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President - C. R. McBain, P. Eng.

Vice-President - G. A. De Pauw, P. Eng.

Managing Director and Registrar - T. W. Algeo, P. Eng.

Council - S. Barkwell, C. R. Bouskill, N. P. Feschuk, D. R. Grimes, J. S. Hicks,
A. M. Lansdown, M. D. McKall, R. E. Scouten.

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Associate Editor - J. W. J. Lewis, P. Eng.

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WINNIPEG, MANITOBA, NOVEMBER, 1973

President's Message

By C. R. McBAIN, P. Eng.

With this "President's Message" written for the Annual Meeting edition of the Bulletin, I have my last opportunity as President of A.P.E.M. to address a few words to the membership. It is traditional to review the year that is concluding and I intend to do that, just as it is traditional to note some of the opportunities and concerns that will have to be dealt with in the future and I intend to do that also.

I believe that the year just ending has been a good, active and worthwhile year for A.P.E.M. I hope this statement does not sound presumptuous - it is not intended to - but it does seem to me that interest and participation by our members in the Association this past year has been at a very high level.

The Public Relations Committee has been active, and the work of the Association and its members has been drawn to the public's attention to a greater degree than has been the case in the past. I be-

lieve this to have been most worthwhile, and I have received many favourable comments from individual members on this increased activity. This is an area that I recommend for continuing activity and attention by our new council.

The work being done by the Practice and Ethics Committee, together with the regular and continuing efforts of the Managing Director, in enforcing our Act, have produced most evident results. Registrations are increasing, more people are applying for registration, and more and more companies are insisting that employees in engineering jobs be registered. Of course, this is no more than the law requires but it is encouraging to see how many more people and companies are aware of the law and are eager to comply with it. More of our members are now consulting with the Practice and Ethics Committee and asking for advice in specific situations, all of this showing a healthy awareness of our responsibilities. These con-

tinuing efforts are most worthwhile and I have no doubt that succeeding councils will encourage them.

This year has seen the initiation of regular meetings between council and staff members on the one hand and University Engineering Faculty staff members on the other. Coinciding with these meetings has been increasing contact between practising A.P.E.M. members and engineering student undergraduates. To ensure the continuing growth and success of our profession, it is absolutely essential that co-operation and harmony exist between the practising and teaching members of A.P.E.M. and that these groups, in turn, successfully instruct the undergraduates not only in the academic but also in the professional aspects of their careers. I heartily endorse the increased contact between these groups and strongly recommend to future councils that it be continued and expanded. Incidentally, in this regard, I have been asked to serve on the selection committee for a new Dean of Engineering (Dean Hoogstraten is to retire next spring) and on behalf of the A.P.E.M. I have agreed to serve.

For the past several years, and certainly this year, a very large amount of the time of council has been taken up with the question of employee engineers and their working relationship with their employer. In short, labour relations. Council has recently endorsed in principle a recommendation of The Legislative Committee that council support the formation of a province-wide organization for the purpose of improving relations between groups of engineers and their employers. This matter has been referred to the Legislative and Employee Engineers Committees for further study and will be coming forward to council shortly. This is an area which succeeding councils will be required to spend much time on, and will be required to offer their leadership to the profession.

Our other committees have also worked diligently this year. I hope they will excuse me for not mentioning them all by name, but you will be able to tell from their reports that they have indeed been busy.

In an earlier President's Message I remarked on our good financial position. This healthy condition will allow for the continuation of the high level of Associa-

tion activity into next year and is indeed a very desirable situation.

Your council this year has been a most stimulating and hard working group. Attendance at meetings has been excellent and all members have participated fully in council activities. It is difficult and possibly unfair to single out individuals for special mention but I feel that I should mention the following:

Dr. A. M. Lansdown has found it necessary to resign half way through his term due to increased pressure of work at university. Dr. Lansdown has been a valued member of council and we accepted his resignation with regret.

Vice-President George DePauw has been a hard working member of council and has been of very considerable assistance to me as he has represented the president on several occasions when I was not able to be present.

This is the last year on council for Past President Stewart Barkwell. He has been a tower of strength on this council and we have benefited greatly from both his experience and his common sense. I particularly have benefited from his help and I am pleased to be able to record my gratitude to him.

The permanent staff of A.P.E.M., under the direction of Managing Director Terry Algeo, have performed in their usual capable fashion. We were pleased to add Guy Arnott to the staff as Assistant Registrar and Director of Career Development. This was a major move on the part of the A.P.E.M. and has allowed us to substantially increase the number of services we are able to offer to the membership. We record with appreciation the continuing fine work and loyal service that we receive from Mrs. Dunklee and the equally fine work of Miss Maggie Brownie and Mrs. Monica Todd. The role of the Managing Director is a key one in our Association and T. W. Algeo has competently and carefully filled this position. Terry has been of great assistance to me, for which I offer my grateful thanks.

Lastly, may I offer you my thanks for the honour of allowing me to serve as your president this past year. It has been a privilege to do so, and a wonderful and rewarding experience for me.

Managing Director's Report

For the past several years, Council and the Executive Committee of Council have considered requests and reports all pointing out the need for extended service to members and more thorough surveillance in the enforcement of the Engineering Profession Act. In response to this demand it was decided that an additional P. Eng. should be added to the Association staff and on May 1, 1973, Guy, R. Arnott, P. Eng. was engaged as Assistant Registrar and Director of Career Development. Duties of the Assistant Registrar include: Co-ordination and execution of the programs of the Employee Engineers Committee, enforcement of the Engineering Profession Act, promotion, co-ordination and execution of programs of other committees including Public Relations, Practice and Ethics, University Liaison, Membership, and Career Guidance and Counselling. In addition to his Assistant Registrar's function, Mr. Arnott is involved with all pre-registration programs which will be outlined in this report.

Many firms have been visited lately to promote an understanding of the Engineering Profession Act and of engineering abilities. These routine calls are successful to some degree but have led the staff to certain conclusions such as: A minority of engineers do not take their profession seriously and indicate little knowledge or interest in the Act and By-laws; many do not object to non registered individuals using engineering titles; many realize that in their own company, the requirements of the Engineering Profession Act are not adhered to but choose to accept the status quo. A positive attitude on the part of all members would help to create a vigorous Association.

Registration figures this past year indicate that progress is being made, but it appears that the best place to start when considering attitude is at the beginning; — with the undergraduates and the Engineers-in-Training.

Under the direction of Council and with the co-operation of the Faculty of Engineering at the University of Manitoba, the following activities have been intensified or initiated; Counselling of students

at the high school level; counselling service for undergraduate students at the University of Manitoba, involving meetings and tours; lectures to the Engineering students by practising engineers and staff covering industrial practice, actual engineering projects, engineering law, ethics and the Engineering Profession Act.

The Association has an active University Liaison Committee to provide a formal and positive relationship between practising engineers and the staff of the Engineering Faculty of the University of Manitoba. There is a practising engineer on the curriculum committees of the Agricultural, Civil, Electrical and Mechanical Departments in addition to representation on the First Year curriculum committee. Close contact is being initiated with the U.M.E.S. and an information service is being provided. Several joint policy meetings have been held at which senior members of the University of Manitoba Faculty of Engineering and representatives of the A.P.E.M. Council, appropriate committees, and staff have been in attendance.

Effective November 1, 1973, all applicants for enrollment as Engineer-in-Training will be required to pass a comprehensive open book examination on Professional Practice using the Association Act, By-laws and Code of Ethics as the text. This procedure is to be extended to all categories of new applicants for registration as soon as practical. If the foregoing activities are reasonably effective, we may anticipate an enlightened membership resulting in a more dynamic organization.

We have recorded a net membership increase of 84 from November, 1972 to October, 1973 compared with the 31 of last year and our 17 year average of 74. We actually registered 191 members including registration, transfers and reinstatements but lost 107 through transfers out, resignations and write-offs. Thus the investigation, follow up and processing for 298 members was involved.

Forty-seven licences were issued from November, 1972 to October, 1973 compared to 25 for the same period last year. E.I.T. enrollment has increased from 111 to 122.

Council considered 172 agenda items during the year at 12 regular meetings and at two special evening meetings. As a result of a formal complaint, Council has met as Administrative Tribunal at four all-day sessions. The concept of the formation of a separate members services and self interest Engineering organization is one of the most controversial items presently being considered by Council. When a final decision is reached after receipt of feasibility studies presently being conducted by a joint Legislation-Employee Engineers Committee, the results will be of significant consequence to our Profession.

Considering the enforcement of the Engineering Profession Act, the addition of the Assistant Registrar has permitted the staff to take the offensive in this area and to seek out and investigate apparent contraventions. There has been 16 such investigations since July, 1973 initiated by employment ads, phone book listings, misleading advertising, company names, job site and building signs, and business cards. Since September, 1973, eleven of the larger firms or organizations employing engineers have been visited to consider topics not noted above. Disciplinary problems or interpretations involving members are dealt with by the Practice and Ethics Committee, and by Council if the matter is considered serious enough for the Committee to lay a formal complaint.

Our financial position appears stronger than it has in past years and I trust that this will be confirmed by the final Auditors' Report which will be considered at the Annual General Meeting where members will also have the opportunity to review the 1974 draft budget.

Our Association continues to play an active role as a constituent member of The Canadian Council of Professional Engineers. Stewart Barkwell has been the Manitoba delegate over the last year and as Chairman of the C.C.P.E. Affairs Committee has greatly improved our contribution to C.C.P.E. activities. Effective November 1, 1973, Clyde McBain will become director for the Manitoba Association. Note also that one of our eminent past presidents, Russ Hood, is currently the C.C.P.E. President. C.C.P.E. derives its revenue from an assessment based on the number of members in each Association or Corporation. 1973 cost to the A.P.E.M. was \$4,445.00 as part of the total C.C.P.E. revenue of \$157,869.00 from 69,096 members and Engineers-in-Train-

ing. The major role of C.C.P.E. is to:

- a) establish and maintain a bond between the provincial and territorial associations and corporation of professional engineers in Canada and to assist them in:
 - i) co-ordinating and standardizing their activities;
 - ii) promoting and maintaining high standards in the engineering profession;
 - iii) promoting the professional social and economic welfare of the members of the engineering profession;
 - iv) promoting a knowledge and appreciation of engineering and of the engineering profession and enhancing the usefulness of the profession to the public;
 - v) promoting the advancement of engineering and related education;
 - vi) generally carrying out their various objects and functions;
- b) to act on behalf of and to present the views of its constituent associations and organizations in matters that are *national* or *international* in scope;
- c) to act in respect of other matters of a Canada-wide nature concerning the engineering profession either alone or together with other bodies.

It is my opinion that over 60,000 engineers should continue to be represented by a strong national organization which can speak for the profession and will exert a positive influence on the affairs of the nation. Members wishing more information regarding the involvement of C.C.P.E. are invited to contact the writer or a member of the C.C.P.E. Affairs Committee.

Major activities of the Association have been aptly covered in this issue by Mr. McBain and our committee chairmen, and it remains only for me to express appreciation for the co-operation and the work accomplished by Council and its Committees and to extend thanks to Mrs. Loreen Dunklee, Mrs. Monica Todd, Miss Margaret Brownie and Guy Arnott, members of our staff.

Respectfully submitted,

T. W. ALGEO, P. Eng.

Managing Director & Registrar

EMPLOYEE - ENGINEERS COMMITTEE

During the past year (October 1, 1972 to September 30, 1973) twelve committee meetings were held.

The committee, together with Messrs. T. W. Algeo, and G. Arnott, engaged in considerable activity in attempting to clarify the implications of the new Labour Relations Act for Manitoba. Our findings and conclusions were reported to Council, and distributed, in part, to the general membership.

The Committee saw Council approve the concept of A.P.E.M. support to voluntary professional engineering bargaining groups in response to committee recommendations. Also, Council approved a plan of action in the area of an enlarged program of services to individuals and to voluntary groups. This plan had been submitted earlier by the E.E.C.

As a part of the above, the E.E.C. set up sub-committees to work in the areas of (1) member services, (2) salary studies, and (3) voluntary groups. The Voluntary Group Sub-Committee has been recently reorganized so that it now consists of official representatives from existing engineering voluntary groups (at present these are from the Manitoba Hydro Professional Engineers Voluntary Bargaining Group and the Society of Engineers of the Manitoba Telephone System), and representatives from those employment groups where group bargaining is under some form of consideration. This sub-committee will provide a liaison function among the groups and with the A.P.E.M. and will undertake studies as its members shall determine.

Committee members during the year were, J. P. Stefanson, Chairman; F. G. Denson, Secretary; N. Fedorchuk; A. D. Gould; R. C. Mills; R. A. VanCauwenbergne; T. Pataky; T. N. Kvist; R. Coley. Over the summer we lost the valuable assistance of Tibor Pataky, who resigned due to change of employment and transfer to Calgary, and of Ron Coley who resigned due to pressure of other commitments. A new recruit M. G. Britton, will join the committee in October.

The Committee members would, at this time like to express their appreciation for

the valuable co-operation and assistance received from all of the A.P.E.M. staff.

Respectfully submitted,

JON P. STEFANSON, P. Eng.,
Chairman

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PUBLIC RELATIONS COMMITTEE

Public Relations for the Association for the year 1973, operated under a set of guidelines established by a Consultant who presented a report to the Committee late in 1972. The report suggested that the Public Relations Committee proceed with a definite and expanded program on four fronts, namely:

- Development of a Speakers' Group which would increase the degree of understanding and appreciation of the role of the Professional Engineer in modern society.
- Development of a Display Group, whose objective would be to draw on resources of members in designing and constructing a portable display unit, which would be directed towards achieving an increased degree of public understanding for the Association of Professional Engineers in Manitoba.
- A Political Action Group, which would endeavour to make each political party aware of, and sympathetic towards, the views of the Association on matters affecting the profession.
- The establishment of a News Media Liaison Group, with an objective to establish liaison and understanding with press, radio and TV in the Province, regarding the activities and objectives of the Association.

The Committee reviewed the report and decided to recommend and seek Council's support to proceed with the recommendations of the Consultants Report, as presented, except for the section involving the Political Action Group which was discarded. The Committee received support of Council and has attempted to advance the program on the basis of these guidelines over the past year.

The first press conference was held on

January 19th in the Association Office and was attended by several members of the press and radio group in Winnipeg. At this press conference Association President, Mr. C. R. McBain, was interviewed and was given the opportunity to outline some of the details of the Association activities and aims of the Association. Coverage was received from the City newspapers, plus local radio stations.

After Mr. Hood returned from the Annual Meeting of the Canadian Council of Professional Engineers, at which he was elected President, the Committee held another press conference. This was reasonably well attended by members of the local news media and Mr. Hood was allowed to expand his thoughts on the position of the Professional Engineer in today's society and also the functions of the various associations across Canada.

Members of the Committee met with the City Editors of both newspapers during the year to get their reactions and recommendations on improving the public relations approach of the Association.

The Speakers Group was set up as a sub-committee, under Bob Foster. Contacts have been made with local service clubs offering to supply a speaker from within the membership of the Association. We have been unable to complete arrangements with any group for a speaker, because in many cases these service clubs have an abundance of people wishing to speak to these influential groups. The Committee felt that it was important to start this phase of the program with a top flight speaker, speaking on a topic which would be of general interest to a wide range of people. A poor start could do more to destroy our image than the complete silence which has prevailed in the past.

The Committee to organize a display group, was organized under Boris Hryhorczuk. To date this group has been gathering a group of high quality photographs depicting engineering projects and activities which are to be mounted in a special set of frames that can be displayed at various locations throughout the Province.

The Public Relations Committee has held several meetings over the year at which members have discussed and debated the relative merits of public relations, as they apply to the profession. The heading of the article which appeared in the paper after our first press conference was "Engineers Break 50 Year Silence".

Some of the members of the Committee feel that while the engineer may not be held in as glamorous a position as the Doctor or Lawyer in the eyes of the public, that we are recognized by many people as a profession that contributes an important part to the development of society. Many facets of the work carried on by members of the profession are based on logic and common sense and are therefore readily accepted by the public.

The Committee has concluded that it will be necessary for the Public Relations Committee to use specialized areas within the profession, such as, bio-medico engineering, if we are to get anything more than a passing interest from the public.

The following members of the Association have served on the committee for the year, Bill Finnbogason, Don Craik, Bill Mann, Bob Foster, Bill Newton, and Boris Hryhorczuk. I would like to thank these members for their help and support throughout the year. The work and support of members of the Association's permanent staff has been greatly appreciated. Guy Arnett has been especially helpful and has supplied the committee with the necessary prodding required to keep the committee activities moving.

Respectfully submitted,

H. B. McLENAGHAN, P. Eng.,
Chairman

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PRACTICE AND ETHICS COMMITTEE

The members of this Committee for the year 1973 were as follows: L. A. Buhr, D. A. J. Ennis, F. M. Fowler, K. A. Hand (resigned June 1973), C. R. McIntyre, G. A. Morris, F. Penner, W. H. Finnbogason, Vice-Chairman, and T. E. Weber, Chairman.

During the year, the Committee held eight meetings to consider matters which were referred to it. Six cases were considered and completed; two are still under consideration.

The Committee as it has in previous reports to the membership, stresses that it is available to consult with members regarding questions of proper professional con-

duct. The release of incomplete, poorly drawn plans should be avoided by engineers and all calculations should reflect the requirements of the building codes applicable in the jurisdiction in which the project or structure is located.

The Committee wishes to express its appreciation to the staff members for their contribution toward the activities of the Committee.

Respectfully submitted,

T. E. Weber, P. Eng.

Chairman

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BRANDON AREA COMMITTEE

Following is a summary of the activities of the Brandon area committee during the last year.

The Brandon area committee organized two dinner meetings as follows:

Fall Meeting: Speaker C. J. Goodwin, P. Eng., Director of System Planning, Manitoba Hydro.

Spring Meeting: Speaker C. R. McBain, P. Eng., President of A.P.E.M.

In addition we participated in careers day activities at high schools in Brandon and Shilo, Manitoba.

We are planning similar activities for the coming year. The makeup of the Brandon area committee for the coming year will be forwarded shortly.

Respectfully submitted,

P. R. WARKETIN, P. Eng.,

Chairman

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CONSULTING ENGINEERS COMMITTEE

Following completion of the Schedule of Fees in 1972, the Committee concentrated on revisions to the Standard Form of Agreement Between Client and Pro-

fessional Engineer in Practice. The changes included a section on the ownership of engineering documents as recommended by the Association's solicitor, and general revisions. A Sub-committee was formed to review both the Schedule of Fees and Form of Agreement to ensure that no conflict exists between the two documents. It is expected that the revised Form of Agreement will be submitted to Council for ratification before the end of the year.

The Committee also participated in the following work:

- Definition of Turnkey Projects and a review of the engineering requirements for major projects; prepared at the request of the Commission of Enquiry for the Enquiry Into The Pas Forestry and Industrial Complex.
- Publication of information regarding delamination of certain structural beams of laminated timber construction.
- Correspondence with the City of Winnipeg and the Province of Manitoba with respect to the use of seals by Professional Engineers.
- Review of Standards For the Handicapped per Supplement No. 5 of the National Building Code; at the request of the Province of Manitoba, Department of Labour.
- Other miscellaneous assignments.

Respectfully submitted,

J. P. SINCLAIR, P. Eng.

Chairman

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BOARD OF EXAMINERS

Serving on the Board during the 1973 term were: K. M. Adam, D. T. Anderson, J.B. Campbell, J. Karras, G. E. Laliberte, G. A. Morris, M. P. Musick, M. Z. Tarnawecky, A. B. Thornton-Trump, J. Tinkler, W. J. Tishinski, J. Shewchuk, J. D. Wiebe.

The Board convened for four meetings during the 1973 year to consider thirty-seven applications for assessment of academic credentials. In the previous years, 1972 and 1971 the Board reviewed sixteen and forty-six assessments respectively. Eleven of the applicants were judged academically qualified and recommended for

registration. Ten applicants were assessed three or fewer examinations to confirm their academic competence. Eleven applicants, of whom two were assessed the complete academic syllabus, were required to write four or more examinations. The remaining five applicants had not provided sufficient documentation for a thorough evaluation and were referred for review in the new term.

During the year, four individuals who had been assessed in previous years, completed either their prescribed examination program or thesis in fulfillment of their academic requirement and were recommended for registration.

In the 1973 April examination period, six candidates sat for nine papers. Eight papers received a passing grade and one a failing grade.

On policy matters, the Board had made recommendations on the recognition of the B.Sc. (Honours) Geology Degree from the University of Manitoba. It has completed a review of the University of North Dakota, in Grand Forks and the North Dakota State University in Fargo and will be forwarding recommendations to Council in the new year.

The Board gratefully acknowledges the able assistance given it during the year by our Registrar, T. W. Algeo for his untiring participation in and preparation for Board Meetings; Mrs. M. L. Dunklee, Miss M. Brownie and Mrs. M. Todd for their relentless pursuit of details and documents of applicants and University of Manitoba Faculty Members for reading and grading theses.

I extend my personal thanks and appreciation to those aforementioned and to the dedicated members of the Board for their labour and endless patience in dealing with their tasks.

Respectfully submitted,
M. P. MUSICK, P.Eng.
Chairman

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NOMINATION COMMITTEE

Your Committee drafted a slate of 6 Candidates for Council for 1974/75, generally in accordance with the following terms of reference:

1. It shall be the duty of the Nominating Committee to submit a written report to the Registrar of the Association, not later than April 1 next after its elections, a list of one suitable nominee as candidate for each vacancy to be filled on Council. Each nominee shall signify in writing to the Nominating Committee his consent to nomination.
2. The Nominating Committee shall require each candidate to submit a short history not in excess of 100 words, of his professional experience and activity.
3. The Secretary shall submit this list to Members by June 30.
4. Should a Nominating Committee member be nominated for Council he shall forthwith resign from the Committee and such vacancy shall be filled by Council.
5. As far as is practicable, the Nominating Committee shall submit the names of such nominees as will maintain on Council:
 - (a) Area representation
 - (b) Occupational representation, and
 - (c) Branch-of-engineering representation

It was our opinion that it is not only the duty of the Committee to select a slate that will only fill all the vacancies (and no more) but to give the membership a legitimate choice. We therefore submitted two names more than the number of vacancies we anticipated would have to be filled. In the past, it was found that there were enough freethinking Engineers around who would not accept a "railroad job" and several groups exercised their prerogative and submitted several additional nominations. It will be interesting to find out whether the Nominating Committee's action will have obviated the proliferation of nominees of past years (e.g. 19 candidates for 5 positions).

We had received suggestions to revise past balloting procedure and we recommended to Council that the ballot be accompanied only with the "history of each candidate in accordance with the wording of By-law 3 and not embellished". Council decided however to let the procedure follow past practice as you will have noted by now.

As the result of another suggestion from

a member of APEM, we considered the following resolution:

"With the mailing in which candidates are announced, that a notice of a meeting be circulated to all members, at which meeting all nominated candidates would be expected to be present to answer questions."

The resolution was defeated in Committee and hence was not recommended to Council. However, some members have decided to exercise their democratic privilege and petition Council to call a meeting to discuss "Nomination and Election Methods." This was approved and held on October 18, 1973, to the satisfaction of many, I hope.

The matter of area representation is as difficult to resolve as is discipline representation for a small Association our size. I trust you were pleased to hear that Council has designated several Councillors to make contact with specific outlying areas and thus provide a closer, more effective means of communication with the Association Council.

STEWART BARKWELL, P. Eng.,
Chairman

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CCPE AFFAIRS COMMITTEE

During the last 2 years Council decided to relieve the load on the APEM president to appoint the past president, Director of CCPE for Manitoba and also make him Chairman of this Committee to act in an advisory capacity on Canadian Council of Professional Engineers affairs.

The success of this procedure may be realized by a review of the number of recommendations made to Council in the last year:

1. To co-operate with EIC and other Engineering groups in the support of the U.P.A.D.I. - 1974 Convention (Pan American Union of Engineering Societies) in Toronto 6/12 Oct. 74.
2. To approve in principle the concept of universal portability of Pension Plans for Engineers being instituted by the Professional Engineers of Quebec and supported by CCPE and other associations.

3. To institute a training program in Professionalism for Engineers-in-training and others seeking membership in APEM.
4. To request CCPE to produce a clearer definition of Engineering and a mutually acceptable interface between Engineers, Technicians and Technologists.
5. To support the concept of greater representation of practising engineers on the visiting teams of the Canadian Accreditation Board for the review of the curriculum, adequacy of facilities and competence of staff of Engineering schools in each province.
6. Co-operate and encourage numerous other projects and ideas instigated here and throughout Canada toward better understanding and enforcement of the Provincial Engineering Acts.

Respectfully submitted,

STEWART BARKWELL, P. Eng.
Chairman

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LEGISLATION COMMITTEE

Committee members are: A. W. Gilliland - Chairman, W. R. McQuade, D. L. T. Oakes, R. E. Scouten, G. R. Smith, D. A. Crocker, G. E. McLure, R. W. Haywood, R. A. Harasyn, J. R. Spronken, H. O. Wilson, E. E. Lach, A. D. Myska.

The past 12 months have seen the Legislation Committee active on matters of immediate and long term interest.

A response was made to the Manitoba Bar Association's request for inter-professional dialogue concerning the position of professions in the province of Quebec. Briefs to the Law Amendments Committee were prepared concerning proposed changes to the Unconscionable Transaction Act and the Mechanics Lien and Builders and Workmen's Acts.

Several recommendations submitted to Council for change to the By-laws and Act during 1972 were accepted and considerable time has been spent summarizing the extent of changes required.

Council has requested that the Committee study the questions of nominating procedures and election methods. Com-

ments from members have been examined and a smoker type evening arranged in an attempt to establish the wish of the membership in this delicate area. It is anticipated that a Committee recommendation will be forthcoming shortly after the Annual Meeting.

The Committee has consistently expressed its opinion regarding the relationship between the Association and engineer self interest groups. This subject will be a major concern of all informed members during the next year.

On all these matters the Committee wishes to invite comment from any interested member. Your Committee represents many different points of view but individual opinion will help Committee members in their deliberations.

The usual competent and willing help has been offered by staff members for which the Committee is most grateful.

Submitted by:

A. W. GILLILAND, P. Eng.

Chairman



MEMBERSHIP COMMITTEE

The 1972-1973 Membership Committee consisted of M. Hirt (Chairman), B. Urbanietz (Vice-Chairman), M. D. Clarke (Secretary), M. G. Hammond, H. J. Harding, P. V. Johnson, S. Onyshko, V. P. H. Wopnford. The Committee represents various facets of the engineering community: provincial and city government, university and community college, consulting, utilities and railway, and large as well as small scale private manufacturers.

The terms of reference and subsequent activities of the Committee were as follows:

A) *To encourage new membership through direct contact.* Several major engineer employers, including such organizations as the Atomic Energy Commission in Pinawa and the University of Manitoba, were found to have a significant number of non-registered graduate engineers in their ranks. The Committee's efforts have been and will continue to be directed towards identifying all employers with non-registered engineers who perform engineering tasks, contacting them with

a view to registration, and reviewing the Engineering Act with respect to the necessity for registration in order to practise.

B) *To organize an effective program to introduce Engineering students to the Association.* The student liaison program was this year organized by Steve Onyshko and his Sub-Committee staff. At a meeting held in December 1972 at the Montcalm Motor Hotel, 32 Professional Engineers and 85 first and second year Engineering students took part in the first phase of the program - informal group discussions between students and Engineers. Dean Hoogstraten, A.P.E.M. Secretary-Treasurer Terry Algeo and A.P.E.M. President Clyde McBain spoke to the group, followed by the presentation of the "Canada Northlands Development Award" to Garry Beckstead, a fourth year Civil Engineering student.

A dinner meeting in March, 1973 was held for all fourth year students, Engineers and those students involved in the Counselling Program - 149 people all together. This second meeting not only served to introduce the graduates to the A.P.E.M., but also provided a follow-up to the original meeting with the undergraduates. A panel discussion on the "New Engineer and the A.P.E.M." raised several interesting questions and promoted a lively exchange of ideas. The reactions from both students and Professional Engineering counsellors were generally favourable towards the program and recommended its continuation and pursuit with even more vigor.

C) *To compile and publish the Membership Roster.* Mike Hammond and his Sub-Committee, with the able assistance of the Association staff, produced the Roster during the summer of 1973. Once again the revenue from advertisements marginally exceed the printing costs. Also, once again, Aime Barsalou, P. Eng., allowed the Association to use a copy of one of his paintings on the cover of the Roster. Current Membership in the Association is 1918 Professional Engineers. In the past 12 months, new registrations were, 171 and Engineers - in - Training were 122. As usual, any program such as this depends on the willingness, co-operation and support of all concerned.

The membership Committee and the undergraduate students appreciate the efforts of those Professional Engineers involved in the program.

- D) *To promote and encourage Engineers-in-Training to become registered Professional Engineers.* The E.I.T. — Mentor Sub-Committee, chaired by Art Pankratz, was created this year and accepted by Council to become a part of the Membership Committee. The objective is to provide an Engineer-in-Training with a program which will bring him closer to the profession by closer association with his colleagues. The main focus is oriented to those E.I.T.'s who, because they work for a firm employing few engineers, have difficulty in obtaining the recommendations of at least three registered Professional Engineers required to accompany each new application for registration. The Mentors ("wise and faithful counsellors"), volunteer engineers with similar technical interests, would be expected to meet with the E.I.T.'s several times per year to review the work of the E.I.T. and his progress as an engineer. The Mentor would give the Association a progress report on the E.I.T. at the end of a year which would be used by Council in evaluating the E.I.T.'s membership application. The Mentor Sub-Committee will match participating Professional Engineers with E.I.T.'s in terms of interests, will function as advisors, provide guidelines and will monitor and report annually on the program. This program has just begun and the next report will have more details concerning its success.

On behalf of the Membership Committee, I wish to thank Terry Algeo, P. Eng., Guy Arnott, P. Eng. and the rest of the Association staff for their assistance and guidance throughout the year.

Respectfully submitted,
M. HIRT, P. Eng.,
Chairman

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SPORTS COMMITTEE

The Sports Committee program for 1973 consisted of three events: the Bonspiel in January; the Spring Golf Tournament; the Fall Golf Tournament.

The 8th Annual A.P.E.M. Bonspiel was

held at the Highlander Curling Club on January 18. A total of 24 rinks vied for the prizes in three events. Winner of the main event and the President's Cup was the R. Friesen rink comprised of K. Walker, E. Solmundson, and G. Hermanson.

The Spring Golf Tournament on June 14th at the Breezy Bend Golf and Country Club attracted 105 golfers. Mr. G. Thorsteinson recorded the low gross score and was awarded the Landon Cup.

On September 12th at the Rossmere Country Club a total of 29 golfers sought the Sullivan Cup. Mr. A. Brown was declared the winner of the Trophy.

For their assistance in planning and operating the curling and golfing events I would like to offer my thanks to Bill Mackenzie, Al Bischoff, Alex Brown, Bob Gottfred, Carl Kummen, and Boris Hryhorczuk, and special thanks to Mrs. L. Dunklee.

Respectfully submitted,

R. A. JESKE, P. Eng.

★ ★ ★

AWARDS COMMITTEE

The Committee consisted of: R. Hood, Chairman, S. Barkwell, J. Adam, F. Fowler, R. Harland, C. Sommerville.

During the year, your Committee considered recommendations of suitable Manitoba professional Engineers for the following awards:

- (1) Outstanding Service Award
- (2) Merit Award
- (3) Life Membership
- (4) Canadian Industrial Development Award
- (5) On behalf of the Association, we are pleased to nominate for appointment to the Order of Canada one of the outstanding engineers in Manitoba.

Final deliberations on these awards will not be available prior to the Annual Meeting at which time a full report will be presented. However, the Committee would like to bring to the membership's attention that the success of an awards pro-

gramme, such as the one contemplated by the Association, is directly dependent on the active participation of all members in submitting suitable candidates for these awards. During the 1973 year, this participation was not evident.

In addition to the above, your Committee was charged with the responsibility of recommending to Council nominations for the Canadian Engineers Award. Also, the Chairman of your Committee participated in the selection of a recipient of the Canada Northland Award, which was donated by Major Charles.

R. HOOD, P. Eng.,
Chairman

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RESEARCH COMMITTEE

Membership 1973: R. Sochaski, P. Eng., G. W. Swift, P. Eng., C. M. Hovey, P. Eng., E. A. Speers, P. Eng., Chairman.

Three meetings of the Research Committee have been held during the year. These have involved:—

1. Various matters referred by Council;
2. The National Energy Policy;
3. Consideration of recommendations for the Energy Policy.

Respectfully submitted,
E. A. SPEERS, P. Eng.,
Chairman

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BULLETIN COMMITTEE

During 1973 the Bulletin Committee has attempted to maintain the standard of an interesting and balanced publication. This year there has been some stir of controversy in the letters to the Editor — always considered a healthy sign.

We have maintained the number of issues during the year at six, and have stayed within our publication budget.

I thank all the contributors, particularly the members of the Bulletin Committee and commend Mrs. Loreen Dunklee for her support and assistance to the Committee during the year.

Respectfully submitted,
E. A. SPEERS, P. Eng.
Editor

UNIVERSITY LIAISON COMMITTEE

The committee has endeavoured to stimulate an exchange of ideas between "town" and "gown."

- On May 23, 1973, Dean Hoogstraten was gracious host to a luncheon for leaders of the Association to meet with Department Heads. Arising from this meeting there is now a non-faculty delegate to the curriculum committees of the electrical, mechanical, civil, and agricultural departments and of the first year committee.
- On October 16, 1973, President McBain hosted a lunch for the Dean and Department Heads. Discussions related to the orientation of students, prospective students, and the public in general. The support of all engineers is solicited for University related activities.
- There is a wealth of interest and goodwill on the part of both "town" and "gown". The next step is to establish how this resource may be used for the best advantage of all.

Thanks are due to the committee members who have done the thinking. They are Mohan Vijay, Jack Karras, Sandy Thornton-Trump, Dennis Sigurdson, Bill Newton, and Guy Arnott.

Respectfully submitted,
JOHN W. J. LEWIS, P. Eng.
Chairman

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TOWN HALL MEETING

By J. W. J. LEWIS, P. Eng.

"Nomination and Election Methods" was the topic of a lively panel discussion at the Tuxedo Inn on October 18, 1973.

Legislation Committee Chairman, Andy Gilliland moderated a panel of S. Barkwell, W. Finnbogason, R. Mills, and G. Smith. They were assisted by lively discussions from the audience.

- There is feeling that the Nominating Committee give an advantage to their slate candidates for Council. While statistics may not bear out this feeling there appears to be merit in publishing the names of all candidates at the

same time and not saying who they were nominated by.

- No one at the Meeting, could clearly describe the method of vote counting. It was speculated that the system is not entirely suitable for our situation where more than one candidate is to be elected.
- The ballots in the 1973 election to Council will have clear instructions that valid ballots do not have to have an order of preference marked for all candidates.
- The President is chosen by our Elected Councillors from amongst their number. This method favours experienced councillors of proven endurance. It could be worse.
- What about all the members from outside Winnipeg? Ray Sochaski had come from Pinawa to put the unflattering view of our country cousins who see the Association as good place to buy life insurance. This precipitated protestations of interest and affection. For years we have been planning to do something about out of Winnipeg members.
- The Town Hall Meeting was intended to let the Legislation Committee know what members think about:
Do we need more Councillors?
Is the year of graduation important?
Should the nominations committee nominate?
A political President?
Equal rights for all nominees?
What is proportional representation?
The questions are still open.

* * *

Recent shenanigans at the University were shortsighted. The union supporters appeared to be willfully sabotaging the intestinal functioning of the University. The stuffing of toilet bowls with extraneous material shows the careless attitude relative to the health of the students and other personnel. The net result indicates a return to a "Johnny on the Spot" installation with wartime queues, or a revised motto for the University; "Tuum Est" or "You can take it with you."

OLD TITLES - NEW BOOKS

Up The Organization: Senator Sam Irvin's account of the Watergate Hearings.

As You Like It: The story of the Gay Liberation Movement.

The Games People Play: The life and times of Larry Desjardins.

Renegade in Power: The stirring saga of Joe Borowski's stint as Minister of Highways.

Little Women: The tender story of Snow White and the Seven Dwarffesses.

Love Story - Pierre Trudeau's courtship of David Lewis.

* * *

LOMBARD LINES

By L. J. WHITNEY, P. Eng.

October 2

Council met today in its regular monthly meeting. The meeting was chaired by Vice-President DePauw in the absence of President McBain and Past President Barkwell. As is usual with Mr. DePauw presiding, the meeting proceeded at a brisk pace. After adopting the minutes of the Council Meeting of September 11, Council approved payment of the September accounts in the amount of \$8,305.44. Licences, Engineers-in-Training, Transfers, Registrations and Reinstatements were all quickly dealt with. In a related item of business, a motion that Council recognize the United States Licensing Boards as associations or institutions as referred to in Section 13(3) of the Engineering Profession Act was defeated.

In other business, Council endorsed a report to the Workmen's Compensation Board prepared by the Committee on Safety in Engineering Practice. The report contains a number of recommendations regarding hoisting equipment.

* * *

IF DOCTORS WERE LIKE ENGINEERS

By R. J. RENNIE, P. Eng.

"Well, Mrs. Jones, you have a gall bladder problem and we'll have to take it out. You can arrange a date with my nurse."

"My goodness, Doctor, this will cost a bit of money which I'll have to borrow. With interest rates the way they are . . .

Doctor could you give me a proposal for the work with a fixed fee?"

"Oh Mrs. Jones, it won't be that bad."

"Don't worry Doctor, just give me a price, Bye now."

"Hmm, I'll have to be careful on this one, because we need the work. There will be lots of competition. Inflation seems to make people healthier. Let's see, I'll have to rent a bed, operating room costs, — the anaesthetist? I'll try Prof. Pentathol, he's good, with more degrees than a thermometer."

"Hello, Prof. I have this case . . . , how much? Isn't that kind of high? You have to check to see if she's allergic? We can drop that can't we? OK, OK, I'll phone you back."

"Hello, Eddie Ether, its me Dick, how's your suspension? It's over, reinstated, good! I have this case . . . how much? Over lunch hour . . . low rate . . . how can you eat a sandwich when we're . . . that's good, good. We have a deal, I'll phone you later."

"Hmm, things are shaping up pretty good, I'll have to watch Eddie though. Let's see, I think I'll try a kicker . . . I'll ask Mrs. Jones if we can take her appendix out while we've got her open. Now if I can get the new interne to do most of the slicing work for me, I can also have lunch over the noon hour during the operation."

After the operation —

"Good job interne, you are showing great promise as a surgeon and I made a few bucks."

"Thanks Doctor, there's one thing I was going to ask you about during the operation but you stepped out for lunch."

"Yeh, what's that?"

"Well, while I was taking out her appendix, I noticed that her gall bladder didn't look so good but I decided to close her up anyway as you must know what you're doing."

BOUQUETS FOR THE MANITOBA GOVERNMENT

It was suggested to the Bulletin Committee after the October publication that we were too critical of the politicians and did not offer any praise. So in order to rectify this situation, the Committee set out to gather bouquets. It was decided to start with the Manitoba Government and the question was put to a random sample of our members — What's good about the current Manitoba Government? Here are the answers we gleaned.

Mr. Green is one of the most competent ministers who ever held a portfolio.

Autopac is a good concept, but it needs polishing up.

You mean like how good it was that they took over Children's Hospital and wrecked it.

They have made an effort to do something for older citizens.

It's difficult to say what is good with the possible exception of help to the aged, although we don't know what the high priced theoreticians are charging to implement and administer the plans.

They allow me to pay more money for less coverage with Autopac.

I'm supposed to answer that?

I have no basic objections to them.

Are they worth the effort that would be involved in thinking up something positive?

Could you just run the column blank?

One Manitoban has certainly benefitted and one must give credit where credit is due. The Memorial Park biffy has given relief to one member of our community whom I saw emerging from the new structure recently.

They have provided us with comic relief.

No comment!!

They still retain the requirement for an election every 4-5 years.

You have rendered my mind a blank.

Sid Green's idea that Winnipeg should tax people whose property increases in value because of zoning changes.

Things improved when the party appointee Art Coulter became the benevolent dictator of the School Board.

Cabinet members have intercourse with people, even right-wing reactionaries, as long as the dealings do not conflict with their ideology (religion.)

They provide an employment service for B. C. and Saskatchewan.

When you are up to your eyeballs in political scientists you forget your other problems and that's good.

They seem to have modified their views about the "business community" and representatives are now calling on Manitoba business firms, including engineers, to solicit funds for the NDP.

♦ ♦ ♦

OTTAWA WATCH OUT! In the next issue we will carry the results of our poll on what is right with the government in Ottawa, regardless of whether the LDP government is still in power or has been replaced by another coalition or non-coalition.

♦ ♦ ♦

BIOMEDICAL ENGINEERING IN MANITOBA

Manitoba has one of the leading Medical Centres in North America. While the Medical and Dental Development Groups have not been able to progress as rapidly, nor as fully, as desired due to shortage of financial support, much useful and original work is being done involving members of our Association.

The following article has been compiled by Dave Winter, P. Eng., with inputs from D. A. Hobson, P. Eng., M. B. Raber, P. Eng.

In the past four years the interdiscipline known as biomedical engineering has grown tremendously in Manitoba, and is now a recognized career that many students are considering. The recent Western Canadian Engineering Society Conference recognized this fact in focusing their entire

program on biomedical engineering.

Within the hospitals and the University of Manitoba there are at least 20 professional engineers, engaged full or part time in bringing engineering technology to the health care system — in the delivery of patient services, in design and development of new devices and systems, and in fundamental research. About 10 graduate students are also participating.

Shriners Hospital for Crippled Children

The biomedical engineering program at the Shriners Hospital is probably one of the most active in Canada, and involves four full-time biomedical engineers and a staff of 10 technologists, some with special paramedical training. The service program is directed towards improving the quality of life of children with physical disability. New artificial limbs, some of them electrically powered, are designed, constructed, and fitted. Special braces, called orthotic devices, aid children whose limbs are intact but have suffered some neuromuscular disorder. For more severe disorders a custom-made special device may be needed. All this requires special training in anatomy, and physiology, as well as the mechanics of the devices being prescribed.

The applied and basic research ties in closely with the clinical needs, and is aimed, for example, at learning more about the fundamental nature of the biomechanics of walking. Considerable effort has resulted in the development of the most advanced locomotion laboratory in Canada. The studies involve advanced telemetry, data collection and computing techniques, and will yield information as to the dynamic activity of muscles, correlated with the kinematics of limb motion. An interdisciplinary team of medical and engineering researchers and graduate students is now involved in a wide range of experiments involving normal subjects and handicapped children.

Rehabilitation Centre of the Health Sciences Centre

For many amputees and severely paralysed individuals, the addition of battery powered, motor-driven devices offers the *potential* of increased functional activity and greater mobility. This potential is often not realised, however, because the addition of external power introduces new problems of control of (usually) open loop systems.

At the Rehab. Centre we have experimented with new forms of control for powered upper limb prostheses, such as muscle electrical potential control or "myoelectric control". To this end, considerable progress has been made in the development which will provide better myoelectric signals for control purposes.

Severely paralysed patients often have problems controlling powered devices, since each person has particular, unique disabilities and requirements. The human factors in the control systems must not be overlooked. At the Rehab. Centre, therefore, each patient's abilities are carefully evaluated and devices such as head controls for powered wheelchairs are designed, modified, or adapted to each individual.

St. Boniface General Hospital

The Cardiac Catheterization Laboratory at St. Boniface General Hospital is a typical site for the application of advanced engineering technology to clinical practice. The diagnostic team headed by a cardiologist consists of 2 specially trained nurses, and 3 medical technologists. This team utilizes sophisticated X-ray, medical electronic and mechanical equipment, worth about \$400,000, to measure blood flow and heart performance. Output data takes the form of pressure and flow tracings, film (35 mm, 70 mm, and 16 mm movie) and videotape records. Biomedical engineering is involved with this system in two ways: by making design modifications to optimize the function of the expensive team and equipment; and in the analyses of the terrific volume of data. Electrical and mechanical engineers would be amazed at the advanced applications of their technology — signal processing, correlation techniques, digital filtering, flow analysis, pressure-volume analysis of heart efficiency, compliance studies, etc.

Health Sciences Centre — General Centre

We are all aware of the terrific advances made in patient care as a result of advanced technology. Hardly a week goes by without at least one TV program dramatizing the spin-off of space age technology. But what we do not realize is that behind the scenes are biomedical engineers who are making these advances a practical reality. In most advanced hospitals it is now an accepted fact that engineers (in white coats, no less) are plying their profession in recovery rooms, intensive care areas, diagnostic areas and automated laboratories.

What do they do? First, they must be competent as an engineer, then they must learn a certain amount about human systems (anatomy and physiology) and the unique problems associated with hospital systems and equipment. Specifically, at the General Centre, biomedical engineering participates in the following areas,

(i) Teaching and Consultation

Defining the technical solutions to the medical needs so that the best equipment is purchased, and so that it is properly used. They can also be called upon to advise on engineering techniques, such as signal processing methods.

(ii) Technical Support

Equipment management involves routine and emergency maintenance, enforcement of rigorous safety standards, modification of equipment, etc. The spectrum of equipment can range from computers to implanted devices, from automatic patient alarms to automatic chemical analysers.

(iii) Development

Design and development of new equipment, devices, and even complete systems occupies much of the biomedical engineers time. Industry very often cannot respond because it is unaware of the true needs, or it is not commercially attractive.

(iv) Applied Research

Biomedical engineers are often an indispensable member of a medical research team. For example, work on pacemakers and electrical safety is now underway at the Centre.

University of Manitoba

A formal program has been evolved over the past 3 years, jointly between the Faculty of Engineering and the Faculty of Medicine. Graduate students can now take courses in functional anatomy (a more comprehensive course than that given to medical students!), human physiology and biomechanics as part of their MSc program; these programs are approved by a Biomedical Engineering Liaison Committee, which includes representatives from the Faculty of Medicine. The activities of the hospital engineers associated with the Faculty of Medicine has been described; engineers in the Faculty of Engineering are now becoming more involved.

Electrical engineers are investigating biological effects of microwave radiation, 3-D imaging of biological shapes (such as the heart), improved control and powering systems for electrically powered limbs, and computer enhancement of X-ray images.

Mechanical engineers have been investigating the metallurgical reactions of implanted metals used to reinforce or replace bone structures, the kinematics of human locomotion, and are now analysing the vehicle and human mechanics of car accident victims.

Early Bird Draw

Tickets for the annual meeting luncheon are now available at the Association office. Tickets are \$5.00 and include lunch, two drinks and hors d'oeuvres.

Mail your cheque to the office by November 27th to qualify for the draw.

The usual fine quality standard engineering prize will be given.

COMING EVENTS

ANNUAL GENERAL MEETING
THURSDAY, NOVEMBER 29th, 1973

ANNUAL DANCE
SATURDAY, MARCH 9th, 1974

CLASS OF '77

Editor's Note:

We sent one of our cub reporters to cover the Minister of Universities and Colleges speech at the fall convocation of the University of Winnipeg. As was expected, the Minister dwelt briefly on the subject of professional associations. Unfortunately our reporter was dreaming about the future at the time and wrote his futuristic dream instead of true unbiased reporting as is customary in this Bulletin. His notes were as follows.

Ladies and gentlemen of the 1977 graduating class, I welcome you with open arms into the civil service of Manitoba. We look to you to carry us forward in the paths of righteousness that we have started. I would like to dwell briefly on some of the social problems confronting our society and with which I am sure you will be interested and concerned as you make

this glorious step forward from the sheltered halls of academia to the wonderful world of doing good for all of those who are poor and underprivileged (providing they are of the right doctrine).

We have agreed to accept the following graduates into the civil service:

3 graduates in medicine (the entire class)

184 political science graduates in the planning and priorities committee. This is a major switch from hiring only McGill political science graduates.

12 engineers. We are trying to prevent the rest of the class from leaving the province.

100 lawyers who have taken the new one year course and who have passed the course in labor negotiations and social justice given by Mr. Pauley.

In the field of policy making, I would like to take this opportunity to give out some good news. We are not going to close down the professional associations as was spelled out in the white paper. We are going to leave the professional associations in the same role that they presently fulfill. That is the control of the professions.

Each profession will admit its members at it sees fit, providing the prospective member can answer some simple skill-testing questions. Each association will discipline a member in its own way for any professional and ideological misdemeanour that he might commit. Each association will set the salaries for its members providing the salary schedule fits the public service schedule.

The only change, and that is very minor, in fact its hardly worth mentioning is that the Minister of Professions and Unions will appoint the members of Council of the Associations. We wish the professional associations to be absolutely fair in their dealings with members and prospective members. Therefore it is entirely logical that, to get away from petty jealousies so common in professions, the members of council should not be chosen from their own profession. The Councils of the Manitoba Law Society, the Manitoba Medical Association and the Association of Professional Engineers of Manitoba will be chosen by the Minister from the new association of Steelworkers, Teamsters, and Lifelong Political Science students. I'm sure this minor change will be a more fair and equitable method of controlling the professions.

In addressing the new councils last night I mentioned — and I repeat I only mention an idea. It is not a demand: more deserving people should be admitted to the professions. Closed shops are okay but not in professions. The University Senates have been dishing out honorary doctorate degrees wholesale to reactionary types

whose only claim to fame is that they have money. I would like to suggest — and I suggest it humbly, because I am a humble man, that we give out some honorary bachelor and masters degrees to worthy candidates. By so doing we will build up the association membership lists that seem to have become depleted of late. There are several sons-in-law from Saskatchewan and British Columbia that could do with an educational degree so that they can take their proper place in the hierarchy.

And to you the 1977 graduating class we hand the torch. May you continue in our path of promoting freedom.

★ ★ ★

It is difficult to understand the rationalization behind the viewpoint expressed by both Politicians and the news media that the recent Quebec election results were a clear rejection of separatism. The figures do not bear this out. Certainly the Union Nationale party was rejected completely and the Creditistes almost completely. But the P. Q. party, with separatism in its platform, increased its popular vote by 4% in only 3 years, to an alarming 28%, which is considerably higher than the popular vote enjoyed by the Liberal party in Manitoba. And this increase took place at a time when most Canadians outside Quebec think that the federal government has been bending over backwards to pacify Quebec. Now the separatist party in Quebec is the official opposition. Most parties proceed from this vantage point to government. This is hardly something to cheer about.

★ ★ ★

A quick scanning of the expense accounts submitted by members on Association business reveals no money being expended for hair-care. Our members also manage to sustain themselves on much less exotic food than school board tourists.

NOTES

FIFTY-FOURTH ANNUAL GENERAL MEETING

THURSDAY, NOVEMBER 29th, 1973

INTERNATIONAL INN

PROGRAMME

- 11:30 a.m. Registration Opens
- 12:00 Noon Reception
- 12:30 p.m. Luncheon, Introduction of Head Table Guests
Guest Speaker - Dr. G. E. Mosher —
The Medical Profession and the Government
- Awards
- 2:00 p.m. Official Opening by President
Announcement of Winner of Early Bird Draws
Annual Meeting Convenes
Introduction of Head Table
Minutes of Annual General Meeting of Nov. 27, 1972
Declaration of Councillors Elected
Reports
Auditors Report and Appointment of Auditors
- 3:00 p.m. Council Meeting
Coffee
- 3:30 p.m. Declaration of Officers Elected
Nominating Committee Appointments
Discussion Period -- Titillating Topics, Moderator --
W. Saltzberg
Ceremony of Turning Over Gavel to Incoming President
Presentation of Past President Certificate
- 5:30 p.m. Reception - Eats and Greets

Bring this Programme to the Meeting