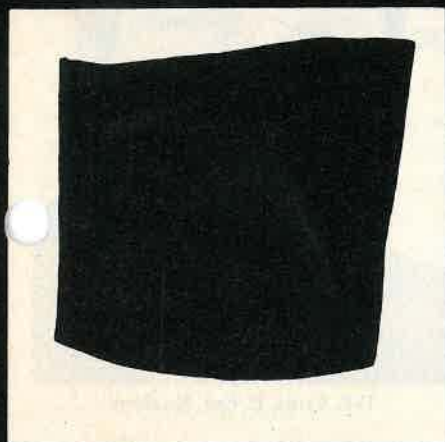


Bulletin

December

82

*The
Manitoba
Professional
Engineer*



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President — D. E. Cross, P. Eng. Vice-President — G. A. Morris, P. Eng.

Council — L. A. Bateman, P. Eng., R. R. Foster, P. Eng., J. M. Fulton, P. Eng., F. A. Jost, P. Eng.,
K. M. Jardine, P. Eng., E. F. MacKenzie, P. Eng., I. H. McKay, P. Eng., F. A. Roberts, P. Eng.

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

Editor — R. A. Kane, P. Eng., Associate Editor — S. M. Matile, P. Eng.
Committee Members — E. A. Speers, C. H. Templeton, R. F. Piotrowski,

E.W.J. Clarke, J. Lucas,

S. J. Armstrong, B. V. Halkewycz, A. O. Dyregrov.

Correspondents — F. S. Gira, Flin Flon, B. E. Maxfield, Thompson.

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, DECEMBER, 1982

President's Message

Travelling with Dave

By D. E. Cross

The last time I wrote for this journal I was travelling to a place called Goja Haven, N.W.T. This time I take you on my travels to Flin Flon and The Pas. The delays one experiences with air travel allow considerable time for reflection.

I enjoyed the Annual General Meeting and the accompanying social functions, and I trust that those who attended shared the same pleasure. It is a shame that all the hard work of the staff and Annual Meeting Committee is seen by only a few. I am certainly not wishing my days away as your President, but I do hope that I can be instrumental in encouraging larger numbers of members to participate next year. Please mark October 28 on your calendar now.



D.E. Cross, P. Eng. President

The wine and cheese party on the Thursday night, or committee members appreciation night, was a real success. Wives and girl friends added class to the party and made it a memorable evening.

The talk Lloyd McGinnis gave at the awards luncheon was extremely interesting. Lloyd outlined, in a very humorous way, the difficulties of practising our profession in the third world countries. Can you imagine having your hand cut off for making a mistake. Now that is professional enforcement! Fortunately Lloyd came home in tact.

The evening of the dinner and dance was delightful! The Holiday Inn provided a delicious dinner, and the alcoholic beverages were only 80¢ a drink and \$4.80 for a bottle of wine. The Armed Forces band was superb, and those of us who stayed until the 1 a.m. curfew were treated to a wide selection of dance music. As Bob McKibbin of Carman said, "It was the best party yet."

The dinner and dance was to be self-supporting, and that was the reason for

the tickets being \$50.00 per couple. Our dances were self-supporting in 1972 at \$18.00 a ticket and in 1962 at \$12.00. The dance had to be the best buy in town, even if one only considers the groceries. It is unfortunate that such a well-organized function is appreciated and enjoyed by such a small number of members.

Don't forget to reserve October 28, 1983, for next year's annual meeting and come and find out what your profession is doing and meet your professional associates.

In forthcoming issues I hope to discuss continuing competence and the registration procedures.

My thanks to the Annual Meeting Committee and your staff for making my job at the annual meeting so easy.

My congratulations to Dr. Glenn Morris, your Vice-President and to your newly elected councillors.

I look forward to being able to take you on my future travels and to meeting many of my fellow associates during my term in office.

F.A. ROBERTS, P. ENG. New Councillor with Youthful Look

If you should happen to run into Frank Roberts at a new member reception, chances are that you will be overcome with an urge to shake his hand and welcome him, as a new member, to the Association. Don't do it. He's not a new member. Frank Roberts, newly-elected member of Council, may look as if he's fresh out of school, but he has actually been a member of this Association for years! (Ten, to be exact!)

Frank graduated from the University of Manitoba with a Bachelor of Science degree in Mechanical Engineering in 1971, completing his Master's degree in 1972, and convocating in 1973. He is now President, General Manager and sole design engineer for F.A. Roberts & Associates. Ask anyone who knows, and they will tell you that Frank is the expert in welding engineering, and, in fact, in any matter related to steel. His expertise

has been required in solving problems related to such diverse topics as swimming pool heat exchangers, exploding gas mains and CCM skates, to name but a few!

Frank brings with him to the position of Councillor almost nine years of APEM committee experience. He has served on the Annual Meeting Committee for seven years now — the past four years as chairman. In addition, Frank spent a year as an observing member of the now-defunct CCPE Committee, and he served on the Employee Engineers' Committee from the time it was first commissioned until it disbanded (which, he confesses, was just several months later!)

On the personal side, Frank and Diane Roberts have two children — Ann and David — and they enjoy cross-country skiing, cycling and music. Frank also plays both the piano and the organ, and he sings with his church choir.

Frank has no time for any other extra-curricular activities, he tells us, because his job takes him out of town — and out of province — much of the time. He says that one of his major sports is flying — Air Canada — with Gail (Mrs. Oulton) Rogers! (Funny — Gail works for Pacific Western!) Could this be the secret of Frank's eternal youth?

On November 8, Frank will be attending his first Council meeting as a Councillor. We wish him success in this new capacity, and we're sure that he will continue to serve our association well.

— S.M.

<p>We regret to record the death of G. E. Neil, P. Eng. and H. L. Cavanagh, P. Eng.</p>

Ian McKay — Councillor

With an eye on professional development another new Councillor enters the scene. Ian McKay came from Cartwright, Manitoba, discovered the bright lights of the big city and got a degree in Electrical Engineering from the University of Manitoba in 1971. Still fascinated by bright lights he joined Manitoba Hydro and now is a Senior Design Engineer in HVDC controls.

In addition to trying to control high voltage at Hydro his outside interests find him trying to charge up a hockey team of 10 year old boys in the Fort Richmond Area. Something that always interests me is how many engineers marry nurses and Ian is no exception. His wife Billie is a fulltime mother and part time nurse at Victoria General Hospital. They have two sons Corbin age 10 and Bryce who is 7!

As stated earlier Ian's special interest lies in continuing competence, and true to his own belief he currently is chipping away at getting his Master's degree. In addition to working, coaching and studying Ian would like to do some building specifically in his rec room which he wants finished this year (so does Billie).

Prior to his becoming a councillor Ian served on the Annual Meeting Committee, the Nominating Committee and was Chairman of the Brandon Area Professional Engineers. He has noted that while there are 2600 members of the APEM, few take an active role in the APEM and he would like to motivate the group somewhat. The scouting report on Ian is that he is a digger, and enthusiasm has an infectious nature so probably Ian will get this done too.

— R.A.K.

Council Meeting October 12

By J. Lucas, P. Eng.

Upon entering the APEM Council Chamber, this reporter was quite shocked to find not only was President Jardine ill, but also a Cross was set up at the President's place at the head of the table.

I was quite relieved to find that President Jardine was recuperating nicely at home and the Cross at the head of the table was our future President Mr. Dave Cross who would chair this Council meeting.

The meeting was opened at 3:38 and rapidly moved, through the approval of the agenda and the minutes of the September 13, 1982 meeting. All licences, engineering graduates, transfers, registrations and reinstatements were approved after some amount of discussion concerning the wording of some of the questions on the APEM examination.

The Council members were informed that President Jardine would be unable to attend the Annual General Meeting and would be represented by Vice-President Cross. After a lengthy discussion of the Annual Dinner and Dance and the slow ticket sales to date, Council members decided that the function would proceed as planned.

At 4:40 a short break was held for refreshments (!!) courtesy of Mr. Rudy Isaak who was attending his last meeting after six years of service to our Association. All members of Council and Mrs. Dunklee joined in wishing him well and hoped he enjoyed his Monday evenings which he will now have free for other activities besides APEM duties. As it turned out Grand McNichol and Dick

Haywood were also attending their last meetings after years of service of APEM.

After the cookies and the imported refreshments were cleared away, Council discussed the operation of the hospitality suite during the Annual Dinner & Dance.

The review of the Auditors' Statement progressed with numerous questions from all Councillors. Our General Manager was very well informed and satisfied all the inquiries.

The format for the upcoming meeting with the CCPE Executive was discussed and Vice-President Cross invited outgoing Council members to attend the upcoming meeting.

The final order of business was a discussion of the Proposed Criteria of Membership for the Practice & Ethics Committee and the general conclusion reached by Council was that such a list is necessary but some of the items would require rewording.

ANNUAL MEETING

The Annual General Meeting of the A.P.E.M. was held on October 15, 1982, at the Holiday Inn in Winnipeg. Dave Cross, at that time still Vice-President, ably chaired the meeting due to the illness of the President, Ken Jardine. The meeting proceeded very expeditiously and terminated well before the scheduled 11:30 a.m. reception.

Following review of the various reports of committees, none of which inspired detailed discussion, the Auditors' Report entitled "Statement of Association Income and Capital for the Nine Months Ending July 31, 1982" was presented into the record. A major feature of this report

was that the new year end would now be July 31, thereby allowing sufficient lead time for preparation of the audit and budget documents for the subsequent year. Hopefully these documents will in the future be made public to Association members prior to the annual October meeting.

The proposed 1983 budget in comparison with the 1982 was received and this plus the Auditors' report did stimulate a question period. Questions varied from concerns as to Association reserve levels, travel, annual meeting expenses, effects on student career guidance and other particulars in the budget dealing with items such as parking and car allowance. This question period did not stimulate any perceived level of disagreement or possible lack of confidence in the method of preparing the budget report and/or audit.

Salary recommendations for 1983?? Apparently still to come.

Near the end of the program Association members had the pleasure of welcoming and hearing from various sister organizations and C.C.P.E.

A number of tributes were paid to Association members at the Awards Luncheon. Following the awards presentations, Lloyd R. McGinnis, P. Eng., President of the Winnipeg Chamber of Commerce, entertained us all with his reminiscences on "A Funny Thing Happened on the Way to Ouagadougou." His perceptual observations and comments made one feel that either he was floating downstream on the African Queen or trying to do business in 1982 in Winnipeg. Events closed that evening with a reception, dinner and dance.

— B.V.H.

Annual Meeting — Another View

Traditionally Al West and Wally Mildren are among the first to arrive for the annual meeting and this year they ran true to form. Ray Cruikshank represented Brandon, Cal Moon came from Portage, Reg Blackman drove in from his suburb called Selkirk and Bob McKibbin, Barry Tinkler and Merv Robinson represented Carman. W.C. Hood came from Lac du Bonnet and J.H. Dick from Anola. Other regular attenders included Barton Rossen, J.B. Striowski, Angus MacLeod and Erwin and Judy Weiszmann; and Past Presidents Rudy Isaak, Charlie Bouskill, Douglas Grimes, Bill Hurst, Russ Hood, Richard Johnson, L.A. Bateman, C.V. Antenbring.

Vice-President Dave Cross opened the meeting with a letter from President Jardine extending Mr. Jardine's greetings and best wishes for a successful day. Unfortunately Ken Jardine was unable to attend the meeting as he had recently undergone heart by-pass surgery.

The motions approving various sets of minutes passed speedily, and there were no questions on the annual reports as published in the Bulletin. Chairman Dave Cross answered the questions that arose concerning the auditors' statement and the budget.

Scrutineer Alf Cornies read the Report of the Scrutineers indicating that the following had been elected to Council each for a two-year term: L.A. Bateman, R.R. Foster, F.A. Roberts, E.F. MacKenzie, I.H. McKay.

John Lewis, Bob Stokes and Charlie Bouskill were appointed to the Nominating Committee. The Committee also

includes the two latest past presidents, Ken Jardine and Rudy Isaak, plus two appointments yet to be made from Council.

A motion was passed expressing the thanks of the members to Mr. Jardine for his efforts on behalf of the Association, together with the sincere hope that he will continue to recover rapidly. A motion was also passed expressing thanks to Mr. Cross for stepping into the breach and carrying the meeting so capably.

Numbers at the business portion of the meeting varied, but generally there were about 100 awake and two asleep.

Dave Cross handled his pinch-hitting job like a real pro. It can't be easy to undertake the task, even with a year's warning, and he certainly deserved the accolades that were expressed. As one veteran member commented, no one but Walter Saltzberg ever ran such a crisp meeting, giving everyone ample opportunity to speak but moving things along.



Al Bischoff has graduated from the Sports Committee to become a reporter for the Bulletin Committee. Watch for future brilliant articles

The business meeting was followed by a short coffee break and a longer reception prior to the lunch. The second pinch hitter of the day, Rudy Isaak (batting for Walter Saltzberg), read out the awards. The Merit Award was presented to D.C. Brooking; Glenn Morris and Ray Scouten received the Outstanding Service Award, and Honorary Life Membership was awarded to A.J. Carlson, M.J. Lupton, A.H. Pask, R.N. Sharpe, A.M. Tallman and C.P. Wright.

Dave Cross announced that at its meeting just prior to the lunch, Council elected Dave Cross as President and Glenn Morris as Vice President. This was the first time in the Association's history that the Vice-President was in the role of surrogate announcing his own election.

Lloyd McGinnis gave a very interesting, witty and enjoyable address on some of the more unusual aspects of his global travel. His wife looks very composed considering that Lloyd was in some far-off places when bombs were going off and people like Idi Amin were flexing their muscles.

There were more people at the business meeting and the lunch than at the dinner-dance; but the latter assumed the warmth of an intimate gathering. The dancing began with the Grand March.

Members of the Annual Meeting Committee are to be commended for their efforts in planning and executing all the details that must be involved with this event. Chairman Frank Roberts, and Barry Rowley, Ian McKay, Garry Hoffman, Carl Kummen and Bob McKibbin were obviously very busy during the various functions and must have been even busier both before and after.

There are some very special people in this Association. During the reception, dinner and dance, Bettie McDonald, an APEM secretary, sat at a table selling drink tickets. Since she had been sitting at the registration desk at 8:00 that morning it was not surprising that one thoughtful member paused in his dancing long enough to go and say a few words to her and inquire how she was holding up. Les Oakes volunteered his wife as ticket seller so he could dance with Bettie, and Erwin and Judy Weiszmann and Kerry and Roger Kane all made a special visit to her table just to visit with her.

Because the staff is small in numbers the secretaries come in for some unusual chores, like washing dishes after meetings, ordering groceries for the meetings and running a lot of errands, particularly at annual meeting time. The awards presentation, which ran so smoothly at lunch, was in the capable hands of Joan McKinley. Loreen Dunklee appeared to have the same job she has with this publication.

Changing the year end to July 31 and the annual meeting to anywhere from September 11 to October 30 has doubtless made life a lot easier for staff and the auditors, but the numbers hit a new low. In 1962, with 1288 members, 171 signed the register; in 1972 with 1850 members 170 signed; in 1982 with 2687 members 129 signed the register. There were 122 people at the lunch and 93 people at the dinner. In 1978 there were 180 at lunch and 297 at dinner, and 178 signed the register. Council has asked the annual meeting committee to come up with alternate suggestions for celebrating the annual meeting.

— E.A.S./R.A.K.

Big People

Size may be measured in inches or metric equivalent, but stature can have quite a different yardstick. There were some very big people in assorted sizes visible at the various functions surrounding the recent annual meeting. There's a lot of donkey work in connection with these events, and it was apparently decided early on that the three females on staff would not be harnessed up and whipped into any back-breaking activities. That is not to say that they backed away from carrying small packages over to the hotel. Secretaries who will prepare lunches, wash dishes, run errands, are not likely to fuss about carrying a few boxes down the street. Vice-President Dave Cross led the first convoy of porters.

Annual Meeting Committee Chairman Frank Roberts was in so many places concurrently that someone asked if he had been cloned. While others were chatting over a few drinks, Carl Kummen was darting in several directions to gather up all the audio-visual equipment necessary for the slide show. Bob McKibbin came in from Carman for his morning stint on the Annual Meeting Committee, dashed back out to Carman to bring his wife in for the dinner and dance. Bob says, Winnipeggers think it is 150 miles from Winnipeg to Carman but only 15 miles from Carman to Winnipeg. So naturally he is expected to come into the city, and his friends can't go to Carman because it's too far.

Ian McKay, newly elected to Council, had the exciting task of hauling refreshments from the parking garage into the hotel. Garry Hoffman topped off his morning efforts for the Committee by deciding that rather than having the office

ladies making four trips each with material from the hotel to the office after the meeting, he would let them make one trip and he lugged the rest of the material.

Barry Rowley had the most interesting tasks of anyone on the Committee. As well as bar-tending, marshalling the head table, helping at the business portion of the meeting, he was in charge of the permits that made it possible for people to buy drinks for 80¢. First Barry had to get certified cheques, nothing so simple as only one cheque — there had to be three. Then it was off to the Commission and the beer vendors. The booze was delivered to the hotel. After the ball was over Barry inquired about leftovers. He was assured they had been safely stashed away in the Association's suite. By 10 the next morning Barry was at the hotel to find an empty suite. It was late Monday before the ladies in the office and Barry had finally located the liquor. All that remained was for Barry to drive to the hotel, load the leftovers in his trunk, drive home, pick up his wife and go to the Commission with Darlene to help him unload. In view of the small turnout at the dance there were a lot of returns — over five hundred dollars' worth, and Barry and Darlene toted it all into the Commission. The following morning Barry arrived at the office with the refund from the Commission, partly in cash and partly by cheque — some obscure Commission regulation resulted in our having a cheque for \$4.16 and the balance in

cash. Now it's all in the bank. If anyone would like to volunteer for Barry's job for next year we would sure be glad to hear from him, or them.

Dave Cross, who was by this time President, helped Secretary Bettie McDonald with the closing down of the ticket sales booth at 1 a.m.

These people we have mentioned do come in varying sizes, but they have one thing in common. They are all big people. Not only are they willing to support their professional association by attending the annual meeting, they are willing to cheerfully undertake any manner of menial tasks in order that things run smoothly and the meeting is a success.

Perhaps to these people, who make such a big contribution to the welfare of the Association, there aren't any menial tasks connected with working for their professional organization.

— R.A.K.

PROFESSIONAL ENGINEERS' WIVES ASSOCIATION OF MANITOBA PROGRAM 1982-1983

- | | |
|------------|---|
| Oct. 26/82 | Luncheon-St. Charles Country Club
Fashion Show-Creative Wardrobe |
| Nov. 23/82 | Luncheon-Holiday Inn South
Speaker-Mrs. Loreen Dunklee |
| Jan. 25/83 | Luncheon - International Inn
Speaker - Jane Clark, Fashion Design Co-ordinator |
| Feb. 22/83 | Luncheon-St. Andrews River Heights
United Church, 255 Oak Street
Speaker-Mrs. Eleanor Wilson
Topic-Cardio-Pulmonary Resuscitation (film & demonstration) |
| Mar. 22/83 | To be announced |
| Apr. 26/83 | Luncheon-Carlton Club
Annual Meeting
Speaker-Richard Ouzounian |
| June 6/83 | Golf, Bridge & Luncheon |

HAPPY BIRTHDAY

Birthday greetings to Honorary Life Member, Merit Award winner and Past President J. L. Charles who will celebrate his 90th birthday on December 15, 1982.

Dear Santa

Dear Santa Claus, the time has come
For you to load your sleigh;
And harness up your reindeer,
For you'll soon be on your way.

You could bring Pierre some reading
To protect us from future shocks;
Texts on economics, finger signs,
And what to say in t.v. talks.

Joe Who down there in Ottawa
Could use a good last name;
And it might be more convenient
If his wife's could be the same.

Help Howard our new Premier,
Who has a tough job to do,
To stretch every single dollar,
To do the work of two.

If you leave Pierre right off your list,
We won't shed any tears;
But we would like to place some orders
For deserving engineers.

For our President, our worthy chief,
Who runs meetings like a pro,
A thirty-hour days he needs,
We sure keep him on the go.

As Dave said to local papers
When they interviewed him here,
He'd like an economic upturn
Shared by every engineer.

For our busy general manager
Who has little time alone;
He could use an extra ear,
To leave stuck to the phone.

Joan McKinley deals with those
Whose credentials aren't O.K.,
She needs a language conversion kit,
A tower of Babel marks her day.

For Roger Kane our editor,
What would really turn him on?
Lots of letters to the Bulletin;
They could be either pro or con.

Our committees always need some help,
They'd give three rousing cheers,
If you could drop us off a list
Of recruits or volunteers.

If you have a parking meter
That won't "expired" read
Before a meeting has adjourned,
That's what Ted Speers would need.



Editor Roger Kane (right) and Joe Lucas, Bulletin Reporter, in the A.P.E.M. Board Room.

For Bettie McDonald, Secretary,
Who might one day be harried;
A dishwasher and a sandwich maker;
Her duties are quite varied.

Maureen Ryan sorts out addresses,
Who lives where (but not with whom);
A change of address card that's blank
Is enough to make her swoon.

Frank Roberts deserves a medal,
On committees he has shone;
He's been chief of the annual meeting,
Now to Council he has gone.

For all his many labours
Fred Jost deserves a special treat;
At contributing his time and talents
Fred would be very hard to beat.

For Evan, Len, Bob, Ian, Frank,
Who on Council now are up to bat;
We wish them well and for each one
Perhaps you'd bring a welcome mat.

Perhaps you'd make more toys from nickel
Councillor Fulton would be glad;
To have no markets for their ore
Makes engineers in Thompson sad.
Please bring all of us, Dear Santa,
Until there dawns a brighter day,
The wisdom, strength, the fortitude,
To handle what problems come our way.

Increased Penalty

The penalty for payment of fees after February has been increased to \$25.00. The annual fee for 1983 has been set at \$105.00. The fee **MUST BE IN THE OFFICE BY THE END OF FEBRUARY**. All fees received after the end of February must be in the amount of \$130.00. These regulations are laid down in by-laws, and there are no exceptions.

PAY YOUR FEES BEFORE THE END OF FEBRUARY AND AVOID THE \$25.00 PENALTY.

JOB CREATION

by R. A. Kane, P. Eng.

It strikes me as rather silly from my vantage point as a voter and taxpayer that everyone who regularly shows up in the press is telling the Prime Minister of this country to create jobs. There is absolutely no one in this country's history who has created jobs to a larger extent than the Right Honourable Pierre Elliott Trudeau. A quick look at the growth of the Federal Public Service segment in the last 15 years, over which he has presided, must make this statement true.

Coincidentally with the enormous growth has come the most monumental reversal in the productive work capacity ever. One asks the question why? I am certain that each member of the private sector will agree that what has happened is that instead of creating "Work" for which an obvious spin-off would be places to work the leadership has lead us into a syndrome to create jobs for the sake of jobs but forget about work.

Businesses spend an inordinate amount of time trying to decipher the innumerable government programs put in place to create jobs which have finally caught up with themselves and there is no work left.

The demand to create jobs is misplaced. The demand should and must be on creating work. Producing whatever it is you want to produce. If we could figure out how to produce more and market this increased production everything would likely fall into place. It might sound simplistic but think of how many firms have been stymied at trying to get the product on the shelf because they have to metrify their packages, or they have to ensure two languages are printed on the instruc-

tions. Think of how much time is spent trying to distinguish the duties, sales taxes, surcharges, excise taxes and more.

Each new job created in Ottawa is filled by someone who soon becomes so enamoured by his own self importance that the administrative process required to justify the new agency is more important than the basic aim. The power of the Bilingual Law, the Metrification laws, and the Department of Revenue is disproportionate to the purpose they serve.

Taking everything into the public service, whether it be natural resources or the countless other industries being gobbled up, serves no useful purpose in creating work, just jobs which have had a negative effect.

It is virtually impossible to measure the specific damage created by PetroCan on the oil industry, the nepotism of CRTC protectionism of the CBC, the Ministry of Transport's patronage of Air Canada and more. The government writes the rules then plays the game. It has eroded the desire to work; in fact, the need to work. When everything is rosy even the

government could not blow it, but as soon as the going got a little gummy the will to work is so shot that the drive to combat the world downslide causes us to go deeper than we should.

The demand to create jobs may sound good but there is, looking at the national debt, nothing to create the jobs with or for. Given that things are so bad, maybe the restructuring should be done now. Cut our losses and let's get going. The socialist policy to tax the rich is laughable. How many times do you hear "I do not want to work overtime because it all goes to Trudeau"? The rich were presumably once poor, but they may have worked hard and stayed lucky so why penalize the next generation of gutsy entrepreneurs. To finance the creation of jobs the government would tax those who are striving to create work.

Stealing an expression created by a civil servant, our "Priorization" is a little out of touch with reality. When you think about it they have even gotten into restocking the English language. Will it never end?



Staff members Joan McKinley and Bettie McDonald.

LETTERS

The Technologist and The Engineer

Dear Mr. Kane:

The September issue of Engineering Times headlined the controversy surrounding technologists seeking professional engineering status in the Province of Quebec. A second article in the same issue dealt with the question of licensing technologists in the Province of Alberta. These two articles point out quite convincingly that technologists today are carrying out design and analysis assignments that traditionally were only carried out by professional engineers. The ability of technologists to perform such duties raises the question of whether or not engineering faculties have recognized the existence and function of the technical institutes and adjusted their programs accordingly. Unquestionably before the introduction of the technical institutes, engineering schools had to provide graduates with all the technological skills required in engineering practice. Are the engineering schools still doing so today, and, more importantly, is it necessary to do so? To answer these questions, the Civil Engineering Department of the University of Manitoba is undertaking a study of the technological skills of the graduates of the University program vis-a-vis the graduates of Red River Community College. Committees comprised of academic staff from the two institutions and members from industry employing both technologists and engineers are being established in each discipline of Civil Engineering, namely: Environmental, Geotechnique, Structures, Transportation, and Water Resources. Each committee's task will be

to assess the technological capabilities of graduates of engineering and technology programs and recommend changes, if any, to the engineering program.

Since only one or two people from industry will serve on each committee, the purpose of this letter is to solicit additional opinions from all employers of engineers and technologists. What are, in your experience, the technical skills of your technologists and of your engineers as they relate to engineering practice? The information should be sent to me and I will forward it to the appropriate committee. In addition to assisting us in reviewing our curriculum, the study will be of benefit to the professional engineering association when the issue of licensing technologists arises, as it no doubtedly will.

Len Domaschuk, P.Eng.,
Associate Head,
Civil Engineering Department,
University of Manitoba.



Consulting Engineers Committee member Bud Christie with striped tie and crooked picture

Place in the Sun

Dear RAK:

I have just finished your anthology on the Great Canadian Economy and wish to express my sincere appreciation for your truly inspired message.

I, too, felt very restricted and constricted bathed in the dim light cast from the brightly (?) burning promise of tomorrow, swaddled in the mish-mashed, fuddle-duddled, middle-class bracket with not even the luxury of a hint of a shadow of a promise of a hope for financial improvement.

While reading your words to the wise the fifth time, my mind kept mulling over the phrases "No man is an island" and "Engineers never have been guaranteed a place in the sun", I made the decision to say "Good-day" to this entirely and totally ludicrous socio-political fiasco and search out this man's "island" which will most certainly be complete with my "place in the sun." (Probably somewhere in the Bahamas)

In closing, I wish to thank you for your article which has moved me to take the only recourse open under these conditions.

Yours truly,

Thoreau N. De Towell

P.S. Watch for my postcards.

P.P.S. Forget it, Canada Post will only lose them.

Annual Fees

Invoices for annual fees have now been mailed. PLEASE note the fees must be IN THE OFFICE before March 1 in order to avoid the \$25.00 additional levy.

Coming Events

The Alberta Interlocking Concrete Pavers Producers will be holding a technical seminar on January 25, 1983. For further information contact R. A. Serni P. Eng., Camaan Portland Cement Association, 1210 Manulife Bldg., 10055-106 Street, Edmonton.

The School of Social Work, University of Manitoba will present its 1983 Distinguished Visitors Program on January 19, 20, 21, 1983. This year's theme will be "Living with Technology in the 1980's." For further information contact the School of Social Work 474-9550.



Dennis Whittaker, past chairman of the Consulting Engineers Committee, in the A.P.E.M. board room.

New Members

C.G. Folden; K.G. Caughlin; B.W. English; J.K. Jarvis; G.B. Strange; C.G. Aruliah; R.J. Dawson; D.G. Naylor; E.O. Iyborg; K.M. Cail; J. Flemming; N.A. Harrington; A.L. Jackson; W. Riesterer; T.J. Stephens; J.H. Walsh; A.E. Ball; R.A. Campbell; M. Eggleston; D.M. Bilinsky; W.M. Klymochko; P.S. NeVilley; P. Po; C.D. Stewart; R.K. Suri; D.W. Brown; D.A. Banks; J.A. Barlow; M.D. Brox; R.P. Corcoran; G.H. McLachlan; H. Schumacher; A.J. Tamburi; D.K. Waghray; G.R. Boston; G.H. Bowland; K. Cassidy; G.M. Chan; H.J. Chorney; L.H. Gudbjartsson; P. Kuy; M.N. Lour-eiro; R.B. McPhail; B.G. Maunders; W.K. Mysyk; G.B.P. Plohman; H. Rempel; R.C. Rienzo; D.L. Rudolph; W.A. Schoenfeld; G.D. Smith; W.W. Thomas; P.J. Vanstone; J.W. Yee; C.L. Young; A.A. Zaghoul; D.I. MacIntyre; M.S. Florence; D.P. Shamlock; M.S. Aulakh; R.J. Barr; R.M. Borody; D.M. Boyer; A.F. Lee; B.J. Mather; P.J. Phillips; L.V. Helms; D.J. Stark; D.K. Butt; G.D. Ingram; N.P. Shirtliff; K.B. Mirza; A.M.

Clayton; S.S. Harris; J.D. Kerrigan; R.G. Kneale; R.P. Kurylko; P.M. Leinberger; A.F. Ma; C.D. MacInnes; R.C. Small; R.D. Boadway; M.Y. Marcus; P.C. Cohoe; L.M. Fridfinnson; J.W. Lebttag; V.R. Neufeld; J.P. Shaver; R.S. Friar; B.H. Friedman; D. Lane; R.H. Murphy; A.S. Uppal; R. Baschuk; A.H. Beghin; R.B. Bodnar; R.O. Burt; L.R. Dacombe; A. Ittipiboon; B.M.J. Keady; D.E. Mathers; C. Mills; T.F. Raabe; B.C. Wiebe; P.A. Wright; J.P. Bockstaal; J.G. Cross.

Licences Issued

J.C. Burford (Alta.), F.J. Dusel (Alta.), B.R. Emery (Alta.), M.D. Gallant (Que.), R.E. McCallum (Alta.), S.B. Satrom (Pennsylvania), R.G. Skrentner (Minnesota), P. Szana (Que.), S. F. Jim (Ont.), E. Czerkowski (Ont.), G.W. Ilott (Que.), J.K.M. Mah (B.C.), A.T. Abrera (Ont.), H. Balodis (Ont.), T.C. Ip (Ont.), J. Kaston (Alta.), J.E. Moore (Sask.), R.C.A. Nethercot (Ont.), V.S. Platek (Que.), M. deChamplain (Ont.), R.G. Fair (Que.), R.A. Filgate (Alta.), A.D. Reid (Ont.), C.A. Hodgson (Alta.), K.J. Lloyd (B.C.), J.A. Axelson (Minnesota), J.E. Otter (Ont.), K. Koo (Ont.), J.J. McMahon (Sask.), D.E. Rice (Alta.), J.M. Rubes (Ont.), M.V. Stribrny (Alta.), F. Moneta (Alta.), C.E. Cook (Ont.), E.H.E. Halewijn (B.C.), D.G. McInroy (Ont.).



Councillor Bob Foster and files.

Curling Bonspiel
Tuesday, January 11, 1983
Guaranteed —
four 6-end games

Engineering Graduates Enrolled

B.E. Duke; G.W. Klym; D.J. Joyce; D.W. Spencer; T.J. Wilson; G.A. Barnett; R.B. Bittner; K.A. Dickson; E.B. Fetterly; G.A. Abraham; T.O.P. Bialek; R.J. Fingas; J.D. Garroni; M.C. Lai; J.C. Priest; V.D. Szaura; B.W. Hicks; B.A. Mulder; C.B. Rist; B.C. Scott; K. Tsang; B.P. Berestiansky; W.J. Lewis; E.B. Webb; H. Behlke; M.R. Hawrysh; D.W. Peters; K.W. Pidhirniak; R.J. Senez; F.P. Shum; G. E. Ruchkall; R.L. Soviak; J.L. Flynn; A.R. Gibbs; T.A.A. Janis; D.J. May; D.W. Strom; J.N. Wachowich.

25 Years Ago

A capacity crowd attended the Association's Fall Frolic at Jack's Place. Ken Hallson and Tom Weber shared the master of ceremonies' duties. Bob Gottfred won the Style Award and Craig Sommerville won the Good Housekeeping Award. Jack Hoogstraten spent part of the evening in the makeshirt gaol, presided over by Judge Scottie Borgford. Evan MacKenzie was on the committee in charge.

Mrs. Antenbring was President of the Engineers' Wives Association.

J. C. Warren and H. R. Hopper were registered. Mac Collison came down from Flin Flon to attend the annual meeting. Gordon Christie, Editor, presented the report of the Bulletin Committee at the annual meeting.

The Minister of Finance in Ottawa, after receiving several engineering (and other) delegations, introduced an amendment to the Income Tax Act permitting the deduction of professional fees.

George Tough was appointed photographer of the Bulletin. Jack Hoogstraten resigned from Council in order to assume his new position as President of Nova Scotia Technical College in Halifax. The July issue of the Bulletin shows a picture of Ed Welter "explaining some of the fine points of the game to Bill Lynn and Ray Williams."

Walter Saltzberg was enrolled as an Engineer in Training.

Update of "Professional Financial"

Celebrating two years of progress in financial services for professionals, a new headquarters at 233 Kennedy Street, ground floor, Medical Arts Building, has been opened (former Bank of Montreal).

As of November 5, 1982, the membership was at 405 with deposits at the four million dollar mark with most out in loans and mortgages.

Near Tragedy

The Editor of the Bulletin, R. A. Kane, P. Eng., was recently involved in his favourite extra-curricular sport, hockey, when a high-flying puck caught him in the eye. As the well-being of the Winnipeg office of the Trane Company rests on Mr. Kane's shoulders, this accident could have had disastrous results for his firm.

We are pleased to report that while Mr. Kane received five stitches to his damaged eye, he will suffer no lasting disability.

This episode adds a new twist to the old adage "A stitch in Kane saves Trane."

J.L.

COUNCIL MEETING OF NOVEMBER 8, 1982

By B.V. Halkewycz, P. Eng.

Immediately prior to commencing the November meeting of Council, a short remony was held wherein Ken Jardine officially turned over the president's gavel to Dave Cross. Eight members of Council were in attendance where the formal meeting started shortly after 3:40 p.m. Council members reviewed the amended agenda and approved the minutes of the October 12 and 15, 1982, Council meetings.

First on the agenda were reviews of licences, engineering graduates, transfers, registrations and reinstatements. In that this was the first official meeting of Council following the annual general meeting, a number of questions for information were asked from new Councillors, particular dealing with the licence exam.

Mr. Ken Jardine went through the C.C.P.E. report for 1982; two items in this report were of particular interest to Council members, the first item dealing with the statement of revenue and expenses for C.C.P.E. for the year 1983. In reviewing the statement it was decided by Council members that there was some confusion as to various programs and that Ken would inquire from C.C.P.E. at its next meeting as to these program aspects

of their budget. The second item in the C.C.P.E. report dealt with C.A.B. and its discussions with the E.R.B. (Engineers' Registration Board) and other British Engineering Institutions with reference to acceptance of accreditation systems. Glenn Morris led discussion on this matter and highlighted the point that the British Engineering Institutions, not having C.A.B., are trying to improve their accreditation system and have been involved in discussions with Canadian engineering institutions such as C.C.P.E. and C.A.B. on this matter.

Next on the agenda Council dealt with an invitation from Dean E. Kuffel of the Faculty of Engineering from the University of Manitoba, wherein he invited Council to nominate two members to the faculty conference for the 1982/83 year. A motion was made, seconded and carried to nominate the Registrar and Fred Jost to this committee. This appointment started the process of nominating and filling numerous other committees for the 1983 year. Following a jim-dandy discussion as to verbalizing the terms of reference of the Nominating Committee, it was decided that the following will become members. Past Presidents R. Isaak, K. Jardine and J. Lewis, R. Stokes,

Calling All Golfers

The Sports Committee is considering organizing a golf tournament at Falcon Lake in 1983 and supplying buses to transport golfers from a pre-determined location (shopping centre parking lot) to Falcon Lake and return. Members' opinions for and against would be appreciated.

FOR AGAINST

(Please clip and return.)

C. Bouskill, R. Foster and Frank Roberts. Subsequently, the following committees and boards were reconfirmed and filled: the Practice and Ethics Committee, the Board of Examiners, Continuing Education Committee, Consulting Engineers Committee, Salary Schedule Committee. Individual questions as to membership on these committees can be answered by calling the Registrar's office. It should be noted that a final report is forthcoming from the Committee on Committees as to their review of committees.

With committees now taken care of, appointments for liaison Councillors required some degree of arm twisting. The following decisions were made; Board of Examiners — I. McKay, Consulting Engineers — R. Foster, Continuing Education — E. MacKenzie, Salary Schedule Committee — F. Roberts. Next on the agenda was item 15 i.e. investment of funds. A good deal of discussion took place looking for good deals in investments. Council's decision is best summarized by Frank Roberts' words of advice, "Get the money moving".

Second to last item on the agenda was entitled, "Registration of Engineers in the Public Sector". This is somewhat of a non sequitor in that it would appear that in the province of Manitoba many engineers in the federal public service indeed are not registered with A.P.E.M. It seems that most feds don't believe that one has to be a registered professional engineer to be a professional engineer. I wonder if our fee has anything to do with it. A substantial discussion took place as to methods of enticing the federal public sector engineers to participate in A.P.E.M.; these methods varied from a soft-sell approach, threats of legal action, use of

C.C.P.E. as a potential battering ram, etc. While a decision was reached by Council, this reporter will not let the cat out of the bag at this time.

A non controversial review of the quarterly statement closed the November 18th Council Meeting by 7:35 p.m.



Henry Haak trying to decide which pair of glasses to wear during a committee meeting.



Henry Haak decides what kind of glasses he prefers.

TRUST

The Prime Minister, in Fireside Chat No. 2 says Canadians should trust each other. If they don't trust each other the '6 and 5" program will not work and inflation will be the result. In that case he said only the Japanese, German, and Americans will win.

Perhaps he is right that Canadians do not trust each other. Take the Association for example. Every year it strikes people off the register for non payment of dues. Think of the money that would be saved by not sending out dues notices, reminders and follow-ups by hard hearted people wanting money. All the Association needs to do is trust us. We would



Erwin Weiszmann arriving at the A.P.E.M. office for a committee meeting.

pay our dues (the Prime Minister is sure) and prevent inflation at the same time.

The Prime Minister's ethereal link between trust and inflation may be a little hard for an engineer's logic but is worthy of something.

One tends to be a little skeptical of the immediate success of this new found trait of Canadians until one thinks about the consternation it will cause in the Income Tax Fortress on St. Mary Avenue. Imagine a tax man, if you can, sitting before his T.V. set surrounded by the power of countless laws, regulations, money, lawyers and complacency hearing his Glorious Leader say "Canadians must trust each other". As might be expected there was a run on Extra Strength Tylenol the next day. It is understood that some tax men in the Fortress are adding their own cyanide rather than accept the new Trudeau Doctrine of Trust.

Here are some brand-new slogans for engineers:

"Trust your employer to pay you what you are worth."

"Trust your government to do what is right for you."

"Trust your friendly used car salesman when he says the car you are going to buy was driven by a little old lady on week-end parole."

"Trust the advice of the lawyer who starts out a letter with the phrase 'Without Prejudice'."

"Trust the contractor to do what you wanted done even if you forgot to put it in the specs."

The Prime Minister is right the possibilities are limitless. All you have to do is TRUST.

Flying-Start President

The Bulletin Committee sets deadlines for articles for each issue. Traditionally members of the Committee have met the deadlines, but we have often had to suspend production for as long as a couple of weeks while we awaited the esoteric or erudite outpourings of the president. The deadline for this issue was November 4. President Dave Cross submitted his President's Message on October 26, the first article to be received. The big clue may be he has decided to be neither esoteric nor erudite. That erudite stuff may take a lot of time, as well as showing the rest of us up.

Trilingualism

Ottawa asks engineers in Manitoba, who are taking a 15-20% cut in pay or who are laid off completely, to conform to 6 & 5% guidelines. If only they could. Meanwhile this same government slaps these same engineers with a 40% increase in unemployment insurance premiums. All of this comes to us in Canada's third language, gobbledegook.



Bulletin reporter Joe Lucas thinking about his next article.

IMPORTANT NOTICE

Members who have retired from practice and do not wish to maintain any form of membership are reminded that they must submit their resignations by December 31, 1982, or they will be liable for 1983 annual dues.

Members who qualify for the special category on non-practising membership at an annual fee of \$30.00 are reminded that the form accompanying the 1983 fee invoice must be completed and returned to the office no later than January 15, 1983.

Use Your Seal!

The Practice and Ethics Committee has recommended that members should be reminded that the Act requires each Professional Engineer to seal estimates, specifications, reports, working drawings, plans and other documents issuing from his/her hand, and further that the Code of Ethics requires that his training, ability and experience render him professionally competent to undertake. A member may seal drawings in a discipline that does not correspond with his/her degree, provided that he/she does not contravene the Code of Ethics regarding competence in this regard.

Violations of the Act

Will members of the Association please bring any possible violations of the Engineering Profession Act to the attention of the Association office.