

STUDENTS VISIT UNIVERSAL ATLAS CEMENT COMPANY

An inspection trip to the Universal Atlas Cement Company at Buffington, Indiana, provided an afternoon of interest for the senior and junior chemicals last Wednesday, December 2.

This plant is the largest cement manufacturing company in the world, and has a capacity of 40,000 barrels per day. It is a subsidiary of the United States Steel Company.

All processes dealing with the treatment of raw materials to form cement were explained by the following men, who acted as guides: H. E. Gilbertson, W. Anderson, A. Thompson, L. W. Olson, and E. E. Feast.

Raw materials used in the manufacture of cement are: limestone, slag, and coal. These materials are brought to the docks in boats and carried to the plants from the docks by means of belt conveyors.

The slag, which is a by-product of the steel company, is passed through rotary driers and then ground up into particles one sixty-fourth inch in diameter. An automatic weighing machine passes the slag and limestone, which has also been dried and crushed, in the right proportions to the ball mill where it is given the final grinding before entering the kilns.

R. B. Harper Praises Dr. Monin in Letter

Dr. H. Raymond recently received a letter from R. B. Harper, vice-president of the Peoples Gas, Light and Coke Company, in which he expressed regret over the death of Dean Monin. He writes:

"To the passing on of Dr. Louis Celestin Monin, as a most valued teacher and friend, I sadly bow my head in grateful recognition of the guidance and qualities he gave to me during my student days at the Institute. He helped to make this world a better place in which to live by the effect he had upon those who knew him. No greater testimonial to a man's success in life could be recorded at his death."

Waukegan Companies Inspected By Civils

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minutest detail. This is done for emergency purposes, that is to assure a constant supply of water.

Another feature witnessed was the "tempering wall", a brick wall used to protect the lower walls of the building from disintegrating from the action of varying temperatures on the outside and an almost constant temperature within.

A miniature railroad is utilized to transport chemicals used in purification to the various parts of the building. In the laboratory, pictures of various harmful and harmless bacteria were viewed and the processes of water purification thoroughly outlined. According to the superintendent not even one B. Coli has escaped into the city mains since the plant was built. This microscopic B. Coli is an indicator bacteria and its presence shows the possibility of the presence of typhoid and dysentery germs.

Professor Scherger Lectures on Wagner

The great musical compositions of Hans Wagner were featured yesterday by Doctor George L. Scherger, in his course of "Great Leaders".

The high points of a number of the most famous selections were pointed out by Dr. Scherger, after which they were played on a public address system from phonograph records.

This was made possible by a power amplifier, dynamic speaker, and electric phonograph furnished and installed by Morton Fagen and M. J. Schinke, senior electricals.

It is being planned to use the apparatus for musical entertainment during the lunch hour under the auspices of the Senior Social Committee.

FRATERNITY NOTES

PHI KAPPA SIGMA

The annual pledge dance, was held last Friday evening and was well attended in spite of inclement weather. Under the able guidance of Pledge Brother Walker, late of Northwestern, the freshmen have successfully concluded the social events for the current 1931 season.

Brother Weis, '31, and Brother Crose, of Alpha Xi Chapter, were visitors at the house during the last week.

Brother Reich, who left Armour last year to attend Illinois, was seen around the house during the Thanksgiving holidays.

No word has been received from Brother Guettler as yet, but all the members are singing that well known ballad, "Oh, Where Is Our Wandering Boy Tonight."

THETA XI

Alpha Gamma Chapter of Theta Xi takes pleasure in announcing the pledging of Carl Landas, E. E. '35.

A week ago Saturday the annual pledge Dance was held at the house. It was well attended, several of the alumni coming down to meet the new men.

RHO DELTA RHO

The annual pledge dance, held Saturday, November 21, proved to be very successful as was shown by the large attendance.

A round-robin tournament in ping-pong has been drawn up and play will soon be started. A trophy will be awarded to the winner.

Our active chapter's basket ball team has been challenged by the alumni for a game to be played December 15.

DELTA TAU DELTA

The annual Pledge Dances of Gamma Beta chapter was held at the House on the evening of Saturday, Dec. 7th.

The Salmon brothers and John Estes of Gamma Lambda, Purdue, spent last Saturday night at the House, following the Northwestern-Purdue game.

"Pack" Brown, '21, is living with a the present time, and J. E. Kempstead, ex-'20, attended chapter meeting last week. Bob Peacock, ex-'27, dropped in for a brief visit just before Thanksgiving holidays.

SIGMA ALPHA MU

The annual Founder's Day meeting of Sigma Alpha Mu Fraternity was held Wednesday, Nov. 25. Alvin Auerbach, '31, who is now engaged in post-graduate work at the University of Illinois, was among the members who were present.

SIGMA KAPPA DELTA

The annual all-house ping-pong tournament continues to hold the interest of the members, the many well played games in the early rounds promising several hard fought battles in the semi-final and final rounds.

In preparation for the interfraternity basketball tournament, the S. K. D. basketballers engaged the Delta Tau Delta men in a closely fought game. As there was no official scorer the count was declared to be a tie.

New results in the big bridge game show the defeat of Professors Leigh and Heald.

BETA PSI

Beta Chapter wishes to thank Delta Tau Delta and Phi Kappa Sigma for the cordial invitations to their respective chapter dances.

Brother Otto Staib will be unable to continue playing for the house basketball team due to torn ligaments in his foot suffered in the hard close play with the Deltas last Thursday.

Beta's annual Christmas Dance will be held Saturday, December 19. A fine orchestra has been secured and a large number of alumni are expected to attend.

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