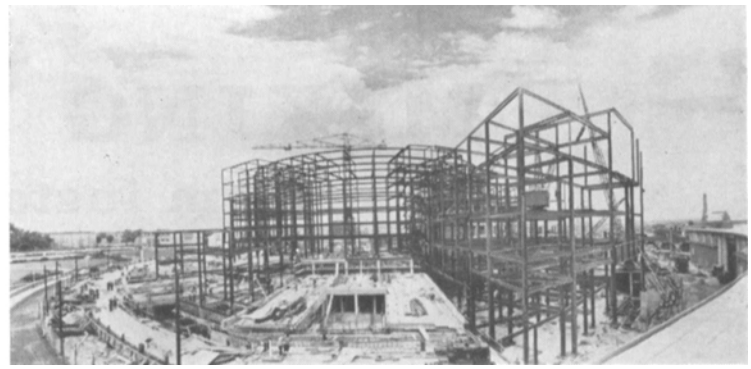

Education, Industry News

British Broadcasting Corp. has announced plans for a $25 million television center now under construction at Shepherds Bush, London. The announcement was made in connection with commemoration events in honor of BBC's 21st "Birthday." The 9-floor "ring" structure occupies a 13-acre site and encloses a court of about 150 ft in diameter. Production departments will be on the lower floors and offices will occupy the upper stories. (Photos above.)

A series of closed-circuit TV programs sponsored by the Massachusetts Veterinary Assn. in cooperation with Chas. Pfizer & Co., 630 Flushing Ave., Brooklyn 6, N.Y., was a feature of the 1957 Eastern States Exposition held Sept. 14–22 in Springfield, Mass. Thirty-five veterinarians acted as announcers. Subjects covered in the telecasts included a demonstration of the proper method of giving artificial respiration to a cow and various interviews on subjects connected with services within the field of veterinary medicine, such as training dogs for military duty. The programs originated in the Youth Building on the exposition grounds and were sent over 4000 ft of coaxial cable to TV sets throughout the grounds.

The Eighth Annual International Symposia of the Microwave Research Institute of the Polytechnic Institute of Brooklyn will be held April 8–10 at the Institute. Under the general subject of waveguides, papers will be presented on such subjects as Fundamental Progress reports; Mode Theories; Noise Theories; Linear and Nonlinear Theories of Space Charge Waves in Open and Closed Systems; and Plasma Waves. The Symposium is open to all interested persons. Further information can be obtained from the Microwave Research Institute, 55 Johnson St., Brooklyn 1.

An experiment having wide implications in community education is now underway in the Chelsea district of New York. A total of 608 low-income apartments in Manhattan's lower West side are now linked by a closed-circuit TV system with educational and entertainment programs broadcast to schools, settlement houses and homes from seven originating points.

The overall aim of the project is that of raising the cultural level of the community and bringing about increased awareness of

civic responsibilities and privileges. It is financed by a three-year grant from the Fund for the Advancement of Education. Morning programs will be seen by pupils in participating schools and the same programs can be seen by their parents, many of whom do not speak English. Evening programs will emphasize adult education with programs planned to bring about better community relations.

Broadcasts will include a variety of subjects such as English, music, science, health, nutrition and hygiene, civics and other subjects related to community activities.

Another experiment in educational closed-circuit TV begun last September at Port Chester, N.Y., High School has enjoyed good reports in relation to both pupils and teachers. The school principal, Robert Zimmerman, has noted that, except for budget limitations, he would favor extending the system to junior high and elementary schools. The closed-circuit system was installed by General Precision Laboratory. It is comprised of twin cameras and a receiver in one classroom and monitor screens which provide larger-than-life images in two remote classrooms.

Plans for a new $10 million United Engineering Center to be erected on United Nations Plaza, New York, have been announced. The new building will serve as headquarters for 16 National Engineering Societies with a total membership of about 300,000 engineers. It will replace the 50-year-old Engineering Societies building at 29 W. 39 St., New York. The new Center is planned as a 20-story tower surrounded by lower structures, containing, in all, about 250,000 sq ft of floor space. Among other facilities it will house the Engineering Societies Library and exhibition space. An engineering Hall of Fame to perpetuate the contributions of distinguished engineers to modern civilization is also under consideration.

Founder Societies whose headquarters will be in the new building are: American Society of Civil Engineers; American Institute of Mining, Metallurgical and Petroleum Engineers; American Society of Mechanical Engineers; American Institute of Electrical Engineers; and American Institute of Chemical Engineers. Eleven associated societies, including SMPTE, are also expected to have headquarters in the new building.

Five bulletins on Television in Teacher Education have been issued as part of a series prepared by the Subcommittee on Television in Teacher Education of the American Association of Colleges for Teacher Education. Subjects are: Closed-Circuit TV Installations in Teacher Education Institutions; Credit Courses Offered by Broadcast TV in AACTE Institutions — Fall, 1956; Uses of TV in Schools and Colleges; Points of View Regarding TV in Education; Present and Anticipated Utilization of Commercial Broadcast Facilities and Programs by 189 Teacher Education Institutions in the United States. Chairman of the Subcommittee is E. D. Partridge, President, New Jersey State Teachers College, Montclair, N.J.

An educational program aimed at improving both the number and quality of physics courses in high schools and colleges in the United States is being conducted by the American Institute of Physics in collaboration with the American Association of Physics Teachers and the American Physical Society. The program has the support of the Fund for the Advancement of Education and the National Science Foundation. Among the specific goals is the evaluation of the feasibility of teaching physics to large numbers of students by means of television and color motion pictures.

The 10th Annual Conference on Electrical Techniques in Medicine and Biology was held Nov. 6-8 in Boston, Mass. The meeting was sponsored by the Instrument Society of America, American Institute of Electrical Engineers, Boston Chapter of the IRE Professional Group on Medical Electronics and the Medical Physics Group of Boston. Three morning scientific discussions and one evening panel discussion were held. Afternoon sessions included trips to nearby laboratories. A paper presented during a session on Instrumentation for Circulation Research described the radioisotope recording of rapid transients in blood flow. The method involves the use of a 35mm film in a high-speed camera. The film can then be played back at a slow speed for observation of the recorded data.