



By William Alt

JAPAN'S sudden change in government last week indicated that she is about to embark on an era of intensive militarism that will dwarf her previous aggressive policies. Control will in all likelihood be vested in the hands of high army and navy officials who believe that the previous government which was led by Premier Okada was much too liberal. His party, in practice, looks far from moderate in the eyes of the Western World. Theoretically it is democracy and constitutionalism which are curses to the army war lords.

THE RESULTS forthcoming from the new government are likely to have a most profound effect on many nations having extended interests in the Far East. Those that will be most seriously affected by the change are Great Britain, Russia, and China.

By the resumption of her aggressive policies, Japan will probably attempt to completely dominate China. However, Great Britain is an important factor which the Japanese must consider. For many years the United Kingdom has enjoyed foreign trade with the Far East which they have controlled to a great extent by managing China's monetary system. A loss of this trade with all her territorial holdings would be a serious blow. England will certainly not relinquish her possessions easily.

RUSSIA on the other hand has far more to fear than England. A communistic spokesman stated, "If a group of officers with an armed regiment from the barracks can organize a man hunt of government ministers and political leaders in the nation's guarded capital, it is easy to understand what adventures these gentlemen would carry out if they controlled the situation entirely. It is unavoidable to question what degree of peace for Japan itself and the Far East are guaranteed from a repetition of such explosions.

SOVIET attempts to establish a general security pact with the former Japanese government to settle border disputes have proved fruitless. Armed clashes are more and more frequent on the Mongolian frontier and on the border between Manchukuo and the Maritime Province.

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Fleming Speaker at Joint Society Meet

"Over fifty per cent of the lives lost in fires could have been saved over the drawing board. If we protect our fuel and our drafts we shall cut our fire losses in half." These were statements made by T. A. Fleming in a talk on "Fire Protection in Building Construction" before a joint meeting of the F. P. E. S., W. S. E., and Arx at 10:30 a. m. last Friday morning. Mr. Fleming is a touring speaker at present for the National Board of Fire Underwriters.

After studying 78 major conflagrations, the National Board found that all but one were caused by the faulty building construction. This one was the San Francisco conflagration, which was caused by an earthquake.

Several examples were given by the speaker in which insignificant fires in fireproof basements circulated a draft of hot air in shafts and air-conditioning ducts, causing loss of life and fires several floors above the small fire. Mr. Fleming said that when one breath of this hot air is taken into the lungs, death results.

He said that there should be heat-actuated control of dampers and fans in air-conditioning ducts. These ducts are lined with very flammable material whose function is to absorb the sound of passing air.

Radio Dance Planned for Alpha Chi Sigma

Plans have been completed for the radio dance and buffet supper to be held Friday, March 6 by the Armour chapter of Alpha Chi Sigma, national professional chemical fraternity. The Motor Club Inn at Michigan Boulevard and 33rd has been selected as the site of the dance to which alumni members of the Chicago professional chapter of the fraternity, as well as members and pledges have been invited.

As the first social event of the year for Alpha Chi Sigma, the dance promises to be a great success, according to L. W. Robbie, in charge of arrangements. Other members of the arrangements committee are O. E. Norris and P. R. Schultz. Professor Barr, faculty advisor, will also be present.

At a meeting held last week, C. D. Rodriguez, a senior in chemical engineering, was pledged to the fraternity.

Dr. G. Brown Speaker at A.I.Ch.E. Meeting

Refrigeration by the cyclic-solution absorption method was discussed by Dr. G. Brown at the meeting of the A. I. Ch. E. last Wednesday evening at the Hamilton Club. The question of its practical use for heating or cooling large buildings was brought up, and it was pointed out that while the apparatus required was quite expensive it probably could be made practical. The advantage is that the operation is reversible, which means that in the winter, it would be used for heating purposes while in the summer it could condition the air. The technical details were discussed during the course of the evening.

Dr. Brown is Professor of Chemical Engineering at the University of Michigan. Dr. Barr, who is an officer of the Chicago section was the Armour representative at the meeting.

Dean Heald Presents Key to City Engineer

With members of the Armour faculty and student body attending, Loran D. Goyton, City Engineer was presented with his key to Chi Epsilon, honorary civil engineering fraternity, at a luncheon last Thursday. The key was presented by Dean H. T. Heald in the Aquarium Room of the Hamilton Inn. The luncheon was arranged by Messrs. G. W. Kohout, and G. D. Arvites, graduates of Armour Institute in civil engineering. Mr. Goyton is a graduate of the University of Illinois and was initiated into Chi Epsilon last January.

Among those attending the luncheon were: Prof. M. B. Wells, Mr. E. S. Nethercutt, former director and secretary of the W. S. E. and former professor in the civil engineering department. Henry Penn, District Engineer for the American Institute of Steel Construction, as well as many Armour alumni, and members of the Armour chapter of Chi Epsilon also attended.

Chess Club Will Run Round-Robin Tourney

Beginning Monday the Chess Club will run a round-robin chess tournament in which ten members will participate. A time limit of ten weeks has been set during which time, all games will be expected to be played off.

During the next two weeks probably two meets will be held; one with the Northwestern University chess team and the other with the Oak Park club.

New members are invited to join the Chess Club. A tournament for the new men as well as for other members of the Chess Club will be arranged. Those who care for only an occasional game of chess can make use of the club quarters in the first entrance Chapin Hall, fourth floor. The club meets every day at noon.

Many Trustees and Alumni Attend Musical Clubs' First Public Concert

Faculty Women's Club Holds Reception

A large and glamorous group of alumni, faculty members and their wives, students, parents, and guests witnessed the first public concert of the Armour Tech Musical Clubs at the Goodman Theater last Friday. From both the musical and the social aspects the concert was a huge success.

It seemed that the glee club and orchestra were competing for high honors; both displayed such skill, however, that in your critic's opinion, the result was such that both could feel victorious. The varied lighting effects seemingly played with the music on the emotions of the audience.

Soloists Do Excellent Work
Signs of nervousness of the men wore off as the concert progressed and the singing of the Alma Mater closed one of the most successful events given by the Armour Tech Musical Clubs.

George Ormsby, piano player for the orchestra and accompanist for the Glee Club, was specially commended by the audience for his good work. The soloists, Frank Hrachovsky, tenor, John Johnson, trumpeter, and Robert Paulsen, saxophonists, did their jobs exceptionally well, judging by the applause.

Reception a Welcome Feature
The receiving of members of the Faculty Women's club during the intermission created a remarkably friendly atmosphere among the guests. Several members of the Board of Trustees could be seen conversing with faculty members and alumni. Judging by the success of this concert, it is probable that one will be held again next year.

Radio Club to Expand Rooms and Activities

Members of the Radio Club are at present engaged in the process of remodeling their meeting place. This expansion, which has been made necessary by the increased number of members, will be accomplished by converting two adjacent rooms into one. Fifteen of the twenty-five members are licensed radio operators.

Membership in the Radio Club is open to students in any department who are interested in radio work. Most of the present members are working to become licensed operators.

Soph 'Cotillion' to Have Later Hours

Friday, March 13, is the day on which superstition will be voided, and Techawk social life will reach a peak at the Sophomore "Cotillion" to be held at the Lake Shore Athletic Club. On this date, a new type of dance will be introduced to the student body. The hours of the dance are 10:00 p. m. to 1:30 a. m. Questioned regarding the later starting hour, S. E. Healy Jr., social chairman, stated: "In the past, Armour dances have started too early in the evening, and as a result, students living far from the loop never arrive until late in the evening." Another new feature of this dance will be the door prize which will be given to some lucky feminine guest. The drawing for this prize will take place at midnight.

Eddie Woodward's band is characterized by a versatile manner of changing from the slower types of dance music to the faster "hi-de-ho" numbers. Through all their pieces, this ten-piece band presents a pronounced danceable rhythm. One of their many features is the imitation of theme songs of many of the famous dance orchestras over the country.

Bids were placed on sale last Friday morning. A fast selling campaign immediately went into effect with the announcement of the "one free bid with every ten sold" policy.

NEW REPORTERS A Few Freshmen and Two Sophomores

...Who expect more from college than mere academic training...

...Who are interested in newspaper work, particularly the managerial end...

...Will find an opportunity to secure these advantages and more on the editorial and sports staff of the **ARMOUR TECH NEWS**.

...Sign up for this year's staff at a reporter's meeting at noon today.

...**ARMOUR TECH NEWS** office, 4th entrance, 2nd floor, Chapin hall.

Players Will Discuss Party on Wednesday

Arrangements for a party to be given Saturday evening, March 14, at the home of S. M. Miner, will be discussed at the Armour Players' meeting tomorrow. The presentation of a skit and other arrangements toward entertainment will be topics of the meeting. The party is planned to be a mixed gathering, and Professor Hendricks, faculty sponsor, and his wife, will attend.

Tentative plans for the next play to be produced by the players include a one-act version of a Shakespearean drama, and the probable production of a three-act play about the middle of May. As a feature of "Open House Night" during Junior Week, the staging of a puppet show has been discussed.

'Cycle' Is to Have Societies' Backing

With arguments in regard to distribution of composite fees settled and disposed of, the editorial staff of the Cycle announces that the honorary and social fraternities and departmental organizations have approved of the prices set for their sections.

In the forthcoming issue of the annual there will be more advertisements than in the preceding years, and consequently more space will be devoted to them.

The cover will be an imitation leather with attractive impressions and a clever color scheme. Its size will be the same as that used in previous years.

Cycle pictures are to be taken in the gymnasium on the following days:

Wednesday, March 4—
9:30—Junior Class.
10:30—Sophomore Class.
11:30—Freshman Class.
12:15—Campus Club.
1:15—American Society of Mechanical Engineers.
1:35—Fire Protection Engineering Society.
2:00—Western Society of Engineers.
2:20—American Institute of Electrical Engineers.
2:40—American Institute of Chemical Engineers.
3:00—Armour Players.
3:20—Honor "A" Society.
3:40—Interclass Track Champions Sophomores (in uniform).
4:00—Interfraternity Basketball Champions Phi Pi Phi (in uniform).

Thursday, March 5—
9:30—Armour Architectural Society.
10:00—Rifle Club.
10:20—Chess Club.
11:15—Indoor Track squad (in uniform).
11:30—Cheer Leaders (in uniform).
11:45—Radio Club.

Although students are excused from their classes at the time their group pictures are taken, the photograph committee has requested that they be prompt to avoid confusion, and that they leave the gymnasium after their group has been photographed.

Fraternity Dance to Be Held at Medinah

After several attempts in the past, the first annual inter-fraternity dance is to become a reality on Saturday, March 7. The affair, a formal supper dance, is to be held in the Imperial Dining Room of the Medinah Athletic Club, and will be enlivened by the music of Charlie Straight's popular orchestra.

About eighty couples, representing the social fraternities and stray Greeks at Armour, will be assured of excellent surroundings in the atmosphere of the Imperial Room, according to George L. Savidis, chairman of the event. This room is larger than the Tropical Room which was first selected for the dance. It has balcony tables at two ends of the room and is used regularly for formal dining affairs.

Further assurance of perfect dancing conditions has been provided by the selection of Charlie Straight's orchestra to furnish the snappy college-rhythm type of music which he incorporates in his playing. Special arrangements of Armour fraternity songs will be featured.

Downtown W.S.E. to Hear Talk on Utilities

Louis Martin Sears, Professor of History, Purdue University, will speak on the public utility business at the meeting of the Chicago W. S. E. next Monday, 7:00 p. m., at the Engineering building, 205 W. Wacker Drive.

Professor Sears will picture the utilities as seen by the average citizen, and his views have been reported to be of interest to all engineers.

A common notion at Armour has been that the W. S. E. embraces only civil engineers. This is not true; the W. S. E. is a society for all engineering. The Chicago W. S. E., both the main and junior sections, has issued an invitation to Armour men of all departments to attend the meetings. The main section meets on Monday, and the junior section on Thursdays.

The topics of the next meetings are of a more technical nature than the present one. The following is a schedule of talks from March 5 to March 23:

March 5—"Oxy-Acetylene Welding and Cutting Practices"—C. E. Rhein.
March 9—"Engineering in Gas House-Heating"—Alfred G. Canar.
March 12—"Gas and Ceramic Industry in Northern Illinois"—C. F. Hennessy.
March 16—"Selection and Application of Cast Metals for Engineering Construction"—G. P. Phillips and "Engineering in its Relation to Foundry"—G. M. Zabel.

Student Talks to Be Given at Math Club

N. Lozins and J. Bobhill are to be the speakers at the first Math Club meeting for this semester on Friday, March 6, at 10:30 a. m.

Themes for the speakers are "The Life of Pythagoras," and "The Pythagorean Theorem. M. Dannis, whose paper on "Trick Mathematics," was announced last week, is to speak at a later meeting.

A continuation of the lecture on the slide rule which was given last semester is contemplated by the club. If enough interest is evidenced, the lecture will be continued.

E. Simek Recovering from Serious Illness

Ervin J. Simek, recently appointed business manager of the *Armour Tech News*, has been seriously ill with influenza at the Municipal Contagious Disease Hospital, and for the past two weeks his duties on the News have been assumed by C. Du Sell, past business manager. Simek is well on the way to recovery now, however, and expects to resume school work in about three weeks.

STUDENTS WILL VOTE ON A.T.A.A. FRIDAY MORNING

Honor Awards and Tau Beta Pi Assemblies to Follow Soon

CHANGES APPROVED

After a long period of discussion, the second revision of the A. T. A. A. will come up for a vote before a general assembly of the student body next Friday morning at 10:30 a. m. Beginning with a heated discussion last December 5, an unusual interest in the constitution led to the formation of a constitutional committee composed of R. R. Johnson, J. O. Larson, H. P. Milleville, S. Miner, D. J. Neal, R. M. Paulsen, R. A. Peterson, and F. X. Popper. This committee formulated several changes, which were submitted to the various classes.

List Important Changes

The important changes proposed by this committee were approved in general, by all four classes and are as follows: a change in title to Armour Tech Student Association; a new statement of the object of the organization; the inclusion of the alumni as members; the addition of another student member to the Board of Control; inclusion of the total amount of surplus in the yearly financial statement; and the delegation of the power of hiring coaches to the Board of Control.

The sophomore class was the last to act on the proposed changes, at their meeting yesterday, while the freshmen were the only class to accept the changes with reservations.

Two Future Assemblies

In addition to this important assembly, there are two more in the offing. First will come the honor assembly, which meets for the purpose of making public awards to outstanding men at Armour, the awards being given for athletic and other activities.

The second assembly is to serve the purpose of publicly introducing those men who have been elected to Tau Beta Pi, national honorary engineering fraternity.

'Coal Supply to Last 120 Years': W. Abbott

"After the Coal Is Gone—Then What?" was the subject of a highly entertaining discourse given at the Friday A. S. M. E. meeting by W. L. Abbott, retired chief engineer of the Commonwealth Edison Company. Mr. Abbott, who has spoken at Armour on numerous previous occasions, has spent fifty years as an engineer in the field of electrical power generation and is a widely recognized authority on the operation of steam power plants.

Consume Coal Supply
Mr. Abbott's lecture was of a speculative nature and well spiced with humor. According to Mr. Abbott, the world's coal supply should be entirely used up within a period of one hundred twenty years. As a result of the burning of all this coal, he said, the tendency will be to greatly increase the amount of carbon dioxide in the air, producing a situation similar to that of the Carboniferous Age.

Temperate Zone to Change

Mr. Abbott explained that the great size and abundance of vegetation in this period was caused by the large percentage of carbon dioxide in the air. It was at this time that the formation of our coal deposits began. When the burning of the coal returns the carbon dioxide to the air, according to Mr. Abbott, not only will vegetation become abundant but this gas will store heat from the sun's rays, extending the temperate zone some five hundred miles northward, so that there may also be some advantages resulting from the loss of our coal supply.