



The Manitoba Professional Engineer

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NO. 4

Meeting Rejects Building Plans

By R. C. SOMMERVILLE, P. Eng.

On October 25th at Westinghouse Auditorium over sixty Engineers rejected the recommendation of the Advisory Committee that permanent quarters be erected for the Association.

The meeting was chaired by Professor Ray Chant, in the absence of W. L. Wardrop, and he demonstrated exceptional ability in parliamentary procedure in bringing a two-year-old motion off the table and into the arena for debate.

Mr. D. S. G. Ross, reporting for the Advisory Committee, briefly summarized the history of this project. The Committee was first asked, by Council, to look into the matter of securing quarters in 1957. Very shortly before the Annual Meeting in January, 1959, the Committee found a property on Roslyn Road which appeared to be eminently suited to the Association's needs. An ill-prepared motion, seeking approval to increase fees to finance the venture was brought before the Annual Meeting and in a "rough-house" debate, was approved, but the motion was later defeated by a letter ballot of the members. At the same Annual Meeting, a motion permitting Council to acquire real property to a limit of \$60,000.00 was tabled, and Council was instructed to continue the investigation of securing a building, within certain limited terms of reference.

The Advisory Committee finally reported to Council in December, 1959, but Council felt there was insufficient time to bring this before the January, 1960, Meeting. At this meeting, Council was instructed to circulate the report of the Advisory Council to all members.

Briefly, the Advisory Committee's Report outlines their investigation and concludes in a recommendation to purchase property and construct a business office with a Committee Meeting Room over an unfinished basement, which could subsequently be finished to accommodate club facilities. They recommended the Committee Room take the form of a Geodesic Dome. The cost of this structure was estimated at \$58,000.00, and would result in a maximum increase in annual dues of \$7.56.

Mr. T. E. Weber then reported for Council. Council's feeling was that while they favoured the acquisition of permanent quarters eventually, they felt that the membership was not yet sufficiently large to undertake this expenditure. A very detailed verbal report was given, projecting Association expenditures for the next few years on various bases. These included the hiring of a full time registrar and the entering into of Confederation. The most

expensive of these alternatives, based on engaging a full time registrar, entering into Confederation and a normal increase in operating expenses would increase dues to \$25.20, not including any levy to carry permanent quarters. Council felt these dues were sufficiently high without the increased expense of owning and operating a building.

After a rather lethargic debate, the original motion, authorizing Council to acquire real property to a limit of \$60,000.00 was put and unanimously defeated.

Some of the unkind criticism of Council and the Advisory Committee was nullified by a motion complimenting the Advisory Committee on their work over the past two years and endorsing the actions of Council.

Only a few of the members present entered into the debate and it is difficult to assess the general feeling of the membership towards the building. It was suggested at the meeting that Council solicit the general membership in the form of a questionnaire, aptly worded, to determine whether or not the membership as a whole agrees with the recommendation of Council.

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CONGRATULATIONS

To W. J. Ducharme who was re-elected to Council in Fort Garry.

To L. E. Ostrander who was elected to Metro Council in Division 7.

To Mr. and Mrs. W. Brian Hawcroft on the birth of a son, John Prescott, on October 25th, 1960.

To Mr. and Mrs. J. W. A. Godfrey on the birth of a son, Paul John, on October 13th, and on the birth of a niece, Joanne Kimberley on October 12th.

To Mr. and Mrs. T. W. Godfrey on the birth of a daughter, Joanne Kimberley, on October 12th, and on the birth of a nephew, Paul John, on October 13th.

To Mr. and Mrs. W. A. Corbett on the arrival of a son, Glen Andrew.

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FLIN FLON VISITOR

We were indeed glad to welcome Mac Colison to Winnipeg recently. Mac was in the city on a combined business, Christmas Shopping and Grey Cup excursion and also had time to visit friends in the Association,

Under the Dome (Geodesic)?

It was a curious meeting. Here, in a vast appliance showroom, surrounded by the glistening opulence of the most modern electrical and electronic products, representing perhaps the epitome of engineering design, a group of professional men demonstrated one form of the practice of engineering.

A layman's definition of engineering might be "the science of doing things as cheaply as possible." This attribute was clearly evident of the meeting which had been called specifically to discuss the merits of acquiring more sophisticated quarters for the Association. A committee report was presented which recommended the acquisition of a basic building which could be expanded in the future, the plan to cost each member a nominal amount annually. This proposal was greeted by cries of "unwarranted extravagance" by a few members with the majority sitting in silence, presumably stunned at the thought.

Two members of council then preached a sermon of incipient ruin, warning of rising costs and the possibility that dues might have to be increased to \$25.00 in 1965 if a permanent registrar is engaged and if Confederation ever became a reality. A glimpse of council's attitude was revealed in a statement to the effect that activities of the Association would be curtailed, if necessary, to balance the budget without increasing fees.

No voice was raised against this doctrine of frugality. No one questioned the relevance of Confederation to the subject of the meeting. Even the debate on the motion was parsimonious, and, after a few desultory words from three or four reckless spendthrifts, the motion was defeated by a show of hands.

Then, smug in satisfaction over this triumph of economy over extravagance, the members filed quickly by the rows of costly electrical appliances, resplendent in seductively tinted plastics and exotic cabinet-woods, passing out into the cold, dark fog.—R.C.S.

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We have received word from Major R. N. Shaw, P. Eng., who has been serving with the armed forces in Europe for three years, that he is returning to Canada and will be located at Kingston, Ontario.

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TRANSFERS

The following have been registered on transfer from other Associations:

M. Mindess (Ont.), E. A. Dillon (Alta.), G. W. Swift (Alta.), M. Avrin (Ont.), W. M. Halsall (N.B.), J. Hoogstraten (N.S.), W. R. Campbell (Alta.).

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President's Report

By W. L. WARDROP, P. Eng.

This will be my last opportunity to provide the President's remarks for the Manitoba Professional Engineer. It has been a great privilege for me to serve as your President for the last two years and to have been so closely associated with the activities of the A.P.E.M. It has been a most rewarding experience. I wish every member had the opportunity of taking an active part in the affairs of the Association. Obviously, this is not possible; but I am sure if it were, it would allow for a more dedicated membership to the professional obligations of our Profession. The larger an association becomes, the less opportunity there is for the majority to gain this experience.

During the past year, there may have been matters which Council has failed to resolve satisfactorily, but in most cases this can only be attributed to the time element. Council has devoted a great deal of time to the affairs of the Association, and I would like to record my appreciation for the co-operation given to me by the members of Council and the various committees that have been active during the year. Mrs. Dunklee, our Executive Secretary, has been of great assistance in keeping the various activities functioning properly.

In general, I think we have had an excellent year. Our membership has increased steadily. The Annual Dance and the Fall Frolic again were very successful. Both the spring and fall golf tournaments were particularly well-attended, and I believe, proved most enjoyable occasions.

Considerable interest was shown on the part of the membership in the matter of possible permanent quarters for the Association by the good attendance at the Special Meeting held on October 25th for this purpose. This would be a very desirable objective when Council decides that our membership is sufficient to support such an undertaking.

The Annual Meeting will be held on Saturday, January 21, 1961, at the Marlborough Hotel. Again, it will start at 9:30 a.m., with registration and receiving of committee reports in the morning, a reception and luncheon at Noon, with the business portion of the meeting continuing in the afternoon. Our guest speaker for the luncheon will be Mr. F. W. Gilbert of Atomic Energy of Canada Ltd., who will speak on the Whiteshell Nuclear Research Establishment. Mr. Gilbert is in charge of organizing the Whiteshell project. Work is scheduled to commence early next year, and I am sure members will enjoy a first-hand account of the proposed development. Mr. Gilbert is a native of Manitoba, raised and educated in Winnipeg; although his last three years of University were taken at Queen's University at Kingston, Ontario. A few of our members have heard Mr. Gilbert speak and as one of them, I can assure you that he is really worth hearing. W.N.R.E. will have far reaching effects on the future of Manitoba and will undoubtedly provide great opportunities for engineers and architects in this

area. It is our hope that a substantial number of our members will make arrangements to attend the Annual Meeting.

I would like, on this occasion on behalf of Council and myself, to extend to our members and families, best wishes for an enjoyable Christmas and a very prosperous New Year.

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J. C. GILLESPIE, P. Eng.

J. C. "Chris" Gillespie is Managing Editor of this Bulletin. His meteoric rise in the newspaper world is the envy of many newspaper men and the inspiration for any aspirants in this field. Two weeks after joining the staff of this paper Mr. Gillespie was promoted to the onerous position of Managing Editor and the job has grown with him. His duties include managing the reporters, the feature writers and the photographers and any other jobs the Editor wants to sluff off. He is in charge of entertainment for foreign correspondents who report to headquarters from time to time. He is one of a rare species — an engineer who can read, write and spell. His ability and genial good humour should carry him far in the field of journalism, something which will probably happen in spite of his own natural reticence.

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Take a Gulp or Pass the Cup

This Association is fortunate indeed in that its members take such a keen interest in its affairs. There have been occasions when as many as 18 were willing to stand for election to Council and it is rare indeed when there are not twice as many names on the ballot as there are vacancies to be filled. It is certainly heartening that members are willing to give of their time and their talents to further the progress of the Association.

With the various committees the situation is much the same, with the difference that committee members are not elected. While some of our sister Associations are encountering difficulty in recruiting members for committee work, we have the opposite experience. In fact, a check with the office reveals that there is actually a waiting list of volunteers who would like to serve on committees.

We talked with some of the committee chairmen and discovered that attendance at meetings ranged from 30 to 40% on some committees up to 90% enjoyed by the Bulletin Committee. Several chairmen, however, reported that while they had a full complement of names, attendance was somewhat irregular. In some instances there were members who had attended no committee meetings at all in 1960, and others who had attended less than 50% of the meetings called.

This is in no way intended as a reflection on those who have been unable to take an active part in the work of the committee on which they serve. Most engineers are extremely busy people. Many of them travel a good deal and are out of town. Some have good intentions and run into last minute emergencies.

However, in view of the fact that we do have a waiting list it would seem sensible for those people who find they really cannot spare the time for committee work to relinquish their place on the committee to those who are able to spare more time. Or to paraphrase an old familiar saying: "If you have nothing to contribute, don't contribute it to our committees." Take a year or two off until such time as you are in a position to devote more time and give those who are waiting and willing a chance to serve.

Committee chairmen are naturally reluctant to suggest that those who cannot attend meetings resign from the committees, but the fewer members who attend meetings the greater the load the chairman himself must carry.

With this article we do not want to discourage any who may have intended to volunteer for committee work in 1961. While we do have a waiting list, we also have some openings on some of the committees. We try to give volunteers a choice and sometimes the choices do not coincide with the vacancies. And good recruits are always welcome.

While we are on the subject we would like to extend accolades to those who serve on the Association's committees. A tremendous number of man hours is put in each year. There is a committee meeting almost every week — sometimes two or three. The Board of Examiners puts in long, tedious hours considering the academic qualifications of applicants with varying degrees of education obtained all over the globe. The social committee does a tremendous job looking after the many details forerunning the smooth running dances, trying to handle capacity crowds, dealing with caterers, musicians, licensing bureaux, etc. Many of our members such as Ken Hallson, George Flavell and Carl Pontifex, have served on more than one committee and served them all well. We most certainly do not want to discourage these and many others from continuing the good work. We would suggest that those who do not have the time should give way to our list of willing volunteers.

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COMMITTEES FOR 1961

Shortly after the New Year the committees for 1961 will be set up. Will anyone who would like to serve on any of the Association's committees please advise Mrs. Dunklee by telephone, WH 3-6745.

Dear Santa Claus P. Eng.

Dear Santa:

Our list this year is rather large,
Because of course our group has grown.
Please bring for Gobert, Muir and Ross
A geodesic dome of our very own.

For W. N. Isberg a few grey hairs
So he can shave the moustache off;
For Charlie Landon a bottle of rye
In case he develops a cough.

For bachelors Evan, George and Ben,
(The Association's pride),
Blondes, brunettes, redheads galore
And maybe even a bride.

For Council we'd like a laugh or two
To brighten their meetings up.
For D. J. Sampson a quart of champagne
To fill the Sullivan Cup.

And President Wardrop could surely use
A 30-hour day.
And a boy or two for Sommerville's harem
If the stork goes again that way.

For Morrice, two Mitchells, Thrall, Austin and
Smith,
Of Thompson, Flin Flon and Lynn Lake,
The thing they want most is receptive T.V.,
The commercials they think they can take.

Can you put money into the socks of those
Reluctant to pay the annual fee?
For W. D. Hurst we ask a whole year
Of newspaper reporters completely free.

Have you got a handbook for engineers
To teach them how to write and read,
What a surname is, and how to spell;
We guarantee there is a need.

For Warrener, Gottfred, Burrows and Pike,
Who look after our social fare,
Successful dances, without any beefs,
From the patrons who turn up there.

The membership boys want more engineers,
Please help us in this if you can.
Messrs. Mudry, Soroka, McLure, Godfrey
Are in charge of the membership plan.

A harem would do for Edward Magill.
More leisure for James H. McGuirk.
And for Mrs. D. we would recommend
Longer hours and much more work.

Remember Maclure who's in West Pakistan
And Hamilton down in Peru.
In the U.S. there's Jacobs, Myrdal, Tidholm
and Foord,
Ioakimidis, Pratt, Swearingen too.

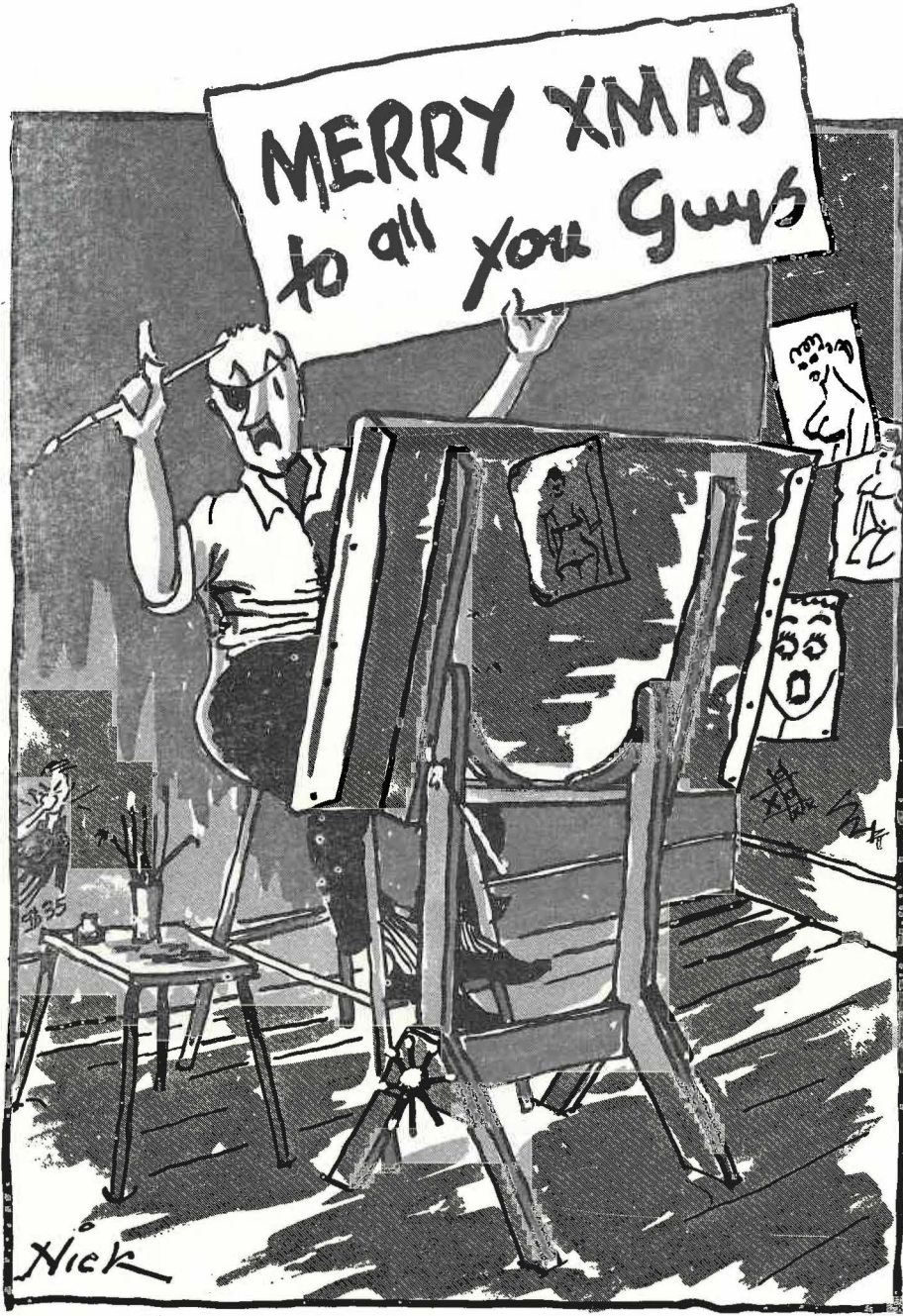
For Silver Heights marches in the midst of the
night,
A peculiar request we now make;
We'd like you to bring, if you have any left,
Some bagpipes for marcher Verne Drake.

Have you got something special you could drop
in the sock
Of some members in whom we take pride,
Who enhance the profession to which they
belong,
And don't just come along for the ride.

There's Harland and Hoogstraten, Storey and
Wright;
Macdonald, Flavell, Sanger, Roper and
Shane;
Antenbring, Carlson, Wilson and Roche,
And many more we could name.

Our requests are many we quite realize,
From champagne to geodesic domes.
But it's obvious to all that what we need most
Is a poet who can really write poems.

—Anon.



NEW MEMBERS

The following have been registered as members of the Association of Professional Engineers of the Province of Manitoba:

D. Blackburn, F. Bush, L. R. Campbell, H. Dashevsky, F. S. Gira, W. C. Sellens, A. C. Shames, P. D. J. Vinckenborg, K. H. Williamson, H. A. Ellis.

* * *

T. H. KIRBY, P. Eng.

It is with deep regret that we record the passing of T. H. Kirby, who had been a member of this Association since 1920. Mr. Kirby, who always had a twinkle in his eye and a cheerful word on his lips, was the first cartoonist on this bulletin. In tribute to him we are reproducing in this issue the cartoon that appeared in the December, 1957, issue. He will be sadly missed on the Bulletin Committee where he contributed not only his talents as a cartoonist but also his genial good humour.

HOW TO VOTE

Ballots for voting for members of Council will soon be distributed to members. This year the manner of voting has been changed. Instead of marking five crosses beside the five candidates of your choice, the preferential system has been adopted and members will be asked to mark their ballots in order of preference — 1, 2, 3, 4, 5, giving number 1 to the first choice, etc. All ballots marked with an X, therefore, will be invalidated.

**THIS YEAR DO NOT MARK YOUR
BALLOTS WITH AN X**

**MARK YOUR PREFERENCES IN
ORDER, 1, 2, 3, 4, 5**

* * *

ENGINEERS IN TRAINING

The following have been enrolled as Engineers in Training:

L. L. Pokrant, J. Klassen, D. G. Balacko,
I. F. McIntosh.



Reading from left to right: I. W. Thomas, Garden Editor; C. R. McBain, Fashion Editor; R. C. Sommerville, Editor; J. C. Gillespie, Managing Editor; G. R. Kirk, Ace Reporter; K. Hallson, Puzzle Editor; W. A. Corbett, Sports Editor, and Miss Lyn Smith, Entertainment Page.

—Picture by Staff Photographer G. A. Tough, P. Eng.

Under the Disraeli Bridge

By R. KIRK, P. Eng.

At least one professional engineer has some doubt regarding the usefulness of the Disraeli Bridge. To the mailing department of the E.I.C. Journal he is known once as J. C. Gillespie, P. Eng., and also as J. Chris Gillespie, P. Eng., but he is probably better known to the public as Captain Gillespie of the "St. Peter." The St. Peter is a forty foot, two masted sailing boat with one mast thirty-seven feet high and it was this mast which caused the problem.

Captain Gillespie can assure all other Red River navigators that at high water the clearance under the bridge is NOT thirty-seven feet. Faced with this problem while attempting to bring his craft upstream to its winter berth, the Captain arose to the occasion with a true sea captain's stubbornness and announced "I have the right of way." Unfortunately unlike the story from the *Arabian Nights* these words did not have the desired effect and Captain Gillespie was forced to resort to some engineering know-how.

Seeing that it was unlikely that he could cause the bridge to go up, short of using a small charge of T.N.T., he concluded that the boat would have to go down. Shanthaing all available personnel he took on fourteen hefty men. As this was not enough he opened up the sea cocks and let in a couple of tons of water until he had converted his engines from an air cooled system to a water cooled one, all in the space of a few minutes. Even this was not quite enough so he had all personnel shift to the starboard side and slackened off all port stays while tightening down all the starboard ones. At first it appeared that this was not going to work either but he noticed that over to the left there was a difference in the bridge plate thickness which would give him approximately another inch. Then very carefully guiding his mast between the rivet heads he managed to bring his boat through. He now has all winter to contemplate the return trip next spring.

Permanent Quarters

After attending meetings, and hearing reports connected with proposals for permanent quarters, it becomes increasingly obvious that any building proposal tied to a substantial increase in annual fees is not going to get very far off the ground.

Some of the reasons for this appear to be that—

1. Any expansion of business office facilities, which may be foreseen in the immediate future, can most economically be provided by rented office space.
2. Our members do not seem at all impressed by either the "prestige value" of the proposed building, or by the somewhat intangible "extended services" which, it is suggested, could be provided due to the existence of such a building.
3. Out of town members and a large number of city members would receive little, if any, benefit from facilities provided by the proposed building, which contains no provision of a possible source of revenue to reduce the upkeep.
4. Council does not favor any building proposal until the association membership has increased to an undefined level.

However, it is known that there are many members interested in the establishment of permanent quarters, but not in the form of the recent proposals. They point out that the original scheme for the purchase of the Roslyn Road property, had it been worked up as a more complete and detailed proposal, could have been shown to have an excellent chance of becoming completely self-sustaining by the combination of business, catering and accommodation facilities.

They suggest that the general membership would be much more enthusiastic towards a similar proposal at this time. The argument presented that the Roslyn Road type of proposal was good investment and stepping stone to a future new building still applies.

Since the Association appears to be unable to fully finance permanent quarters, further

investigation seems indicated into acquiring an existing building, suitable for the necessary revenue-producing facilities.

To those who have expressed interest in this matter it is suggested that they make this interest known at the forthcoming Annual General Meeting, or, if their interest is strong enough, a special meeting can be called on receipt by Council of a request signed by at least six members of the Association.

As pointed out elsewhere in this Bulletin, our members have had few constructive comments to offer at recent meetings. It is impossible for Council to take action on members' wishes if these are not expressed.

—I.W.T.

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Vice-President Chant is shown presenting the Sullivan Cup to winner Don Simpson.

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WHEN VOTING FOR MEMBERS OF COUNCIL MARK YOUR BALLOTS 1, 2, 3, 4, 5

DO NOT USE AN X OR YOU WILL LOSE YOUR VOTE

Council Commentary

MOTIONS AND NOTIONS

Your editors feel that many Association members are often unaware of the activities of their Council. They have therefore decided that a Bulletin reporter will attend all Council meetings. Watch for this resume of Council's work in each issue under "Council Commentary".

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Monday, November 21, Council was faced with a heavy agenda. Eight members were present, with Mr. Wardrop in the chair. Council discussed first the recommendations of the Public Relations Committee that a bi-monthly meeting of all committee chairmen should be held to improve communications between committees. Council members felt that the idea was excellent but would prove unwieldy in practice. A motion was passed calling for a meeting of all committee chairmen after each annual meeting, so that the objectives of each committee would be clearly understood by the others. The President agreed to attend this meeting. PR Committee had also recommended that an Awards Committee be appointed to select persons of outstanding achievements for an award such as a bronze plaque. It was eventually decided that a committee of the last six available Past Presidents would be asked to establish terms of reference for such a committee.

Four items concerning the Canadian Council of Professional Engineers were discussed at length. First, a telegram from C.C.P.E. requesting all Associations to protest to the Minister of National Defence against the omission of Engineers from the recent pay adjustments for doctors and dentists in the Armed Forces was read. Council decided to reply that it was making representations to local M.P.'s. Council then passed motions expressing its support of the C.C.P.E.'s endorsement, of a standard form of agreement between owner and contractor, and of the scheme of Group Liability Insurance against failures, errors, etc., drawn up by the Continental Casualty Co. Council also sanctioned C.C.P.E. to present a submission to Customs asking for a revision of Tariffs to make imported Engineering Plans dutiable.

The examining policy of the Association was then discussed. Members felt it advisable to set a time limit within which all candidates must complete their qualifications. A motion was passed sending a Memorandum to the Board of Examiners asking them to examine the policy and recommend revisions, especially in the matter of time limits. The routing of applications from scholastically unqualified persons was altered. These applications will now be routed directly to the Board of Examiners at the registrar's discretion, instead of first appearing before Council.

SCHOLARSHIPS

The Scholarships Committee recommended two scholarships one of \$300 in First Year, and one of \$200 in Second Year. One or two Council members thought the increase was considerable (present two scholarships are \$100 each), especially in view of the increased number of scholarships now available at the University. These members were in favour of a provisional increase to perhaps \$150 or \$200 each. Other Council members felt that the fee increase approval of last year gave Council a mandate to increase Scholarships. The Committee had in mind originally Scholarships of a smaller amount than those recommended, but had been persuaded by the Dean of Engineering of the need for larger amounts. The original recommendation was then passed without amendment.

Council then approved the Advisory Committee's opinion that the building age and condition of the Press Club, 300 Main Street, now on the market, made it unsuitable for Association quarters, and agreed to take no further action on this property.

ANNUAL MEETING COMMITTEE RECOMMENDATIONS

Council had time only to listen briefly to these recommendations, and approved of them without motion. This year's Council ballot, it was reported, would be reduced to post-card size, and all additional information about candidates would be contained in an additional sheet. The use of preferential balloting was advocated, and assistance from the City Clerk was being sought in setting up this method.

Items on the Agenda on the Golf Deficit and a Telephone Answering Service were shelved. Council then adjourned after a meeting of two and a half hours.

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At another recent meeting 22 applications for membership were considered, together with 9 applications for transfer from other Canadian Associations. Ten were granted membership and 10 were referred to the Examination Board.

Up to November 1st, this year, there have been 129 applications, resulting in 90 members.

It had been suggested to council by the Public Relations Committee that small six-inch slide rules be presented by council to deserving engineering students. Council handed the matter back to the committee with the suggestion that they investigate the possibility of making the award to deserving high school students rather than engineering students. Council's feeling was that the program would be costly and difficult to administer.

Another suggestion from the Public Relations Committee was that Chairmen of all committees be invited to attend council meetings to give the Chairmen a better understanding of developments in the Association. Council agreed with this suggestion.

A grant of \$50.00 was made to the University of Manitoba Engineering Society as a contribution to the forthcoming edition of the *Slide Rule*.

A committee consisting of President, Vice-President and Registrar was set up to make arrangements for the Annual General Meeting in January, 1961. This committee will also be asked to consider streamlining the method now used in electing new council members. It has been suggested that the Association adopt the numbered preferential balloting system, instead of the present system. Also it is hoped to modify the size of the ballot.

Council named a nominating committee consisting of Dr. C. S. Landon, O. Morantz, T. E. Weber, J. S. Roper, R. C. Sommerville and G. Flavell.

—J.C.G.-R.C.S.

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Application for Registration

Over the past few years, Council has received a large number of applications for registration from individuals with considerably inadequate qualifications. These people must have had little or no idea of the requirements for registration, and it is obvious that if the members sponsoring the application had explained these requirements, no application would have been made.

It is therefore suggested that members, before signing an applicant's form make sure that he knows what the Association will require of him. This will save the applicant a disappointment and lighten Council's agenda.

Briefly, under the Engineering Profession Act a person is entitled to be registered if he:

1. is a graduate in engineering of an institution recognized by Council and has such experience as is satisfactory to Council. (The list of universities, colleges approved by Council is available in Association office).
2. has had at least six years actual experience in engineering work of a nature satisfactory to Council, and submits to examination or produces credentials in lieu thereof, whichever Council decides.

It may be mentioned here that Council has the authority to decide what shall constitute "credentials in lieu of examinations". For example, if they were in receipt of an application from a non-graduate, say with 30 years experience in engineering practice, and occupying a senior engineering position, they may, at their discretion, accept his record as "credentials in lieu of examination". However, a non-graduate must normally expect that he will be required to take all or part of the examinations set by the Board of Examiners. If he has no credits in any subjects from accredited schools, he will have to take all the intermediate and all the final exams. If he has credits, then these will exempt him from the equivalent number of subject examinations.

The Examining Policy for Admission to the Association for Applicants who do not possess the required academic standing from approved Engineering Schools and Colleges is as follows:

1. Examinations required will be those listed in the syllabus of examinations approved by the Association.
2. Candidates will be required to write intermediate examinations in all intermediate subjects listed in the syllabus for which they cannot establish credit.
3. As a prerequisite to final examinations credit must have been obtained in all the intermediate subjects listed in the syllabus.
4. Candidates shall be required to write all final examinations as provided in the syllabus of examinations unless they can establish credit on a subject per subject basis from an accredited institution.
5. Examinations shall normally be held in April and December. Candidates shall give notice of intention to write examinations before March 1 or November 1.
6. There is a fee of \$20.00 for each examination written.
7. Any examination failure (intermediate or final) must be cleared at no later date than the second succeeding examination period after first writing, the candidate having thereby the privilege of two supplementals.

It may be noted that since 1956, 90 applicants for registration have been rejected. Of this number, only six made any attempt to qualify by examination. None of these have completed either the intermediate or the final examinations. Two of the candidates, who because of established credits were exempted from the intermediates, are now progressing through the finals. One of these could be finished within a year, and if so, will become the first member registered by examination in 5 years, which is the extent of the period of time for which records are available.

—I.W.T.

Letters to the Editor

ARE WE STUPID, OR WHAT?

Dear Sir:

I thought Mr. Isberg and Mr. Armstrong might be using a little poetic licence in their accounts of the manner in which members filled out their roster cards. At the special meeting of October 25th I changed my mind. All those who attended the meeting were asked to sign the register. The first 35 lines were numbered and after that presumably members were to continue with the next consecutive number and sign their names. When I reached the roster I found that after number 39, someone had written 35. From there we went to 41. The 49th person who signed is obviously a non-conformist. He turned the whole book upside down, wrote both number 49 and his name upside down. All progressed well up to number 57, which was followed by number 60. Now we know we can't read, write, spell or count and worst of all, we don't even know which way is up.

—WOE ISSUS

An Open Letter to the Engineers' Wives

Dear Ladies:

At the last special meeting held in Winnipeg, a motion to allow our Council to expend an amount up to \$60,000 for the purchase of property and buildings, to be used by the Association as offices and social quarters, was unanimously defeated. Without a doubt the greatest single factor which caused this defeat was the almighty dollar. After all, where would 1100 professional engineers, whose total gross annual income exceeds \$6,600,000 ever raise enough money to even pay the \$3,600 annual interest on such a sum let alone any extra to pay the other annual charges? (Of course, knowing the calibre and capacity of my professional colleagues, I am positive that if the quarters were to contain a small bar with drinks at reasonable prices, that the profit would be sufficient to support a building about the size of the Empire State Building. However, such an idea is not really worthy of any man having pride in this Association... is it?

So now Ladies, I come to the real purpose of this letter. I understand that your own organization's finances are in excellent shape. Now this does not surprise me in the least because I am sure that if you can pry enough money from your husbands to live on that you can also raise money for any project that you put your minds to. Therefore, why not set your minds on an Association building?

Think carefully of all the advantages that a building would give YOU; and I mean a building not just for offices but one including space for social activities and also that small bar. You could hold your own meetings there — complete with afternoon tea. You

could mingle there in the evening with other engineers' wives — with or without your husbands. If you come from out of town you could have a central location where you could gather and immediately feel at home. You could locate your truant husband without having to phone every bar in town. There is really no end to the list of things you could do if you had a building in which to do them. So why not do something about them. Bring the matter up at your next meeting. Discuss the idea with your associates. Pry your husband away from that T.V. set and get him working on it. I am sure that once you get started the Association will have a magnificent building in no time at all, even if the members have to build it with their own hands. Yours sincerely,
A Thankful Bachelor, P. Eng.

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Public Relations Committee

By W. N. ISBERG, P. Eng.

Most people will agree that the internal revolution that has broken out into public sults of the controversy could well effect diers of the Province of Ontario is having a very poor effect on the public relations of that Organization. It is probably having an adverse effect on the public impression of the whole of the Engineering Profession. Honest and constructive criticism, and frank discussion is a good thing when it is carried out within an organization. When it is conducted in public, however, it has the effect of presenting a distorted and often unjustified picture to the man on the street.

The issues involved in the dispute in Ontario are both serious and basic, and the results of the controversy could well affect direction that professional organizations will take throughout the whole of Canada. Regardless of the seriousness of the issues however, it is to be regretted that the individuals concerned did not present their arguments and conduct their discussion within the democratic framework as provided in the Association by-laws.

One possible beneficial aspect of the dispute is the discussion that it is generating within the profession. It is difficult to imagine how a person could be apathetic with discussion of this type boiling around him.

Speaking of discussion, we have been having quite a bit of discussion recently within the Public Relations Committee concerning our High School "career guidance program". Last year we sponsored a total of ten of these talks. In the Winnipeg area lectures were given in Elmwood High, St. James Collegiate, Provencher College, Silver Heights High, Charleswood Collegiate, Churchill High, St. Paul's College and Glenlawn Collegiate. Talks were also given in Selkirk and Neepawa and arrangements were made to have people available and schools notified in Flin Flon, Pine Falls, Dauphin, Morden, Brandon and Carman. Ben Fast heads up the sub-committee that promoted the career guidance talks and Ian Fraser, Jack McFetridge, Ernie Scott, Cam

Warrender, John Lewis, Greg Fabro, Bill Corbett, Bill Taylor, Ken Trueman, Chris Goodman and Bill Adams were some of the people who actually gave the talks.

Ben is very enthusiastic about the program that he is organizing for 1961-62 and is looking for additional volunteers to give talks during the coming season. A good supply of our new guidance booklet entitled *The Engineering Profession* together with a suggested text provided to each prospective speaker so that no one need feel unprepared. We would especially like to hear from people in towns outside of the Winnipeg area who would like to aid in this program since we will be attempting to promote the talks in all Manitoba High Schools this year. Please address any letters or correspondence in this connection to Ben Fast, P. Eng., in care of the Association Office.

By the way, believe it or not, the second edition of the membership roster is now being printed and will be available soon.

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FLIN FLON NEWS

By M. N. COLLISON, P. Eng.

Since the last report from here to the Manitoba Professional Engineers, we have two new members of the Association.

The first of these is Mr. Stanley Liss, who is the chief draftsman for the Hudson Bay Mining and Smelting Co., Limited. Stan is married, has five children, and received his B.Sc. in mechanical engineering in 1947 at the University of Saskatchewan. He started with the Hudson Bay Mining and Smelting Company upon graduation as a draftsman. He is a past president of the Flin Flon Community Club and, also, of the Flin Flon Kinsmen Club and, while associated with the Community Club, supervised the erection of the new Community Hall in 1958 and, this past summer, kept himself well occupied superintending the construction of the new hockey arena which was opened on October 15th.

The second new member is Frank Gira. He is a graduate of the University of Manitoba, with a B.Sc. in mechanical engineering, and is now employed as a draftsman with the Hudson Bay Mining and Smelting Co., Limited. Frank is a member of the local army militia, and likes to curl and bowl.

W. A. Morrice, P. Eng., spent a week in Quebec City recently representing our company at the Mines Ministers' Conference.

Yours truly had a very pleasant drive through the Ottawa and St. Lawrence River Valleys last July, ending up in New York City and Washington, D.C., visiting a few relatives.

Eric Austin, P. Eng., general manager of the Hudson Bay Mining and Smelting Co., Limited, spent the month of August covering nearly the same territory, in that he was through the Thousand Island area of the St. Lawrence Valley, the Adirondacks Mountains, White Mountains of New Hampshire, Cape Cod and New York City.

Annual General Meeting

Saturday, January 21st, 1961

Marlborough Hotel

Registration commences at 9.30 a.m.

The meeting opens at 10.00 a.m.

Reception 12.00 noon

Luncheon 12.30

Afternoon Session 2.00 p.m.