

crease the number of awards provided annually under the program from 138 to approximately 285. The expanded program comprises assistance to students in both undergraduate and postgraduate studies and research, grants to colleges either through direct payments or help in purchasing equipment for laboratory and instructional purposes, and summer courses for science and mathematics teachers. Fifteen postgraduate fellowships have been raised in value from a former maximum of \$1500 to a new range of \$1400 to \$2100 plus an added stipend of \$1200 per student to the colleges where the recipients study.

An additional twenty new postgraduate fellowships are now being offered by GE for work in chemistry, physics, and metallurgy. Of these, twelve will be granted in chemistry, four in physics, and four in metallurgy. Physics awards will be given for study at the California Institute of Technology, Cornell University, Harvard University, and the University of Illinois. Another new part of the education program is designed to assist thirty outstanding college students throughout the country during their senior year. These scholarships, amounting to \$500 each, will be awarded primarily to engineering students. The company's established program of making available a fund of \$150,000 for aid to colleges and universities in purchasing needed laboratory equipment will be continued. During the last ten years, according to GE, assistance has been provided to more than 130 colleges and universities in enlarging and modernizing laboratory facilities for instructional and research purposes.

Visibility Laboratory

At Scripps Institute of Oceanography

Specialists in optics, electronics, and other related sciences will be brought together in a cooperative research program to be carried out in a newly created "Visibility Laboratory" which will be located at the University of California's Scripps Institute of Oceanography, La Jolla, California. The new laboratory, sponsored jointly by the U. S. Navy and the Air Force, will be concerned with visibility problems in modern warfare and with techniques for providing new factors of safety in aviation and ship operation. Siebert Q. Duntley, professor of physics at the Massachusetts Institute of Technology, has been granted leave of absence from MIT to become director of the laboratory.

New Edison Laboratory

Ground Broken Near West Orange

Construction has begun on a new one-story laboratory for Thomas A. Edison, Inc. at West Orange, New Jersey. The site is near the original brick structures built by Edison in 1887, which are generally recognized as the first industrial research laboratory, now headquarters for the Thomas Alva Edison Foundation. The half-million dollar laboratory will be devoted to basic and applied research and to technical work directly

supporting the operations of the Company's seven manufacturing divisions. Construction is expected to be completed early next year.

Geophysical Research

New Institution Created in Denmark

Establishment of the Geophysical Research Institution as an independent scientific center at the University of Copenhagen has recently been announced. The new institution is under the direction of Niels Arley and has a governing board consisting of H. M. Hanson, rector of the University of Copenhagen, Niels Bohr, director of the Institute for Theoretical Physics, and Dr. Arley. Current plans call for a research program which will include deep-sea expeditions to measure the oceans' geomagnetic field and to study magnetic characteristics of bottom samples. The Institution also plans to carry out a systematic geophysical survey of Greenland.

New Publications

Annual Reviews of Nuclear Science

Annual Reviews, Inc., a nonprofit corporation which since 1931 has published annual critical reviews designed to cover systematically the current literature in certain major fields of science, has announced the completion of an agreement with the National Research Council of the National Academy of Sciences covering the publication of the *Annual Review of Nuclear Science*. Volume 1, prepared under the editorial supervision of the NRC's Committee on Nuclear Science and containing twenty-six review papers, was issued last month. Future volumes will appear under the editorship of James G. Beckerley, director of classification for the Atomic Energy Commission, who will be aided by three associate editors: Martin D. Kamen (Washington University), Donald F. Mastick (AEC), and Leonard I. Schiff (Stanford University). The Review also has an editorial committee consisting initially of Dr. Schiff, C. D. Coryell (Massachusetts Institute of Technology), L. F. Curtiss (National Bureau of Standards), E. Segré (University of Illinois), and R. E. Zirkle (University of Chicago).

Rational Mechanics and Analysis

The *Journal of Rational Mechanics and Analysis*, published for the first time this year, aims especially "to close the rift between 'pure' and 'applied' mathematics and to foster the discipline of mechanics as a deductive, mathematical science in the classical tradition." The *Journal*, under the editorship of T. Y. Thomas and C. Truesdell (with the assistance of D. Gilbarg, V. Hlavaty, and E. Hopf), is published by the Graduate Institute for Applied Mechanics of Indiana University, Bloomington, Indiana, and will contain articles in English, French, German, and Italian. The editorial board has twenty-six members, of whom the fol-