

# Ed, Psych Building Completed for Fall

The personnel of the College of Education are now moving into Unit 1 of the Education and Psychology Center recently completed on the former site of Beaver Field.

**THE FINAL BUILDING** inspection was done by both representatives of the University and the General State Authority.

With the beginning of the fall term, classrooms and all parts of the new structure will be in full use. Some classes have already been transferred to the new unit.

The building, started two years ago, was a part of a \$2,334,114 GSA project that also included horticultural research facilities consisting of two laboratory office units and a greenhouse near Tyson.

The campus horticultural research facilities as well as the units west of Pine Grove Mills were also included in the inspection. These units have been in use.

The Education and Psychology Center includes a classroom and an administrative office unit. The classroom unit extends 332 feet along Curtin Road with the main entrance facing Curtin Road. The administrative unit, about 128

feet by 146 feet, is located north of the classroom unit.

One of the horticulture buildings provides areas for plant chemistry research, graduate research, plant breeding, olericulture, plant nutrition, soil preparation, laboratories for systematics and offices.

The second building has laboratories for soil physics, soil and radioactive chemistry, assay, crop physiology, viruses, climatology, graduate research and inoculation. It also has office space and cold storage.

A new greenhouse, 31 feet by 147 feet, was built in the center of a row of existing greenhouses, with an enclosed corridor connecting it with the other greenhouses and the head house.

**THE FACILITIES** on the former Maude Miller farm near Pine Grove Mills are made up of three units, each 40 feet by 40 feet. They are used for machinery repair and storage, seed cleaning and storage and for agricultural research. There is also a greenhouse, 28 feet by 104 feet, with three hot beds, each about 6 feet by 84 feet, paralleling the greenhouse.

## Fallout Shelter Built

# Power Plant Controls Protected

By LINDA SMETS

In the event of a nuclear attack, University personnel will be able to operate the central power plant that provides heat and electricity to the nearly 180 major campus buildings on a limited scale.

Climaxing nearly a year of planning, a fallout shelter-control center has been built within the plant and has been equipped to enable operators to keep the boilers fired by remote control.

**CLOSED-CIRCUIT** television cameras will read gauges and keep operators informed on the coal supply and other data in the

contaminated area of the plant. From this information, the operators can utilize remote control buttons to keep the plant in action.

"With an enrollment of 18,000 students here and with 10,000 of them living in campus residence halls, the University for the past year has been working on a plan to provide protection in the event of a nuclear attack," Stanley H. Campbell, vice president for business, said recently.

Construction of the shelter area in the Power Plant and the remote controls to keep the plant operating is the first major step to be taken to provide such protection. The maintenance of heat and electric power on the campus will help to solve some of the problems faced in working out a plan, Campbell said.

Many of the campus buildings have interior and underground areas that would provide shelter from fallout and the continued operation of the power plant would provide electricity to these areas, as well as heat that may be needed.

**THE MAINTENANCE** of electric power is also essential for the operation of deep well pumps that supply water and also the

operation of the sewage disposal plant and the power plant itself, he said.

Harold E. Byers, head of the Division of Utilities, said that it is anticipated that after the first day or two, it would be necessary for men to leave the shelter area to check some operations in the power plant or possibly in other buildings on campus. Underground tunnels that carry utility lines to the principle buildings would provide relatively safe passage to the various buildings, Byers said. This network of tunnels is entered from the shelter area.

**WHILE THE REMOTE** control panels, radios, food stores and other supplies are stored in a locked room, much of the shelter area is space used daily by personnel of the power plant, including washroom facilities and locker room space.

Confident that the new facility will make it possible to maintain on a limited basis the essential services of providing heat and electric power as well as water and sewage disposal in the event of an emergency, Campbell said that he hoped it would never be necessary to utilize the facility.

## Fire Strikes--

(Continued from page one) floors were extensively damaged by water.

Records of the Division of Academic Research and Services, which moved to the third floor a week ago, and of the Department of Management Engineering were completely gone, a loss that cannot be determined in monetary figures. The files of the Division of Counseling, including the records of 4,500 entering freshmen, escaped damage. DOC was "open for business" the morning following the fire.

Two other fires in the area kept Alpha firemen busy during the evening. A home on the Rev. Samuel Martin estate at 220 E. Hamilton Ave., was gutted by a fire started by a lightning bolt. A barn on the James E. Brooks farm along Rattlesnake Pike, about one and a half miles north of Unionville, was destroyed by fire after it was hit by lightning at 5:45 p.m. Monday.

# Movie Will Report On TV Education

The Division of Academic Research and Services at the request of the U.S. Office of Education will prepare a film report of the experience of the University with instructional television. The agency has allocated a \$19,163 grant for the case study project.

**THE UNIVERSITY** has done original work in the development and adaption of closed-circuit television for the teaching of University courses. The instructional television was inaugurated in the fall of 1955. At that time three televised courses were presented to 367 students.

The program has grown so that by the fall of 1958, 15 different courses were taught on closed-circuit television to more than 5,400 students. During the past

academic year, about 20,000 students participated in the program which offered some 27 different televised courses.

Extensive research has been conducted on a wide range of specific problems of televised instruction by the Division of Academic Research and Services. The Division has been in charge of the educational television program since its inception in 1955.

The University's program of televised instruction has attracted the interest of many educators throughout the country. Other educational institutions have adopted the University's system for their own use.

**THE CO-DIRECTORS** of the film project are C. R. Carpenter, director of the Division of Academic Research and Services, and Leslie P. Greenhill, associate director. Participants will include administrators, faculty members, production personnel, engineers, students and others associated with the television project.

## Fire Crowd--

(Continued from page one) ladders and hoses. Others were permitted to enter the first floor of the building and salvage some of the records and equipment.

A continuous parade of students carrying typewriters, chairs, desks, loaded bookcases, file cabinets, electric fans and other office equipment emerged from the first floor. The students put most of the equipment and papers on the lawn near Walker Lab.

The tons of water poured onto the building during the two hour blaze caused "terrific water damage" on the floors below, a fireman said later. At one point the water was pouring off the roof of the first floor porch like a waterfall.

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