

J. A. Neale Speaks to Armour F.P.E.S.

Details of Stock Yards Fire Subject of Talk

Last Friday morning at the first meeting of the semester of the F. P. E. S., the members and visitors listened to a very interesting talk by Chief Engineer John A. Neale of the Chicago Board of Underwriters. The subject of Mr. Neale's talk was the "Stock Yards Conflagration." The fire received very wide-spread publicity at the time and all of those present were very glad to receive some inside information.

Cigarette Starts Fire

The fire started in an area of very combustible wooden pens, presumably from a cigarette thrown from an auto passing over the viaduct. Fires started in this area in this manner are very common, but are usually discovered very soon by a watchman and extinguished without any great damage being done. The fact that this fire occurred when there was a minimum of activity in the yards allowed it to get a good start.

Mr. Neale pointed out that while the radio broadcast of the fire was bad in its description of it, it helped very much in that the surrounding towns were informed of the fire and sent in apparatus. Most of this equipment was not sent to the fire but went to the stations of the engines that were at the stock yards. As the off-shift men reported for duty the officers were sent to these out-of-town companies to supervise their work. They also manned equipment from the repair shop and the drill school.

Another very important task that the radio performed was informing the house-owners of the need of water so that they could cut down on domestic consumption. The water consumption at the height of the conflagration was less than normal in spite of the fact that the engines at the fire were using an estimated 50,000 gallons per minute.

Dynamite Impractical

There has been much talk about the use of dynamite at this fire and when a question was asked about it Mr. Neale informed the gathering that to stop a fire of this size by the use of explosives would require several hundred thousand pounds of dynamite and hundreds of men trained in its use. One fire department chief said that if they had wanted to stop the fire by the use of explosives they would have had to start dynamiting in the Loop.

Mr. Neale closed by saying that this fire showed that a great deal of credit must be given, not only to the makers of fire fighting equipment, but also to the maintenance department. With 133 pieces of equipment working continuously for as many as from 50 to 60 hours without stop, not one of them suffered any mechanical defects. It was also noticeable that there was no fire department equipment involved in any traffic accidents.

A. I. Ch. E. Hears Talk at Dinner Meeting

Mr. Harold J. Brownlee, technical director of the Cedar Rapids, Iowa, plant of the Quaker Oats Company, read an illustrated paper on "Chemical Engineering Technology in the Manufacture of Furfural" at a dinner of the American Institute of Chemical Engineers last Thursday in the Student Union.

The dinner was given on the occasion of the first joint meeting in several years of the student chapter and the Chicago section of the society. The meeting was presided over by Mr. Fink, director of research of the National Aluminate Corporation. Jack Wieland, president of the student chapter, welcomed the members of the Chicago section in a short talk, and Dean Heald spoke a few words to the gathering.

One of the main purposes of the dinner was to afford the students the opportunity to meet men in their chosen field.

Since about half of the sixty in attendance were members of the Chicago section the meeting was successful from this point of view as from the very interesting and informative paper of Mr. Brownlee. Plans are now afoot to make the joint meeting an annual affair.

Armour Wrestling Team, Organized Four Years Ago, Coming To Front

The wrestling section of Armour's sport activities is rapidly coming into its own. The first Armour wrestling team, organized some four years ago, proved a successful venture and each successive year has witnessed the development of a better team. Last year saw the team winning consistently over its scheduled rivals. Armour wrestlers won the majority of their bouts with Y. M. C. A. teams, and tied the Wheaton team, the state champs, in bouts, only to lose out on points. This year the ranks of the "grunt-and-groan" artists have been greatly swollen by the advent of 46 new "pretzel-benders". Matches will be arranged

between the newcomers, and the winners of each weight class are then admitted into the team. The choosing of the members for the team is strictly on the basis of "the survival of the fittest". The team is usually composed of at least nine men, thus each of the weight classes can be represented.

Shortage of Lightweight Matmen

The wrestling team is coached by Coach "Sonny" Weissman, managed by George W. Wheaton, and captained by Robert Schmidt. Captain Schmidt reports a shortage of lightweight material and assures all lightweight wrestlers an excellent chance of making the team. There is still

time to sign up, for the boxing team, with only four of the regular members back this year, is not faring as well as its ring brother, the wrestling team. Thirty freshmen have answered the call to battle, but more men are wanted. All men versed in the manly art of fisticuffs are urged to join. The boxing team, like the wrestling team, is experiencing a dire need for men in the light-weight classes, below 130 lbs. Coach Weissman has been putting

the new men through their paces, slowly shaping them into a fighting unit of punch and pugilistic power. The team has not, as yet, elected a captain and a manager. The boxing schedule, like that of the wrestling team, starts in another month.

A man-sized black camera, stretching out seven feet horizontally, is being used by University of Minnesota psychologists to record the speed and movement of the eye as it reads the printed page.

Sphinx Honor Society Will Meet Thursday

Sphinx, Armour's honor Literary society, plans to open its activities for the year with an important meeting to be held on Thursday afternoon at 4:00 o'clock in the Tau Beta Pi rooms. All members of the society are requested to be present at the set time.

EXAMINATIONS FOR REMOVAL OF CONDITIONS

Tuesday, October 16, 1934	Instructor	Room
2:10-4:00 P. M.		
All Mathematics	Bibb	B Main
Wednesday, October 17, 1934		
2:30-4:20 P. M.		
Physical Chemistry	Freud	C Main
Organic Chemistry	Freud	C Main
Physics, 201, 202, 204	Thompson	A Chap. H.
3:10-5:00 P. M.		
Social Science, 102	Blough	3 Mach. H.
Thursday, October 18, 1934		
2:10-4:00 P. M.		
Engineering Mechanics, 201, 202	Paul	D Mission
Applied Mechanics, 205	Paul	D Mission
Hydromechanics, 302	Paul	D Mission
Friday, October 19, 1934		
3:10-5:00 P. M.		
Engineering Problems	Blough	3 Mach. H.
2:10-4:00 P. M.		
Experimental Engineering	Libby	A Mach. H.

Students planning on taking these examinations are requested to report to the instructor in charge three days before.

ARMOUR INSTITUTE OF TECHNOLOGY

Enrollment for First Semester 1934-1935

	Graduates	Seniors	Juniors	Sophomores	Freshmen	Special	Total
Mechanicals	3	30	32	44		2	111
Electricals	4	28	44	47		3	126
Civils	5	18	33	35		3	94
Chemicals	3	28	37	47		1	116
Fire Protects		16	14	15			45
Architects	2	26	24	17	21	4	94
Science			2	7			9
Engineering and Science					191	1	192
Total	17	146	186	212	212	14	787



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