

Summer group focuses on efficient energy use

Approximately 30 physicists and engineers participated in the summer study, "Technical Aspects of Efficient Energy Utilization," held at Princeton University under the auspices of the American Physical Society from 8 July to 2 August 1974. This study, funded by the National Science Foundation, the Federal Energy Administration, and the Electric Power Research Institute, was directed by Sam Berman (SLAC), Dan Hartley (Sandia), Marc Ross (University of Michigan), and Robert Socolow (Princeton University).

The participants divided into groups which, after extensive two-week briefings, examined three areas of physics where further research would be of immediate benefit. The first group studied the thermal radiation properties of selective thin-film coatings, the second group, the combustion of petroleum-water emulsions, optical diagnostic techniques, and computer modeling of the combustion process, and the third group developed the framework for evaluating physics research opportunities for improving end-use efficiency.

The members of the review committee who will examine the reports from this summer study group before they are submitted to the council this fall are James Comly (GE), chairman, Luis Alvarez (University of California, Berkeley), and Alan Chynoweth (Bell).

HEW moves to prevent sex discrimination

Government representatives who are travelling about the country explaining the regulations proposed by the Department of Health, Education and Welfare to prevent sex discrimination in federally funded educational institutions solicited comment from representatives of interested groups in the New York area at a forum at Pace University on 8 July 1974. These guidelines, which have been published in the *Federal Register*, Vol. 39, No. 120, Part II, "Education Programs and Activities Receiving or Benefiting from Federal Financial Assistance, Nondiscrimination on the Basis of Sex," will serve as boundary conditions in the interpretation and enforcement of Title IX of the Education Amendments of 1972.

Except for specific limited exemp-



Directors of the APS summer study on physics research into energy utilization (from left to right), Robert Socolow, Dan Hartley, Marc Ross and Sam Berman, at Princeton University.

tions that Congress included in the legislation, these proposed regulations are to apply to all aspects of all education programs or activities of a school district, institution of higher education, or other entity that receives federal funds for any of those programs. They will deal with admissions, treatment of enrolled students, access and participation in athletic programs, use of facilities, employment, campus organizations, financial aid programs, benefits, and services. Sanctions, if voluntary compliance cannot be effected, include termination of federal financial assistance or use of other procedures authorized under the law.

Gwen Gregory, of HEW's Office of Civil Rights, mentioned that investigations will be carried out jointly under Title VI (which forbids discrimination based on race, color, and national origin) and Title IX wherever appropriate and that burden of proof of compliance will again lie with the recipient of the federal funds. She also said that because private right of action under Title VI has already been upheld, it is assumed that it will be possible under Title IX.

As part of the process of formulating the final regulations, written comments,

suggestions or objections pertaining to these regulations will be considered by the Director, Office of Civil Rights, Department of Health, Education and Welfare, PO Box 2974, Washington, D.C., 20013, through 15 October 1974. This date was selected because the Secretary of Health, Education and Welfare believes that the comment period should extend at least 30 days into the autumn academic semester, to enable academic institutions and student and faculty groups to formulate their comments. Because about 60% of the society's members are associated in some way with educational institutions, it was thought that they would be interested in the proceedings.

Comments received before 15 October will be considered before the regulations are revised; comments received after that may be considered by the Director if they are deemed pertinent until the regulations are prepared in the final form.

Mary L. Shoaf, Deputy Executive Secretary, The American Physical Society, 335 East 45th Street, NEW York, N.Y., 10017, maintains a file of material received from the Department of Health, Education and Welfare and the Office of Civil Rights on Title IX. □