

Today's Weather:
Warmer With
Snow

The Daily Collegian

FOR A BETTER PENN STATE

Independent
Dancing
See Page 4

VOL. 56, No. 64

STATE COLLEGE, PA., SATURDAY MORNING, DECEMBER 17, 1955

FIVE CENTS

Amendment Approved By Cabinet

The move to gain additional student representation on the Senate Committee on Student Affairs moved closer to its goal Thursday night when All-University Cabinet approved an amendment which defined exactly which two new students would sit on the Senate committee.

The two students who will fill the positions, if they are approved by the All-University Senate, are the All-University Vice President and the president of Women's Student Government Association.

Part of Recommendation
The amendment was an addition to the recommendation of the Student Government Workshop of the 1955 Student Encampment, which was approved by Cabinet Nov. 19. That recommendation called for the addition of one man and one woman along with the All-University President, who is presently the only student serving on the committee.

All-University President Earl Seely introduced the amendment to Cabinet at the request of the Committee on Student Affairs, who wished to know whether or not the desired positions would be held by virtue of office.

Will Bring to Committee
Seely said he will bring Cabinet's request before the Senate Committee on Student Affairs Wednesday. Seely seemed optimistic about approval now that the matter of explaining how the new positions are to be filled has been cleared up.

A second part of Seely's amendment provided that the All-University vice president should serve as chairman of the new Cabinet Committee on Student Affairs, which will be a standing committee and will report regularly to Cabinet.

Regular Voting Members
Seely said he will ask the Senate committee to make the new members regular voting members of the committee.

Seely also read a letter from Charles C. DiIlio, chairman of the Committee on Scholarships and Awards, asking for a representative from each class to sit in with the committee which will inter-

(Continued on page eight)

Class Excuses Not Available

The offices of the dean of men and the dean of women are not authorized to issue excuses to students wishing to leave campus early or return late over the holiday season, according to Pearl O. Weston, dean of women, and Frank J. Simes, dean of men.

The position on excuses is governed by the Senate Regulations for Undergraduate Students, Section K, which states: "A student should attend every class for which he is scheduled, and shall be held responsible for all work covered in the courses taken."

Cuts for classes will be up to the discretion of the individual instructors, according to the deans of the nine colleges.

Penn Holiday Classes Scheduled for Jan. 4

Saturday classes that were canceled Oct. 29 for the Penn game half holiday will be made up Wednesday morning, Jan. 4, the first regularly scheduled class day after Christmas vacation. Regular Wednesday afternoon classes will be held during the afternoon.

Enrollment 10th in Nation

Nuclear Reactor Is Little 'Oak Ridge'

By LARRY JACOBSON

It would be safe to say that the majority of University students know the work of the late Dr. Albert E. Einstein.

They have probably heard reports of the latest atomic bomb explosion, and a smattering of some far-off predictions about atomic energy for peace.

But how many students know what a nuclear reactor really looks like? How many have a general working knowledge of a reactor? In all probability, a small minority.

One need go no further than the east campus to broaden his knowledge. East of Pollock dormitories is the "Oak Ridge" of University Park—the nuclear reactor.

Here is found an example of atomic power being used for something other than a weapon to destroy man.

When one enters the building, education starts. Every person in the reactor building must wear a small badge containing film sensitive to radiation. Every week the films are processed to see if anyone may have been touched by radiation.

But the chance of being hit with radiation is very slight, because the reactor is under 19 feet of water.

The central room of the building housing the reactor, is where education really begins.

The outer edges of the room are bare.

In the center is a huge six-sided pool holding 80,000 gallons of water. Mounted on the sides of the pool is a piece of equipment resembling a block "T." One end of the "T" is a platform and control board, containing switches, charts, graphs, and dials that control the reactor's operation. The body of the "T" partly submerged in the pool, is composed of four safety-control rods, and pipes used to suspend a grid plate in the pool.

According to R. G. Cochrane, research associate on the nuclear project, the water serves to cool the reactor and shields workers from coming in contact with radiation from the grid plate.

The grid plate rests on a small platform attached to pipes forming the body of the "T." It resembles the exposed plates of an automobile battery.

When uranium is inserted in the grid plate and reaction reaches what is known as the "critical mass," the plate is then called an atomic pile.

The four safety rods act as controls for the pile. Composed of boron, they are sunk into the pile to stop nuclear reaction. To start the reactor, one sets the proper dials and lifts three rods

(Continued on page eight)

Dorm Lobby Flooded By Broken Pipe

The residents of Pollock Dormitory 12 were aroused at 4:30 a.m. yesterday by a commotion over a broken water pipe, which gushed water across the ceiling of the lobby and destroyed their Christmas decorations.

The pipe, which leads to the shower room, sprung a leak and poured water onto the plaster board ceiling.

In a short time, the plaster became soft and dropped into the lobby, which the men had decorated for a Christmas contest sponsored by Pollock Council.

The running water aroused some of the men and the following commotion woke the entire dormitory. Water flowed from the pipe until it was turned off almost an hour later.

About one-third of the plaster board ceiling was water-soaked. A Christmas tree and a crepe paper greetings display standing in the lobby were destroyed by the water.

Early in the morning workmen had started cleaning up the wet plaster and began replacing the plaster boards in the ceiling. Most of the damage was repaired by the afternoon.

Humphreys to Debate Here Next Semester

Sen. Hubert Humphreys (D-Minn.) has agreed to come to the University sometime next semester to debate national affairs with a Republican national leader.

Myron Cherry, president of the Young Democrats Club, said today that Humphreys was contacted by letter and has received a calendar of University events for next semester. The date, to be chosen by Humphreys, will not conflict with any major events on campus.

Yugoslavia Wins Council Seat

UNITED NATIONS, N.Y., Dec. 16 (AP)—President Jose Maza of the UN Assembly announced tonight Yugoslavia had won in a drawing of lots for a seat on the UN Security Council for one year. The deal called for the Philippines to be elected to the second year of the term which begins Jan. 1.

Maza announced that Carlos P. Romulo, the Philippines, had withdrawn his candidacy under this arrangement.

This unusual procedure, never before seen in UN meetings, was agreed upon by a number of leading delegates when five top ballots this morning showed no hope of solving the two-months deadlock over the Council seat held

by Turkey. V. V. Kuznetsov, first deputy foreign minister of the Soviet Union, who had balked in long secret conferences during the day, denounced the deal from the podium. He said it violated the UN Charter and it was illegal.

The deal calls for Yugoslavia to resign late next year and for the 11th UN Assembly to elect the Philippines.

The Philippines led Yugoslavia for all but one of 34 ballots taken since the start of the voting Oct. 14. But it was apparent that neither side could win the election unless some deal was made. Maza was said to have thought up the plan.

In addition to the Kuznetsov denunciation, John D. L. Hood, Australia whose country will take a two-year term on the council

University Lists 14,054; Is 18th in Total Students

The University, with a total enrollment of 14,054 full time students, was ranked tenth in the nation among colleges and universities in a survey conducted by Dr. Raymond Walters, president emeritus of the University of Cincinnati.

The University was listed ninth in Dr. Walters' survey last year. However, the University did not actually fall in its standing, since two universities with larger enrollments did not turn in their figures last year.

Last year's survey did not include the figures of Texas University, which ranks fourth this year, nor those of the University of Illinois, which at present ranks fifth.

In grand totals, which include both full and part-time students, the University was listed as 18th in the survey. The University had been listed 19th last year. However, this ranking has been questioned by University officials, since the figure released in the survey exceeds that which the University has released as its grand total enrollment.

'Top Ten' Listed
The top ten colleges and universities in fulltime enrollment are the University of California, 38,594; State University of New York, 24,634; University of Minnesota, 23,393; Texas University, 23,328; University of Illinois, 21,889; University of Michigan, 20,861; Ohio State University, 19,590; University of Wisconsin, 15,465; Michigan State University, 15,227, and the University 14,054.

For the third straight year "the trend is briskly upward" in American collegiate enrollment, Dr. Walters announced after completing his survey.

In 886 approved universities and four-year colleges throughout the United States and its territories, there are, this fall, 1,612,225 full-time students—nine percent more than last fall, the survey said. Part-time students are up 6.5 percent.

Important Portent
These increases are viewed by Dr. Walters as "a portent of tremendous enrollments to come in the next decade in consequence of the soaring youth population."

The current survey includes 97.3 per cent of approved institutions covered. The 25 not reporting or reporting too late for inclusion were chiefly small colleges.

As in several preceding years, 1955's biggest percentage gains for freshmen are in specialized areas of study, representing a "response to increasing demands for trained personnel in an industrialized nation." However, in actual numbers, enrollments remain greatest in the broader area of the arts and sciences.

The survey cites a 7.7 per cent increase in liberal arts freshmen. There are 8.1 per cent more freshmen in commerce and business administration, and 3.0 per cent more in agricultural colleges.

Reelection Scheduled By Party

Campus party will hold a reelection of clique officers at 7 p.m. tomorrow in 10 Sparks.

A reelection was necessitated when Dr. Ruth Ayres, faculty adviser to the party, announced last Sunday night that in the second election of the evening, 20 more votes were cast than there were students attending the meeting.

Because "foul play" was suspected by both supporters of Jack Abele and William Snyder, nominees for clique chairman, Elections Committee will supervise tomorrow's election. This includes the collection of numbered ballots, counting of ballots, and announcing of winning nominees.

The party requested Elections Committee to handle the ballot procedure because it is suspected by supporters of both nominees that attempts to stuff the ballot box and confuse an already confusing election were made at last Sunday's election.

The election was originally held to obtain new clique officers who would succeed those whose term of office ended midnight last Sunday. Although the dispute raged over the election for clique chairman the offices of executive secretary and recording secretary were uncontestedly filled by Margaret Fisher and Mary Kreider.

However, since the clique adjourned to hold an entirely different election, the elections for the secretary positions were declared invalid along with the remaining posts of chairman, vice chairman, and treasurer, Dr. Ayres said.

On Monday, the party's steering

(Continued on page eight)

Delta Sig Rebuilding Estimates Are Delayed

Rebuilding estimates for Delta Sigma Phi fraternity have been delayed and will not be available until next week, Irwin C. Boerlin, director of the audio-visual aids department and fraternity adviser, said yesterday.

Boerlin said the task of evaluating damage has been difficult, and the estimate from Building Service Corp. of State College will be delayed.

Proof Deadline Set

Seniors in the Colleges of Home Economics, the Liberal Arts, Mineral Industries, and Physical Education who have had pictures taken for LaVie and have not returned their proofs to the Penn State Photo Shop must do so before noon Wednesday.

Daily Collegian Copies

Under a revised method of circulation adopted Dec. 8, by The Daily Collegian, 550 papers are distributed daily at the Collegian office.

(Continued on page eight)