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conference of deans of science faculties and science professors from all parts of the world to discuss the means for developing training programs in the marine sciences at the university level. The conference also voted a resolution asking governments and international organizations to take immediate steps to prevent pollution of the sea and to intensify research in that subject.

Programs and Facilities

The Atomic Energy Commission and the National Aeronautics and Space Administration have announced the establishment of a joint AEC-NASA Nuclear Propulsion Office at the AEC headquarters in Germantown, Md. The office will consolidate the work which has been carried out by organizations in each agency to develop nuclear energy for space flight. Harold B. Finger, chief of nuclear propulsion for NASA, has been named manager of the joint office. Appointed as deputy manager is Milton Klein, who has been assistant manager for technical operations of the AEC's Chicago Operations Office. The NPO will integrate the Project Rover nuclear powered rocket developmental programs which had been carried out previously by the AEC through its Aircraft Reactors Branch of the Division of Reactor Development and the Nuclear Propulsion organization in NASA's Office of Launch Vehicles. The AEC will have primary responsibility for the development of all reactors and their components, including those for flight missions specified by NASA; research and development of nonnuclear components and integration of the nuclear components in engines and vehicles of rocket systems will be the responsibility of NASA. Development of the reactor system is being carried out by the Los Alamos Scientific Laboratory.

Western Reserve University, Cleveland, Ohio, held ground-breaking ceremonies in July for a new basic science building to be named the John Schoff Millis Science Center in honor of the University's president. The building, which represents the first phase of the projected \$6.27 million Science Center, will provide laboratories, a library, auditorium, and teaching and research facilities for the Departments of Biology, Chemistry, Physics, Geology, Geography, Astronomy, and Mathematics. The first part of the building is expected to be completed by the fall of 1961 with the remainder ready for occupancy by the spring of 1962.

Two new wings are to be added to Dunning Science Hall at Washington College, Chestertown, Md. The expanded facilities will include space for a physical chemistry laboratory, a physics apparatus room, and various other laboratories and classrooms.

The University of Liverpool in England has opened its Chadwick Laboratory, named for Sir James Chadwick, who was Lyon Jones professor of physics at Liverpool from 1935 to 1948. Designed for the teaching of experimental and theoretical physics to under-

graduates, for research in nuclear physics and acoustics, and for postgraduate teaching and research in theoretical physics, the Chadwick Laboratory replaces the 56-year-old George Holt Physics Laboratory.

On July 1, the space flight development facilities of the Army Ballistic Missile Agency, Huntsville, Ala., formally became the George C. Marshall Space Flight Center of the National Aeronautics and Space Administration. Wernher von Braun will continue to serve as director. A few weeks earlier, the Center's Computation Laboratory dedicated the first of a pair of IBM 7090 computers which will be used initially for work on Project Saturn.

MB Electronics, a Division of Textron Electronics, Inc., located in New Haven, Conn., has established a laboratory for calibrating and certifying transducers for use in determining vibration acceleration levels in research, design, development and performance test programs in the aircraft, missile, and related industries.

Lockheed has dedicated a new \$155 000 avionics laboratory at its Marietta (Ga.) plant for research, development, and testing of antennas, radomes, electronic transmission lines, and components for high-speed and special mission aircraft.

Convair Division of General Dynamics Corporation plans to construct a space radiation research facility in San Diego to study radiation effects on electronic components and on guidance and control systems for nuclear propelled vehicles. A 3-Mev electron/ion accelerator, to be designed and constructed by Radiation Dynamics, Inc., Westbury, N. Y., will be used as a radiation source. A. E. S. Green, chief of physics for Convair-San Diego, is responsible for the program. The accelerator, which will also be available for other areas of research of interest to the physics staff at Convair, will be installed next March.

Dynatom, a new company which will design, build, and market nuclear reactors in France and the French Commonwealth, has been formed jointly by North American Aviation, Inc., Société Alsacienne de Constructions Mécaniques, and Chantiers de l'Atlantique (Penhoet-Loire). Vice Admiral d'Escadre Joseph-Auguste Laurin has been named president of Dynatom and Roger Julia, director general of SACM, was designated as deputy to the president and as vice president of Dynatom. Robert L. Loftness, formerly manager of applications engineering for North American's Atomics International Division, has been named commercial director of the new firm and will have his office in Paris.

Awards

Five recipients of the first Ernest Orlando Lawrence Memorial Award were honored by the Atomic Energy Commission in presentation ceremonies held June 27 at AEC Headquarters in Germantown, Md. They are Harvey Brooks, dean of engineering and applied physics at Harvard University; John S. Foster, Jr., and Isadore Perlman, associate directors of the Lawrence

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