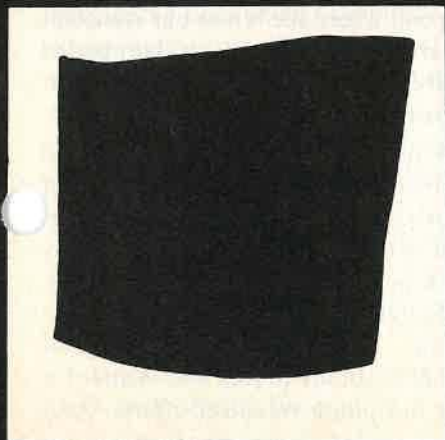


November

# Bulletin



*The  
Manitoba  
Professional  
Engineer*



**ANNUAL MEETING  
EDITION**

Published by the Association of Professional Engineers of the Province of Manitoba  
640-175 Hargrave Street, Winnipeg, Manitoba R3C 3R8

President — R.C. Isaak, P. Eng. Vice-President — K.M. Jardine, P. Eng.

Council — D.E. Cross, R.R. Foster, R.W. Haywood, F.A. Jost,  
J.W.J. Lewis, A.G. McNichol, W. Saltzberg, G.W. Swift

The Manitoba Professional Engineer is published under the direction of  
the Bulletin Committee

Editor — R.A. Kane, P. Eng. Associate Editor — L.F. Schmidt P. Eng.  
Committee Members — E.A. Speers, C.H. Templeton, O.A. Rogers,  
B.V. Halkewycz, E.W.J. Clarke, R.F. Piotrowski, S.M. Matile,  
S.J. Armstrong, B.A. McCarty, W.P. Steadman

Correspondents — F.S. Gira, Flin Flon; D.S. Taylor, Lynn Lake-Leaf Rapids;  
B.E. Maxfield, Thompson; J.R. Saltvold, Pinawa

Photographer — O.A. Rogers

Production Manager — Loreen Dunklee

*Opinions expressed are not necessarily those held by the A.P.E.M. or  
the Council of the A.P.E.M.*

WINNIPEG, MANITOBA, NOVEMBER, 1981

## PRESIDENT'S REPORT

by R.C. Isaak, P. Eng.

At times a year seems to take every one of the 365 days to pass. At other times weeks go by seemingly without notice. A year as president of our Association has similar attributes and when it comes to bringing you my last message it feels like only last week that I accepted the position as president.

Many things have happened in this "week"-long year. Our Managing Director and Registrar of 15 years, Mr. Terry Algeo, P. Eng., retired early in the year. Our senior secretary Monica MacWilliam left us when her husband was transferred. A number of junior secretary/receptionists have come and gone. It is not until recently that our office staff has settled in to the team of Mrs. Loreen Dunklee, Mrs. Joan McKinley,

Mrs. Pat Cross and Miss Lori-Lyn Langrell. During this difficult period Mrs. Dunklee has been the strong, unflappable office manager. Council has recognized Mrs. Dunklee's role and has increased her level of responsibility to the point where she is now our Assistant General Manager and for a short period our Registrar until we find a permanent Registrar and General Manager.

While the office staff have carried out their duties so well the position of Registrar, until Mrs. Dunklee's appointment in October, was handled firstly by Mr. Ken Jardine, secondly by Mr. Walter Saltzberg and thirdly by Mr. Ken Jardine. The Association owes a great debt of gratitude to Ken and Walter for their unstinting volunteer efforts. As a

matter of historical interest Mr. Jardine is the first person to have been a Registrar twice.

Despite the reduced staff the real highlight of the year has been the increased activity in the area of Act and By-law enforcement. We have reinstated the daily review of newspapers to check for infractions of our Act and By-laws. Over the signature of our Registrar we are constantly advising advertisers that they should be requiring registration in our Association if they are looking for people who are to practise engineering. Our office peruses the telephone directory yellow pages to check on the proper use of the word engineering. Several cases have required the use of our solicitor to ensure compliance with our Act and By-laws. A recent incident in which a company was using the word "engineers" on the side of their vans, when in fact they were not professional engineers, has been satisfactorily resolved when the company agreed to remove the word "engineers". A second similar matter is being actively pursued by our solicitor.

A further highlight of the year was the complete review of our Act and By-laws by the Legislation Committee with strong support of Councillor Jost and Mrs. Dunklee. Council has studied the revised Act and By-laws clause by clause and some time in the near future a special meeting of the membership will have to be called to discuss the revised Act and By-laws. Following this review we hope to go for legislative approval in the next session of the Manitoba Legislature.

A seemingly small but important issue arose during the year in which a

reworking of the professional practice examination was undertaken by Councillor Jost and Mrs. Dunklee. This examination must be written by all registrants, licencees, and people requesting reinstatement. The reworking and weighted point system has led to a better understanding of our Act and By-laws by the writers of the examination as evidenced by the anguish of those who fail the examination several times. This improved understanding of our Act even led to the case where Council was required to hold a meeting in August despite a long standing tradition of Council to take August "off", because one of the writers of our examination pointed out to us that Council meetings shall be held "monthly".

In closing I must express my deepest appreciation to the Council for its strong support throughout the year. As volunteers, Councillors give freely of their time and should be duly rewarded by the membership with a big thank you. To your thanks I add mine for a good year.

---

## ANNUAL GENERAL MEETING

**Holiday Inn — Downtown  
November 20, 1981**

Lunch — \$6.00

Dinner and Dance — \$30.00 a couple

*Order your tickets from the office  
by November 18 to be eligible for  
the Early Bird Draw.*

**Mail your cheque to the office and  
your tickets will be sent out to you**

---

## REPORT OF THE REGISTRAR

The position of Registrar was filled, for the greater part of the year, by volunteers from Council working in their spare time. As a result, some of the activities involving leg-work were severely curtailed, and attention was concentrated on the primary job of processing applications for membership and for licences.

The fact that councillors were working directly with the details of registration has led to some review and adjustments in procedures and policies.

The most important of these was a re-drafted examination on the Act, By-laws and Code of Ethics which all prospective members and licencees must

pass. The examination was set up with weighted values — important questions receiving more marks. The pass mark was set at 85%. A thorough knowledge of the fundamentals of the profession and association is required. Anyone who has treated this examination lightly has been unable to attain the pass mark.

Further activity has taken place in following up reported or perceived practice of Engineering by the unqualified, assessment of Engineering experience by applicants, and updating documents and form letters.

**W. Saltzberg, P. Eng.**

**K. M. Jardine, P. Eng.**

## SAFETY IN ENGINEERING PRACTICE

In terms of time involved, the main work of the Committee over the past year consisted of a review of three rather contentious areas of the MANITOBA AND NATIONAL BUILDING CODES related to:

- (a) Live Load requirements of Assembly Occupancies
- (b) Vibration effects in Assembly Occupancies
- (c) Responsibility for inspection of construction by Professional Engineers.

Briefly, the Committee recommendations were in favor of a 100 PSF Live Load for Arenas, Grandstands, Bleachers, etc. regardless of type of seating used; also that inspection of construction may be by a qualified person not responsible to the designer.

This latter recommendation is in line

with the requirements of the 1980 National Building Code.

Another important question considered by the Committee this year was the matter of the future role of the Safety Committee. The terms of reference of the Safety Committee are quite broad, i.e. to stimulate an awareness of Safety in Engineering Design and Construction procedures and to review incidents of possible unsafe Engineering Practices. Traditionally, however, the Safety Committee has been concerned with Building Structural Safety to the almost total exclusion of other fields of Engineering, leaving quite a large gap in many areas where the A.P.E.M. Membership is involved. The Committee agreed that an extension of the area of concern of the Safety Committee is necessary and desirable. Some of the areas suggested included Mechanical,

Electrical, Environmental, Health & Fire Safety. It is expected that an in-depth study of its future role will be one of the main tasks facing the Committee in the immediate future. Any comments or recommendations from the membership at large on this question would be welcome.

The Safety in Engineering Practice Committee in 1981 consisted of the following members: G. W. Simonson,

Chairman, D.L.T. Oakes, Vice Chairman, J.O. Klein, G. A. Morris, R. A. Stewart, J. G. Malus, J. Frye, N.C.A. Hansch, R. Wolowidnyk, J. W. Tuck, L. A. O'Morrow, H. Penner, D. Ediger.

In closing I would like to thank all members for their assistance with the Safety in Engineering Practice Committee work over the past year.

G.W. Simonson, P. Eng.,  
*Chairman*

## Awards

During 1981, the Awards Committee made recommendations to Council of nominations for the National Engineers' Award and the Association's Merit and Distinguished Service Awards and Honorary Life Memberships. It also recommended wording to clarify the Terms of Reference of the two major awards and on the membership of the Committee itself.

Recipients for the awards approved by Council will be announced at the Annual General Meeting. The criteria used for selection are summarized each year in the program for the Awards luncheon.

The quorum for the Awards Committee is four of what was formerly a Committee of six, although it is valuable to have more than a bare quorum present especially when nominations are being considered. To that end the Committee recommended and Council approved an increase to "preferably seven, normally the seven most recent Past Presidents."

For many years, the Committee has been attempting to solicit from the

membership recommendations of the largest possible number of individuals for consideration. As a new approach, it has resolved to request nominations directly from past and present councilors and from the Engineering-related learned societies and to meet with chairmen of those societies who are registered. It is hoped that this will encourage consideration of a wider selection of possible nominations.

The Committee discussed the question of how the services of those who served on Council might be recognized formally but came to no conclusion. It may also recommend the establishment of a Certificate of Engineering Achievement to recognize excellence in engineering works.

The members of the Committee this year were C.R. McBain, G.A. De Pauw, D.R. Grimes, C.R. Bouskill, E.F. Glass, W. Saltzberg, and R.A. Johnson. It was efficiently and effectively supported by Joan McKinley — many thanks Joan.

R.A. Johnson, P. Eng.,  
*Chairman*

## Admissions Review Board

The Admissions Review Board reviews the credentials of applicants for membership who are referred to the Board by the Registrar or the Board of Examiners. Recommendations are made to Council or the Registrar.

Since the summer of 1980, eight applicants have been reviewed.

Thank you to our secretary, Mrs. McKinley, to Dave Cross, P. Eng., our Vice-Chairman, and to all the engineers who sat on the Board from time to time as peer examiners.

**John W. J. Lewis, P. Eng.**  
*Chairman.*

## Sports

The 1981 Sports program started with the annual curling bonspiel on January 6 at the Granite and Highlander Curling Clubs. The response to the bonspiel was excellent and unfortunately it had to be limited to the first 32 rinks that entered. The eventual winners of the President's Cup were the Wopnford Rink and Association President Rudy Isaak presented the trophies to Berg Wopnford, Walter Wolfe, Chuck Whalen and John Stefanson.

Our next event was the annual golf tournament which was held at Elmhurst Golf and Country Club on May 25, 1981. The 140 "golfers" that participated found the weather to be pleasant and certainly not an excuse for any poor score that may have occurred. The Sullivan Cup which signifies the Low Net score was won this year by Kim Fries

## Premises

From all reports, the current Association premises have proven immi- nently satisfactory to those involved.

Any problems, such as touching up spots on the wall, correcting any temperature variations, etc. have been quickly resolved.

One plant died due to overwatering by over-zealous cleaners at night and was suitably disposed of, and a replacement found.

Some insurance, tax, and maintenance costs were investigated and affirmed.

The committee feels like the Maytag repairman, and should be retired.

Respectfully submitted on behalf of the Committee.

— E. A. Speers, P. Eng.

and the Landon Cup which signifies the Low Gross was won by Dave Oppenheimer. There were numerous other prizes presented to the golfers for a variety of reasons and I would again thank the companies and their representatives for the donations we received to make the above possible.

The success of the Bonspiel and the Golf Tournament is primarily due to the time and effort spent by the members of the Sports Committee: Al Bischoff, Landis Kraus, Sandy Gibb, Arnold Permut, Alf Cornies and Jasche Boge. I would like to thank them for their contributions in 1981 and look forward to working with them next year.

— V.W. Becker,  
*Chairman.*

## University Liaison

The University Liaison Committee has concerned itself with several issues over the past year.

The crisis of the Faculty of Engineering Funding has been a foremost concern. The Manitoba Government Department of Economic Development and Tourism awarded a development grant which extends over the years 1980, 1981 and 1982. Therefore, the Committee has not been concerned with this problem during the past year, but it may be a problem in future years.

On the matter of a requirement for continuing education for our members this Committee has not taken a position. Perhaps, members of the Association who have opinions on this matter should

make their positions known and possibly should join this Committee, so that recommendations can be made to Council.

The Faculty of Engineering Library was another concern. All Engineers are invited to make use of the library services. The Committee and the Faculty are considering ways to provide additional funding to expand the Library material available.

Committee meetings have been attended by members: D.G. CHAPMAN; D.R. GRIMES; E.T. CHEONG; M.V. KLEIN; R.W. McQUADE and A.D. GOULD, and MRS. L. DUNKLEE.

— W. J. Horner, P. Eng  
*Chairman.*

## Practice & Ethics

During the year, the P. & E. Committee held eleven regular meetings in the performance of its function. The Chairman and other members of the Committee have met informally with other engineers, consultants, solicitors and APEM staff on numerous additional occasions.

At the formal meetings discussions and investigations continued on existing complaints and also were initiated on new inquiries and/or complaints as they were received.

Under active consideration were:

1. Nelson-Churchill River System Hydro Inquiry — progressing
2. Winnipeg Arena Expansion — progressing

3. Bishop Grandin Boulevard — completed and findings publicized
4. Inquiry on disclosure of budget figures to contractors — completed and reported to Council
5. Inquiry on whether work being performed constitutes engineering work — completed and reported to Council
6. Inquiry on an ethical question of a possible conflict between an engineer's "Duty to the Public" and the "confidentiality of his work to his client", — completed and reported to Council.

The inquiry on the ethical question listed as item 6, proved to be a very controversial and interesting investigation

and served to point out the very specific difference in responsibility for an engineer as compared to a lawyer.

An engineer shall regard the physical and economic well-being of the public as his first responsibility in all aspects of his work. The lawyer, on the other hand is bound by "confidentiality" to his client. To explain the situation fully, the description of the inquiry was as follows:

An engineer has undertaken or accepted an assignment to examine or assess a specific problem or question for a client or employer, and while doing so encounters circumstances or situations which, in his opinion, if not rectified are a potential or likely hazard to employees or to the public.

The terms of the employment are specific and do not necessarily include or involve assessment of the area where he found the hazardous situation.

The issue is raised as to a possible conflict between the duty of confidentiality and the duty to protect the public.

The Committee advised the inquirer as follows:

1. The engineer should notify the client immediately
2. The engineer should make a professional judgment as to the importance and severity of the situation
3. If he is unsure of his judgment he should approach the P. & E. Committee in confidence
4. In either case, should nothing happen to remedy the hazard in a reasonable time the engineer should report back to the P.&E. Committee.

Council was advised of the decision and action.

During the pursuit of information on this inquiry, the Chairman contacted Mr. Art Wordell, staff support member of the Ethics Committee for the Ontario Association. Mr. Wordell advised that they had experienced similar types of inquiries and that they are very difficult, because someone may have to advise public authorities should the client or owner not take remedial action. This step should be preceded by obtaining the advice of a solicitor since legal ramifications could arise.

It was interesting to learn from Mr. Wordell that they have eleven members vs. our nine on P. & E. Committee, and that they currently have fifty-five files open. They have some investigations that drag on for a long time, especially if they have difficulty obtaining witnesses. The Committee recommends to Council that they proceed if sufficient evidence can be developed. If enough evidence cannot be found a member may be brought in before the Committee and a letter of admonition may be sent to the member from the Committee.

The Chairman wishes to thank each member of the Committee for their dedicated work during the past year.

I would also like to make it known that six years is long enough for one committee, and as of this annual meeting I shall be resigning as Chairman.

V.S. Buckler, P. Eng.,  
*Chairman*  
 D.A.J. Ennis, P. Eng.  
*Vice-Chairman*

## Membership

The Membership Committee organized the Annual Fourth Year Engineering Students Dinner held at the Assiniboine Gordon Inn on the Park November 6th. It was again well attended with an attendance of 204 people. For the first time invitations were sent to all the Department Heads of the Engineering Faculty. Last year's guest speaker was L. L. Bryson, P. Eng., Vice-President and General Manager, Boeing of Canada Ltd.

Arrangements are underway for the 1981 dinner to be held at the Assiniboine Gordon Inn on the Park on Thursday, November 5th. The guest speaker has not yet been confirmed.

This year a complete membership

roster was published and mailed to the membership in September. Some 32 firms submitted advertisements that appear in the roster. This partly helps to offset the costs of producing the roster for the membership. These firms' continued support is appreciated.

Farewell and good luck to Mrs. Monica MacWilliam, committee secretary from the APEM staff, who moved to North Bay, Ontario in mid year. Hello to our new replacement Mrs. Pat Cross. Other Committee members are: Gren Yuill, Tony Eshmade, Mike Hammond.

C.C. Whalen, P. Eng.,  
*Chairman*

## Consulting Engineers

The past year has been a quiet one for the Consulting Engineers Committee. Only two meetings were required to deal with current business.

At the first meeting the single topic discussed was involvement by engineers in the proposed new Builders' Lien Act, following an approach from the Manitoba Association of Architects. The APEM legal counsel was present. The Committee recommended to Council that the protection afforded to consultants by the proposed act would be limited and possibly ineffective and insufficient to warrant the proposed fee holdback. The Presidents of the two associations and their counsel later met the Attorney General to present their view. As a result, architects and consulting engineers are excluded from the

Act, which was proclaimed on September 28, 1981.

The second meeting dealt mainly with several minor matters arising from correspondence from other provincial associations.

Members of the Committee this year were W. Akins, J. K. Babletek, G. H. Currie, H. Haak, J. Klein, J. G. Malus, R. Morrison, A. Penman, L. Pokrant, B. J. Rossen, E. Weiszmann, D. Cross as representative of Council and D. B. Whittaker, Chairman.

D.B. Whittaker, P. Eng.,  
*Chairman*

## Historical Notes

There is such a thing as a man being too proud to fight.

— Woodrow Wilson.

## Board of Examiners

Serving on the Board during the 1981 term were: K. M. Adam, J. R. Cahoon, E. Bridges, D. T. Anderson, A. Baracos, J. Dobrovolny, W. L. Pawlikewich, L. Domaschuk, C. Booy, M. G. Britton, O. Hawaleshka, F. R. Kaita, R. W. Menzies, C. D. Anderson, and O. C. Norris-Elye.

During the past year, the Board held four meetings to assess the academic credentials of 48 applicants. This compares with 39 in 1980 and 60 in 1979.

The Board judged thirteen applicants academically qualified for registration, one following a Board sub-committee oral examination. Ten were assessed one or two confirmatory examinations, the successful completion of which would normally result in acceptance for registration. One applicant was assessed two qualifying examinations, following which the Board will determine a final examination program. Twenty-three applicants were assessed from three to twenty-six examinations to complete academic requirements for registration, one following a sub-committee oral examination. The Board recommended another applicant for sub-committee oral examination in lieu of a confirmatory examination.

At the request of Council, the Board advanced opinions on twenty-seven applicants who would normally have been assessed by Council. The Board reviewed two appeals against earlier assessments, finding no justification for revision. An assessment review found one applicant academically qualified following completion of an M. Eng. program. A Board member attended an

Admissions Review Board meeting dealing with an earlier assessment.

Twenty-five applicants applied to write thirty-seven examinations at the Spring, 1981 sitting. Sixteen of these wrote twenty-six papers, achieving eighteen passes and eight failures, a 69% success rate of examinations written.

The Board performed the following additional tasks:

- a) Convened a special meeting to review a document, "Guide Lines to Admission Standards", prepared by CCPE for provincial association reference.
- b) At the request of Council, represented the Association at a Canadian Accreditation Board Meeting.
- c) Recommended to Council that i) Association examinations generally be prepared by The University of Manitoba rather than outside the Province, and that ii) examinations be held in the Fall as well as Spring.
- d) At the initiative of F. R. Kaita, commenced preparation of a Board of Examiners' Policy Guide.

The Board gratefully acknowledges the invaluable contribution by Mrs. J. McKinley as Secretary, both during meetings and in handling the Board's day-to-day business so effectively.

I wish to express my respect for the standard set by each member of the Board in carrying out his or her obligation to the public, profession, and applicants toward the maintenance of high engineering standards in the Province.

O.C. Norris-Elye, P. Eng.,  
Chairman

## Legislation

The first half of 1981 continued to be an active period for this committee with 10 committee and subcommittee meetings scheduled from January 27 to June 16. In all cases the main purpose of the meetings was to carry on with the review of the Engineering Profession Act and By-Laws.

Other items which received some attention by the Committee were the proposed Interior Design Profession Act and a proposed Act to revise the Architects Act.

The review of the Engineering Profession Act and By-Laws was embarked upon in January 1979 as a result of a Council motion to that effect on November 6, 1978. The basic reasons for a revision of the Act and By-Laws as well as highlights of the Act revisions were reported on in August 81 issue of the Bulletin, and therefore will not be repeated in this report.

The Committee has generally completed its work on the Act and By-Laws. Following review by a registered parliamentarian they were forwarded to the solicitor, for his final comments.

The Committee will receive and act on these comments before sending the proposed revisions to Council for furtherance to and ratification by the Legislative Assembly.

A new code of Ethics is being drawn up by a separate committee and its incorporation into the By-Laws will follow.

I wish to extend my personal thanks and gratitude to the committee members for their work and effort during the past year.

Committee members for 1981 are;

J. S. Hicks

G. R. Durnin

J. J. Plant

The Committee was most fortunate to have two dynamic representatives from Council in the persons of F. A. Jost and A. G. McNichol and Staff representative L. Dunklee who were involved in every committee and subcommittee session. On behalf of the Committee, I hereby express our gratitude for their guidance and assistance.

E.E. Lach, P. Eng.  
*Chairman*

## Council Meeting — August 26, 1981

Strange things happen when people write and study for their Act, By-laws and Code of Ethics exam. Because of one person's checking the rules Council was informed that they must have a meeting at least once a month, hence on August 26 Council met at 12:15 to munch on sandwiches, cole slaw and chew over the affairs of the APEM. (August meetings are not typical).

An unwary reporter (namely me) from the Bulletin arrived late expecting a light business agenda given the circumstances. Despite the unexpectedness of an August meeting the agenda was attacked with enthusiasm by the Councillors present. After clearing up the normal openings such as approving the agenda, the first discussion centred on a suggested letter which was to be sent

to certain mentors who, in their zeal to give an applicant a strong recommendation, actually had a non-professional engineer doing engineering work. The letter as put forth seemed a little too severe so Council will opt for a story in the Bulletin which another, less foreboding, letter could reference in a suggested redraft.

This confusion gave way to an even more confused discussion. An ex-member of the APEM resigned in good standing in 1979 and moved to Ontario where he still resides. He is now asking to be reinstated as a member in the APEM. Generally, but not always, Council would like to have people from out of the Province enroll in their respective Associations and practise in Manitoba under licence. Since there really is no hard and fast rule Council spent a great deal of time trying to assess this applicant's motive and other unrelated points, finally deciding to ask this man to follow the accepted procedure as described.

The minutes of the Executive meet-

ing were read and approved including approval of a salary adjustment to be made to the Executive Secretary's annual wage. She used this period to her best advantage while Council talked behind her back.

Council approved a change in Acting Registrars, with Walter Saltzberg, P. Eng. resigning and the reinstatement of Ken Jardine P. Eng., until the post is filled with a permanent staff officer.

Council concluded by deferring the reports of Dean Kuffel on Computer Engineering, the ACEM meeting and Mr. Bing-Wo's (of the APES) Demand Study to the September meeting.

Walter advised Council of special arrangements made in liaison with the state of Minnesota for a Manitoba resident to write his Minnesota State exams in the APEM'S office in a sort of hands-across-the-border picture of good cooperation that exists between our group and theirs.

The meeting ended at 1:35 P.M.

— R.A.K.

## Council Meeting — September 14, 1981

The meeting of Council began as almost all have before, The councillors approved the agenda, read the Minutes, passed the licences, Engineering Graduates, transfers and registrations. Reinstatements were handled as a separate item but also passed.

The big item on the agenda was the Budget which was presented to Council for its approval. Rudy highlighted some of the important parts which were noted. First the APEM has been running a deficit for the past two years. While some of it can be attributed to internal

restructuring which has taken place in the office and will not repeat itself, the simple fact is that expenses are outstripping revenue. In the year 1982 expenses anticipated will run about \$295,600.00 in total. He then had a chart which showed a present fee and proposed fee structure.

Here comes the rub. If the fees are not raised the deficit will be almost \$10,000 in 1982, so a fee increase is virtually unavoidable. In order to raise the fees above present limits changes will be required in the By-Laws, so a

ballot will be sent to the members soliciting their approval if the annual meeting approves changes. Needless to say there are innumerable statements made justifying the rate structure (such as our fees are the lowest of any of the professions, union fees are higher, etc.), but the bottom line argument seems to be the only one that matters.

The Practice and Ethics Committee submitted a report of action it had taken in advising a member on a matter of ethics.

Next came a report from Dean Kuffel regarding computer engineering. As you may recall Council offered itself to assist Dean Kuffel, who responded by saying that he appreciated the offer but felt things were under control, and that he did not perceive any need for Council's assistance at this time.

The proposed joint committee between the APES and the APEM on a demand study has been shelved since CCPE has gone ahead in the area already.

The last piece of discussion centred around proposed changes in the Builders' Liens Act. Council decided to add its support to the Architects and the ACEM, who have grave misgivings on some aspects of the proposed new act. The concensus is that the new act will not only add an onerous administrative headache to consultants but fail to protect the contractors from the present inequities.

All this took the regulation period of time and Council adjourned at 7:35 P.M.

— R.A.K.

## Council Meeting October 5, 1981

The Council meeting of October 5th commenced on time at 3:30 p.m.

*The highlights of the meeting included:*

1. Approval of nine licences, four transfers, nine engineering graduates, ten registrations, and two reinstatements. One application for registration was referred to the Admissions Review Board. One application for registration was referred to the Registrar to determine if there was a matter of understanding English in which the exam is 'writ'. A discussion ensued on whether the exam had to be written, or passed. Conclusion: it had to be passed at a passing grade of 85%, being an understanding of English and an open book exam.

2. R. A. Johnson, P. Eng., C.C.P.E. Director, attended and reported on items to come up at the C.C.P.E. meeting in Ottawa, the week of November 9.

**Manpower Inventory:** a major problem wherein discussions between C.C.P.E. and the Minister, the Honorable Axworthy, are taking place in planning manpower development. Funding for the inventory is coming out of C.C.P.E. reserves, and is expected to be recovered from sales of the Inventory Report.

**Manpower Salary Schedule:** our Council is opposed to this as being of little value and no budget increase is to be supported for this survey.

A discussion ensued on the 'pork

barrel boon doggle funding' and of the manpower survey. Whoever wants it should fund it. No requirement here.

Order of Ingineur du Quebec — a discussion on recent legislation making probable registration of engineering technicians in Quebec and how such may affect registrations in other provinces. Are the registrations transferable? There will be a Plenary Session on 'The Engineering Team' at the C.C.P.E. Convention, and this subject is bound to come up. There can hardly be full reciprocity in registration with regard to protecting the public.

Approval was given to raising the C.C.P.E. contribution from \$5.20 to \$5.90 per member.

Council reiterated support for the Canadian Accreditation Board (CAB) evaluation of foreign students and academic standards.

3. Loreen Dunklee was appointed Secretary and Registrar, succeeding Mr. Jardine. The Selection Committee is interviewing applicants for the position and an announcement of the appointment of the successful candidate should soon be forthcoming.

Finally, the Council moved to caucus with the Practice and Ethics Committee, and your narrator was then able to write "thirty" to this report.

— E.A.S.

## Male Chauvinist Piggism

R. A. Kane, P. Eng., Editor.

Dear Mr. Kane:

Well, that did it! The hateful diatribe by your writer S.J.A. in the August 81 edition of the A.P.E.M. Bulletin has aroused me from my apathy towards the A.P.E.M. Bulletin and inspired me to write a letter.

The article in question was titled "On Female Engineers Gender or Sex." Before I read the article, I would have agreed on the irrelevance of a group such as "Canadian Association of Women in Sciences and Engineering." However, as the article degenerated into an attack on Ms. Maureen McTeer for "sleeping with the Prime Minister of Canada", I began to see what women in our organization are up against. S.J.A. went on to say that man's "historical sacrifice" of "offering up a rib in order that females could come into

existence" requires women to show a "little more respect, obeisance, and gratitude." This is the ultimate in male chauvinist piggism. I thought that this archaic dogma went out with buggy whips and steam engines.

It is a fact that the number of women engineers is growing and will continue to grow at a faster rate than the number of men engineers. If the A.P.E.M. wishes to continue to grow in influence and respect, it will have to change its attitude toward the "ladies", as S.J.A. calls them.

I realize that S.J.A. represents a very small and getting smaller right wing minority. However, as long as his views continue to have a prominent place in the A.P.E.M. publication, the Association will appear to support his views. This will only ensure the continued existence of organizations such as the

“Canadian Association of Women in Sciences and Engineering” (and perhaps even an A.F.P.E.M.)?

(Mr.) Michael C. Riley, P. Eng.

*Editor's Note:* There is a disclaimer on the masthead which says in effect that no one is responsible. Perhaps this also applies to S.J.A.

## Roster Contest

The Roster Contest was such an outstanding success that we are unable to publish all the imaginative entries in one issue. We have declared two winners, Norm Peters from Thompson and Stan Baldwin of Winnipeg, and their submissions follow. Others will be published in our next edition.

LOVE PETERS OHTA — *Divorce Lawyers*

JONES SMALL JOHNS — *Outhouse Constructors*

MA LORD DERN LOVE DE PAUW MAN — *Soul Group*

LOTZ LOVE WRIGHT PRICE — *Escort Agency*

BATES ARNOTT GREEN — *Fresh Worm Suppliers*

INNES SMALL KITCHIN — *Micro-processors*

GREENHILL MOSS POND BEACH — *Landscapers*

LONG BEACH SMALL DYCK — *Correction Agency for Unfortunates & Misfits*

— Norm Peters

## Manitoba-Wide Talent Engineering Associates

### SPECIALIST DIVISIONS

ALLEN PHILLIPS & ROBERTSON — *Screw Design Division*

DAY NOONAN KNIGHT — *24-hour Emergency Division*

SEELING HARDEN WILBEE TOUGH — *Grouting Division*

PENNER WRIGHT PAIGE & VOLUME — *Specification Division*

HIRT CHASE PAYNE FAST — *Pharmaceutical Plant Design*

HOGG LION HACK & STONE — *Curling Rink Design Division*

UPTON DOWNING — *Elevator Designs*

PATTON BACHMANN — *Motivational Engineering Division*

PRICE JOST MORA MONEY — *Value Engineering Division*

LAW JUDGE PHARE FINES — *Ethics Division*

KING PRINCE BARRON EARL & LORD — *Coates of Arms Division*

OAKES ATWOOD CEDARWALL DOWELL & THATCHER — *Wood Structures Divisions*

BANKER RENDER MONEY ORR ELLIS — *Invoicing & Collection Division*

WRIGHT & WONG — *Computer Programming Division*

OVERGAARD & HARMS — *Safety Division*

WOLFRAM & LIGHTLY — *Illumination Division*

— Stan Baldwin

## Fee Increases

At the forthcoming Annual General Meeting Council will be submitting proposals for by-law changes that will permit fee increases, and these should receive the enthusiastic support of all professionally-minded members.

There has never been a time when this Association did not have a Council made up of conscientious, dedicated, and responsible members. The current Council is no exception. It is time for the members to trust Council with more jurisdiction in the matter of fees. It is ridiculous for Council to have to approach the members, cap in hand, for by-law changes so that the fees may be increased to cover costs. Councils have been more than prudent in handling the Association affairs, perhaps too prudent. Rather than increase fees to the limit allowed by the by-laws, efforts have been made to keep the fees down, and this has resulted in a series of deficits.

What results if the Association does not have enough funds to meet expenses of what it wishes to do? We have a responsibility to protect the public of Manitoba, that is our primary function, and this job must be done adequately and efficiently. Council has increased activity in this field and should be encouraged to continue in this vein.

It is time the members of this Association gave Council the responsibility they have demonstrated they deserve. It is time to grow up and take our place beside the other professional organizations. We have been given the responsibility of protecting the people of Manitoba in the field of professional

engineering, of administering the Engineering Profession Act. Council must have the tools to do an adequate job.

## Who is Practising?

Reference forms are regularly received in the office in support of applicants for registration in this Association, and some of the referees indicate on the form that the applicant has been undertaking work of an engineering level for several years. How is this possible? Once a person has acquired engineering experience "satisfactory to Council" (this is normally two years under the supervision of a registered professional engineer) that person is qualified for registration, assuming the degree is satisfactory. Anyone practising professional engineering in this province without being a member of the Association is in contravention of the Engineering Profession Act.

Would all members who are aware of anyone who may be practising professional engineering in Manitoba or who may be using a title indicating he is registered and who is not registered, please forward the information to the Association office.

## Licences Issued

R. Adhikary (Ont.), R.F. DeCarvalho (Ont.), B.C. Haimson (Wisconsin), W.D. Hall (Sask.), A.J. Melter (California), D.L. Sutter (Main), R.A. Wisnort (California), R.J. Hopkins (Ont.), R.C.A. Nethercot (Ont.), J.C. Burford (Alta.), F.J. Dusel (Alta.), P. Foody (Que.), P.R. James (Ont.), S.F. Jim (Ont.), M. Neuburger (Ont.), T.J.F. Sherman (Kentucky), R.G. Skrentner (Minnesota).

## Professional Engineers' Wives

### Program 1981-82

November 24, 1981 — Fun evening, St. Andrews River Heights United Church, Dogs performing agility work (husbands invited, not as performers)

Jan. 26, 1982 — Luncheon, Holiday Inn South, speaker, Dr. G. Fuller on Interior Design

February 23, 1982 — Brunch and card party, Winnipeg Winter Club

March 23, 1982 — Dinner and show for Big and Little Sisters, Hollow Mug

April 27, 1982 — Luncheon, Birchwood Inn, annual meeting

June 7, 1982 — Golf, bridge and luncheon.

For further information please call Mrs. Clingsmith at 888-0443.

## Engineering Graduates Enrolled

W.D. Klassen, Y.I. Muzyka, D.G. Sanders, R.G. Smith, B. Lutter, J.E. Elias, A.G. Schollenberg, P.T. Sims, A.L. Jackson, K. Cassidy, P.M. Dekker, R.J. Eschenwecker, G.L. Hird, V.M. Kowalyk, M.A. Matiowsky, B.G. Maunders, W.W. Rempel, R.W. Wachal.

## The Budget and the By-laws

Work on the 1982 budget began in the first week of August. Individual members of the Executive met with staff, two Executive meetings were held on the budget, and in September the figures went to Council for lengthy deliberations and consideration. It was

at the meeting on September 14 that Council decided it would be necessary to amend sections of By-law 32 in order to increase revenue. The costs involved in registration have far out-stripped the \$25.00 fee that has been in effect since 1968. The fee for a foreign licence has not changed since 1972. The transfer fee has not changed since 1968.

Council should be given the discretionary powers that the proposed By-law amendments would permit, in order that they may properly administer the affairs of the Association. With inflation at the rate it has been for the past several years, it is unrealistic to expect Council to be able to balance the budget unless it has more control over income. For example, the transfer fee of \$10.00 at one time covered the cost of the seal and the framed certificate. It no longer covers the cost of one of these items.

Members of Council are dedicated engineers who give up hours of their time in the interests of their profession. Not only do they pay their annual dues, but they also incur out-of-pocket expenses such as parking. They deserve from the membership the same loyal support they themselves render to the Association. They feel the proposed by-law amendments will assist them in administering the affairs of the Association. Let's give them the tools to get on with the task.

## Deficits

For the third year in a row the Association has been operating at a deficit. The deficit for 1981 may be found in the auditors' statement.

1980 — deficit . . . . . \$11,949.00

1979 — deficit . . . . . \$ 5,655.00

## Fees

Following are the annual dues paid by professionals to practise in Manitoba:

Dentists .....	\$625.00
Medical Doctors .....	\$205.00
Pharmacists .....	\$175.00
Architects .....	\$280.00
Lawyers .....	\$525.00
Professional Engineers .....	\$80.00
Chartered Accountants .....	\$235.00
(plus \$75.00 per student)	

In addition, some professionals have a voluntary organization. Medical Doctors pay \$405.00 annually to the Manitoba Medical Association and lawyers pay \$100.00 a year to the Manitoba Bar Association.

## The Roster and Junk Mail

Our membership roster is sent to members, other Associations, libraries, the insurance companies offering special insurance to our members, and the engineering publications that our members receive at no charge.

Repeated requests are received at the office for copies of the roster for sales promotion and similar purposes. These requests are all turned down.

Recently a word processing organization refused to take no for an answer. They insisted they had a copy of the roster, procured from a member, and that they planned to use it. They were sending out quality letters, they claimed, and one of their clients was a political party. They were convinced they could use (abuse) the roster without our being able to prove they had done so.

We doubt it. If ten letters arrive at

one company on the same day, suspicions will be aroused.

If members are receiving junk mail, even high class junk mail individually addressed, and they suspect that the roster has been used, they should bear in mind, in considering the product, that permission to use the roster for this purpose has been denied.

## Services and Sales Abroad

The Canadian Commercial Corporation (owned by the Government of Canada) provides services to help foreign customers find Canadian sources of goods and services and to obtain bid opportunities for Canadians. For further information please contact Canadian Commercial Corporation, 500 MacDonald Place, 9939 Jasper Avenue, Edmonton, Alta. T5J 2W8.

## New Members

G.M. Hoffman, R.N. Arnfield, L.M. Glantz, G.J. Fempel, D.D. Zelich, R. Cullen, R.W. Wiens, R.N. Culp, G.A. Hartman, M.T. Hughes, F.K. Li, K.O. Emeruwa, R. Thom, P.A. Lagasse, R.K. Malcharek, R.J. Muegge, K.J. Truss, G.J.P. Arbez, B. Collins, G.P. Cummine, A. de Francesco, C.K.K. Ho, S.W. Smith, C.M. Steed, A.R. Whitaker, B.G. Friesen, D.M. Scott, J. Hunter.

---

## Curling Bonspiel

January 12, 1982

Dust off your brooms

**FURTHER DETAILS WILL FOLLOW**

---

# CAPTION CONTEST

