of Physics, University of Uppsala, Sweden, with the aid of a 38-member editorial board that consists of representatives from many different countries. The journal will be pub-

lished bimonthly, beginning in November, and will contain original papers, short notes, survey articles, progress reports, news items, and book reviews.

The subscription rate is \$17 a year for a volume of approximately 360 pages. Further information may be obtained from Interscience Publishers, Inc., 250 Fifth Ave., New York 1, N.Y.

■ The University of Kansas has prepared a large nomograph for finding  $K_{O_2}$  and  $K_{CO_2}$  of Warburg manometers over a range of 0 to 50°C and 0 to 6 ml of added fluid. Scientists may obtain copies, which measure 25 in. by 21 in., by sending a request to either Frederick E. Samson, Jr., or Nancy A. Dahl, Department of Physiology, University of Kansas, Lawrence, Kan.

■ The Institute of Laboratory Animal Resources (National Academy of Sciences-National Research Council), under a contract with the Cancer Chemotherapy National Service Center (National Cancer Institute) and in cooperation with commercial mouse breeders, is establishing a series of minimum standards for mouse breeding nutrition, distribution, sanitation, caging, and genetics. These standards will be used in a voluntary program of accreditation for breeders.

A Committee on Standards of the institute, under the chairmanship of T. C. Byerly, is supervising the definition of the standards. George L. Wolff of the Cancer Chemotherapy National Service Center has been assigned to the NAS-NRC to administer the program.

■ The November issue of *The Scientific Monthly* includes the following articles: "Seismology and the U.S. IGY program," A. P. Cray; "On going berserk: a neurochemical inquiry," Howard D. Fabing; "Path of atoms through generations," George Hevesy; "Social science techniques: a problem of power and responsibility," Edward Gross; "Chemical research and education in Japan," Bun-ichi Tamamushi.

In the "Science on the March" section appears a picture spread of the U.S. Naval Radiological Defense Laboratory in San Francisco. In addition, letters comment on the vanishing sea turtles, documentation in the service of science, and pseudonyms. Eight books are reviewed.

■ *Glycerine—Terms, Tests, Technical Data*, a new 19-page booklet describing the commercial grades, definitions, specifications, test methods, and shipping and storage requirements of glycerine, has just been issued by the Glycerine Producers' Association, 295 Madison Ave., New York 17, N.Y.