

The Manitoba Professional Engineer

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VOL. II

WINNIPEG, MANITOBA, MARCH, 1959

No. 2

Report from the Membership Committee

HAVE YOU WONDERED?

How many engineers, residing in Manitoba, are eligible for membership but are not registered in and by the Association?

We of the Membership Committee are won-dering.

At present there are about 1,000 registered Professional Engineers in Manitoba. It has been suggested that perhaps another 500 engineers are not registered.

This estimate may be high, it may be low.

In order to answer the question, and to perform its function the Membership Committee proposes:

- To establish contacts in larger firms employing engineers so as to
 - a) facilitate registration of all practicing engineers presently with the firm.
 - b) provide continuing information as to potential members.
- To stress enrollment of Engineers-in-Training. This could result in a higher number of registrations after the qualifying period.
- To collaborate with the Public Relations Committee to maintain an up-to-date membership list and to prepare lists of potential members.
- 4. To consider the idea, and implementation of a member per member campaign.

The committee has more ideas yet in the study stage. You'll be hearing more about these later.

On a blank piece of paper draw a triangle. At the apex print the words "Membership Committee". At each of the other two points print "Members" and "Management". This illustrates the relationships in the membership triangle.

For any membership programme to succeed the triangle must close, that is, the committee must have the support and co-operation of all members to accomplish anything.

Now study again the programme and see how both members and management can assist.

An article of this nature is not complete without some pertinent statistics.

	1
Year	No. of Registrations
1951	.57
1952	74
1953	46
1954	58
1955	77
1956	256
1957	97
1958	123
1939	32 to date

As part of its programme the Membership Committee will feature further articles — progress reports, discussion of interesting and salient points of membership — to increase the awareness of the membership function in the Association.

Are you ITB? That is, in the Blue Book (a most propitious colour choice) of Who's Who in the P. Eng. circles. Our congratulations to the Public Relations Committee for a fine effort. We feel that this book performs a needed service (Even the Membership Committee is using it as a reference!).

If you know of any engineer who is qualified but not a member, please don't wait for a follow-up of the programme. Speak to him, tell him of the Association, answer his questions and direct him to the Association office.

Permanent Quarters Discussion Highlight of Annual Meeting By W. J. ADAMS, P. Eng.

The question of whether or not the Association of Professional Engineers would acquire its own permanent quarters was the most contentious issue of the annual meeting.

Mild discussion was started during the afternoon session, increased in tempo during the cocktail hour and reached a climax during the evening session. Due to this important issue, interest and attendance reached a new high at the evening meeting.

The afternoon session was devoted to hearing the various committee reports. The resignation of the membership committee chairman, R. S. Williams, was tendered, not because of the work load involved but because it was a "mental hazard". A most complete report was received from the chairman of the Public Relations Committee, R. C. Sommerville, which indicated a great increase in activity by this committee. The work of this committee meets the approval of all professional engineers and it is hoped the program will be even greater in 1959.

Prof. W. O. Richmond, past president of the B.C. Association and President of Canadian Council, brought greetings from both organizations. He also outlined briefly the procedure followed by the B.C. Association in acquiring their own permanent quarters.

It may be noted that the afternoon session was of a very routine nature with little or no discussion and was adjourned slightly ahead of the prescribed time.

The cocktail hour was again the time to renew old acquaintances. As is usually the case

with engineers, the announcement that the bar was open was not required. It was interesting to note so many of our older members in attendance and enjoying good health. This especially applied to Mr. G. H. Herriot who seems to be getting younger-looking every year.

The annual dinner was well attended and members and guests were warmly welcomed by President L. A. Bateman. The highlight of the annual dinner was the presentation of Honorary Life Memberships to E. P. Fetherstonhaugh and E. V. Caton. Council also conferred Honorary Life Memberships on W. M. Scott and E. W. M. James who unfortunately were unable to be at the meeting.

An indication of the growth of our organization was the registration of the one thousandth member — Thomas Campbell Elliott. The registration of Mr. Elliott was duly recognized at the annual dinner.

The President's address at the opening of the evening session stressed the need for increased finances to carry out the broader program by the various committees. The main items of discussion were a request to raise the fees from \$12.00 to \$20.00 per year and authorization to spend up to \$60,000.00 for permanent quarters. Reasons for the fee increase as presented by Council were increased operating costs due to an expanded program, decrease in surplus since 1954, increased fee required to build permanent quarters. The meeting passed a motion to amend by-law 32 authorizing Council to submit the fee increase to a letter ballot of the membership.

The acquiring of permanent quarters at a cost of up to \$60,000.00 came up for heated discussion. The questions most often asked and which remained unanswered may be noted as follows: what type of building was proposed? where would it be located? what services over and above those already available would be provided? would it provide only business requirements or business and social services?

Since the investigations into permanent quarters were incomplete, the motion was tabled. A motion that Council continue the investigation and an amendment that a cost comparison between Business alone or Business and Social be considered was carried.

It seemed apparent that the majority of members in attendance were in favor of permanent quarters but felt entitled to a more detailed and accurate presentation before giving authorization to proceed.

W. L. Wardrop was elected President, J. B. Striowski, Vice-President, and C. S. Landon Secretary and Registrar. Others elected to Council were L. A. Bateman, N. S. Bubbis, R. E. Chant and C. M. Hovey. Both R. N. Sharpe and and R. T. Harland have another year to serve on Council before their terms expire.

It is felt that the increase in attendance and the interest shown during the meeting are an indication of its success. Published by the Association of Professional Engineers of the Province of Manitoba 418 — 265 Portage Avenue, Winnipeg 2, Manitoba

President - W. L. WARDROP, P. Eng.

Vice-President — J. B. Striowski, P. Eng.

Secretary and Registrar — C. S. LANDON, P. Eng.

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

Editor: W. J. Adams, P. Eng.

Associate Editors: R. C. Sommerville, P. Eng.; C. R. McBain, P. Eng.; E. Dolhun, P. Eng.
Managing Editor: W. A. Corbett, P. Eng.
Photographers: G. A. Tough, P. Eng.; D. R. Dawson, P. Eng.

President's Message

By W. L. WARDROP, P. Eng.

Council held its first regular meeting on Monday, February 16th, in the Association Office with all members being present. A welcome was extended to Prof. R. E. Chant and Mr. C. M. Haney, new members on Council. Committee work for 1959 has commenced with great enthusiasm. Several of the committees have held inaugural meetings and at least two have decided to meet once each week until their objectives are achieved.

Members are urged to obtain their tickets for the Annual Dinner and Dance which will be held in the Royal Alexandra Hotel on Friday, March 13th. The Social Committee, under the Chairmanship of Evan MacKenzie is in charge of arrangements. Because of increased accommodation there will be no limitation on the number of tickets available.

Plans are being made by the Membership Committee under the Chairmanship of John Adam to stimulate interest amongst engineers with a view to encouraging membership in the Association. If the enthusiasm of this Committee is any indication we can look for a substantial number of new members this year. All members who are eligible for membership should consider it an obligation to their profession to become active members of the Association, whose main purpose is the just application of the Engineering Profession Act. The extent to which our right to practise is respected by others will depend upon the conduct of each individual member and upon the group action of our Association. The most effective way to accomplish this objective is for all members to become thoroughly acquainted with the various sections in the Act. If we are to be strong we need the support of everyone in our profession. We must encourage our fellow engineers to take an active interest in the Association.



Tom Weber and Jim MacBride are shown shortly after they signed a contract with the Social Committee for entertainment at future dances. Both engineers have reservations for the Annual Dance on March 13th and we are anxious to see what new routines they have planned:

There are many pressing problems to be solved and Council intends to pursue these diligently and endeavour to work out a satisfactory solution. The enlarged Council will help provide closer liaison with the work of the various Committees.

One of our problems results from the fact that all members do not follow the intent of certain sections of the Act, for example, Section 19 states:

"Every person registered under this Act shall have a seal, the impression of which shall contain the name of the engineer and the words 'Registered Engineer, Province of Manitoba' with which all estimates, specifications, reports, working drawings, plans and other documents issued from his hand shall be sealed".

If this procedure were followed by every member in the Association, how much easier it would be to control the "Practice of Professional Engineering" since it would follow that those drawings, specifications and other documents not containing an engineer's seal were prepared by persons who were not entitled to do so. Today there is considerable professional engineering work being carried out by persons who are not members of the Association or by persons who are not under the direct personal supervision of a professional engineer. If our Association is to fully achieve ints rightful purpose we as members must be alert to the infractions of our Act. It is the members' duty to bring such matters to the attention of the Registrar so appropriate action can be taken.

With regard to the phrase in the Act which states "Under the direct personal supervision of a professional engineer", it should not be assumed that this gives the right for a civil engineer to supervise mechanical work or vice versa. While our Association does not register engineers under specialities (civil, electrical, mechanical, etc.) the rules of practice and ethics govern against such situations. Then again there is a limitation as to how much work an engineer can personally directly supervise. Let us not be complacent when it comes to matters of our profession. Our profession will be only as good as we make it. We must continually strive to maintain the highest possible standards for in this way we will gain the greatest public respect for the profession.

SIDE VIEW OF W. J. ADAMS

Local Consultant Called in for Bulletin

By R. C. SOMMERVILLE, P. Eng.

To head this year's Bulletin Committee, a local consulting engineer has been called in (out of the rain). William (Bill) James



W. J. Adams, P. Eng.

Adams is the new editor of Manitoba's glossiest newspaper, following in the footsteps of Bill (live wire) Dickens and Gord (hot air) Christie. Widely known in Western Canada, Bill heads a local stable of consulting engineers.

Your editor was born in Newdale, about 15 miles west of Minnedosa, Manitoba, attending school there until enlisting in the R.C.A.F. Upon discharge he entered the University of Manitoba, graduating in 1950 with a B.Sc. in Civil Engineering. He has been with the consulting firm of Underwood & McLellan since then and is now Winnipeg manager. He joined the Association in 1952 and is also a member of the Engineering Institute of Canada. For the past year he has served on the Bulletin Committee as Associate Editor.

Bill is married and has three children and a dog. His wife, Barb, reports that Bill's outstanding accomplishment is his ability to be conveniently called out of town whenever one of the family comes down with measles, mumps or chicken-pox. The most discriminating member of the family is the cocker spaniel who refuses to drink our local water. Those of you who were fortunate enough to attend the first Fall Frolic will recall Bill's pride on being presented with an award for housebreaking this same spaniel in only six months.

His friends know Bill as a real athletic supporter. He once managed a prominent local amateur boxer and still maintains an interest in curling, duck shooting and poker. His passion for ducks flagged somewhat two years ago when he and a friend of his left the Fall Frolic to catch the opening of the duck season. They spent the night and most of the morning wandering about the marshes and shot nary a bird. The shock of leaving the warm atmosphere of the Fall Frolic for the cold dawn was too much for Bill and he spent the subsequent week in bed with the flu. It is significant to note that at last year's Frolic, when his Cinderella friend left at midnight, Bill sat it out. (He said he didn't want to miss the bunny-hop).

Genial is the word to describe Bill Adams. This quality, together with his demonstrated ability to get things done, will undoubtedly make a real contribution to the future of this newspaper.

Public Relations Committee

By R. W. HUTCHINSON, P. Eng.

The public respect afforded your profession is proportional to the effectiveness of its Public Relations Program. The Engineering Profession, perhaps more than any other, has a need for a solid public education program. Our very name "Engineer" has a broad application used to describe anybody from a locomotive operator to a rocket scientist. Most of us do not deal directly with the public and hence our exact function is not clear to many people.

The responsibility of good public relations rests not only with Council and the Public Relations Committee, but also with the membership at large. One of the most encouraging signs in recent years is the increased interest the Professional Engineer of Manitoba is showing in his Association. More members are active in committee work than ever before and there is a healthy affirmative attitude toward many worthwhile projects. For example our Committee at present is offering a Career Advisory Program for high school students. It consists of members giving engineering career talks at high schools in Greater Winnipeg. The response to our request for speakers has been most gratifying and this program is providing sound guidance for future Engineers as well as helping many Professional Engineers to develop their ability to speak in public and enhance their Profession.

The Public Relations Committee is very pleased at the wonderful reception given the recently issued Membership Roster. However, there have been some complaints, principally the omission of a few names, especially in the Business Directory Section. Of course, this was not intentional and most of these cases can be explained as follows: if a card was not received from a member by the deadline a dummy card was composed from the Association files listing his name only. When the card arrived after the deadline, but before press time it was possible to insert the additional information into the more flexible front part, but not in the rear section. The Association is keeping a record of all errors and omissions brought to its attention, and these will be corrected in the next edition.

No doubt there are a lot of good public relations ideas in the minds of our membership. Please send in your thoughts to the Association office marked for the attention of the Public Relations Committee and they will receive serious consideration. Remember we are actually one Big Public Relations Committee.

ENGINEERS IN TRAINING

The following have been enrolled as Engineers in Training:

J. E. Konrad, L. H. Pakulak, M. A. Peters, R. M. Stefanick, L. Mak, E. M. Lechman.

LICENCES

Temporary licences to practise have been granted by Council to the following:

B. B. Shapiro (U.S.A.); K. F. Tupper (Ontario); R. A. Pillman (Ontario); C. D. Carruthers (Ontario); L. R. Howson (U.S.A.); R. I. MacDonald (U.S.A.); G. J. Toman (U.S.A.).

ENGINEERING PUPILS

The following have been enrolled as Engineering Pupils:

D. G. Burdeny, J. D. Hill, B. K. Laxdal, E. Romaniuk, D. F. Whalley, B. J. Rossen.

1959 COUNCIL

(Standing, left to right)

N. S. Bubbis, L. A. Bateman

R. T. Harland, R. N. Sharpe

J. B. Striowski, C. M. Hovey

(Seated, left to right)

W. L. Wardrop, President

C. S. Landon and R. E. Chant



Northern Employment

The Yukon Territorial Government wants to obtain the services of two engineers. Would interested parties please contact the office for complete details.

The Canadian Good Roads Association invites applications for six scholarships to be awarded this year for postgraduate studies in the highway sciences in the academic year 1959-60.

Application forms may be obtained from the Canadian Good Roads Association, 270 Mac-Laren Street, Ottawa 4, Canada. Applications must be submitted on or before May 1, 1959.

TWO LECTURES

Dr. Mario G. Salvadori will give two lectures in the Agriculture Auditorium on the University Campus on Monday, March 23rd: 3:30 p.m.—Structures — How to Understand them, design them and build them. 8:30 p.m.—Art and Science in Modern Architecture.

Members of this Association are invited to attend these lectures.

+ + + NEW MEMBERS

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

R. Lazar, T. W. Algeo, R. A. H. Hayes, H. C. Lane, Z. Przygoda, J. D. Russell, K. R. Rybka, C. N. Simpson, A. R. Smith, R. R. Taylor, J. R. Tulloch, N. J. Allison, D. W. Craik, J. B. Crucq, H. E. Dishaw, P. E. Ebbehoj, T. C. Elliott, B. T. Kerr, A. Kriger, G. E. Midgley, T. K. Norbury, J. C. Sproule, H. F. Zurbrigg, S. P. Baker, N. Bobey, D. C. Campbell, R. A. Chaney, A. F. Eshmade, J. C. Gillespie, L. E. Hanson, R. A. Hewett, R. V. Houghton, C. D. Hughes, B. R. E. Kerns, T. W. Klym, H. A. Krentz, W. J. McQuay, T. R. Masuda, J. D. Mishtak, J. H. Nicholls, I. Reinart, J. N. Riddle, T. D. Rooke, H. F. Stewart.

TRANSFERS

The following have been admitted to membership by transfer from other Associations:

F. C. Loring (Ontario), I. Thomassen (Ontario), R. H. Banks (Quebec), P. A. Brett (Alta.), R. W. Kerr (Ontario), C. R. McIntyre (Ontario).

FLIN FLON NEWS By M. N. COLLISON, P. Eng.

I enjoyed my brief sojourn in Winnipeg at the time of the annual meeting of this association and would like to congratulate the gentlemen who provided such an entertaining evening. It is always a pleasure to renew old acquaintances and to make new ones.

Shortly after returning from Winnipeg and while at Snow Lake, I had the misfortune of spraining an ankle. Whether or not there is any truth to the statement about prevention of turning ankles by not turning the head for a pretty nurse, is a story that remains to be proven.

George Kent, P. Eng., also reports having had a most enjoyable time in Winnipeg, where he took in the bonspiel. George maintains they stuck pretty close to curling this year, but there is some question about who slept in what bathtub with their clothes on.

Albert Koffman, P. Eng., is now back at work following his annual jaunt to sunny Florida. He reports that winter vacations to warmer climates are the real McCoy. He strongly recommends them as they definitely tend to make for a shorter winter.

We understand from the local newspapers that Don Wright, P. Eng., has been having his troubles this winter with broken water mains in Flin Flon's water system. Don is town Engineer.

W. A. Green, P. Eng., Vice-President, along with Eric Austin, P. Eng., General Manager, HBM & S, took part recently in the official opening of Flin Flon's 27th Annual Bonspiel. Mr. Green was in town on business.

PINE FALLS By N. B. Ede, P. Eng.

F. L. Morton, P. Eng., Assistant Plant Engineer, has been transferred to Abitibi Power & Paper Company's Mill at Iroquois Falls, Ontario, to take up a similar position.

Ontario, to take up a similar position.

In keeping with the rest of the country Pine Falls will be experiencing an upsurge in construction this year. The Manitoba Paper Company has several projects in the preliminary and design stages for further modernization and increased efficiency of their newsprint mill.

ANNUAL DANCE

Crystal Ballroom, Royal Alexandra Hotel, Friday, March 13th, 1959
6.45 Cocktails 7.45 Dinner 9.00 Dancing

6.45 Cocktails 7.45 Dinner 9.00 Dancing
Please make your Reservations as early as possible

Engineering Student News By K. TITTLER

The U.M.E.S. along with the rest of the student body has been extremely active since the last report on student activities. The main excitement during February was provided by the contentious campaigning for the position of senior stick. The candidates vying for the hallowed position were Murray Duncan, Charlie Lamont and Bob Bevis, and surprisingly enough all three "opponents" were from the third year Mechanical ranks. Since it is the inevitable end that in such a campaign only one man reign victorious, so it befell Charlie Lamont to represent the student body in 1959-60: Congratulations Mr. Lamont.

Despite the seriousness of the regular school work the enthusiasm of the engineers toward sports and social activities was not dampened. This could easily be seen from the record attendance at the various functions held over the last few months.

The Social Committee pulled a little switch this year and held the stag in the first term. This was done primarily to distribute the social activities more evenly over the year and not crowd them all into the final term. It proved to be an instant success and despite the entertainment (none) the boys downed many bubblies and created much chaos.

To honor those fellows who have contributed their efforts, talents, and time to social, sporting and other activities sponsored by the U.M.E.S., an Awards Banquet will be held on March 19th, at the Marlborough Hotel where they will be presented with appropriate awards.

STUDENT TOURS
This year the U.M.E.S. Council instituted a tour program for second year students. Four tours have been conducted to date, and if interest among the students improves, more will be planned for the future.

SPORTS

By DAVE MITCHELL

In the golf tournament the engineers came through in grand style to capture the team championship. The stalwarts responsible for this fine showing were Bryan Weir, B. Mc-Donald, Ken Laily and Gord Crabtree. Con-grats, fellows!

The winter sports, on the other hand, are progressing extremely favourably. The five hockey teams are doing very well with 2 and possibly 3 league winners assured. The Porte Markle Curling event went to Science this year despite a very determined squad from engineering composed of Larry Morison, Alex Robertson, Ken Reinch and Garry Reed. In the basketball department the early indication is that the Senior A's and the Junior A's will emerge victorious.

Due to the very active participation shown by the engineers, we are now in second place in the intrafaculty point race and have high hopes of reaching the top at season's end. In the Inter Varsity competitions it is the key engineering personnel that have kept the teams in winning position. These are Dick Herbert-son, Mitch Czaja, Graham Zelmer, Bill Devries and Lawrence Predinchuk on whose services the Bisons depend. In the volleyball department are George Pratt, Don Drybrough and Bob Zimmerman. Also the Bison hockey team has the capable services of Don Biglow, John Peters and K. Hewitt.

SYMPATHY OR ENVY

When we first heard that W. N. (Bill) Isberg had fallen and broken his wrist while skiing at La Riviere we were most sympa-thetic. We were also filled with admiration for the courage of this gallant engineer who



Bert Gobert is shown signing the register at the annual meeting while Bill Thomas, the Secretary of the Public Relations Committee,

had continued skiing even after his wrist was broken. However, our sympathy waned and turned to envy when we learned that W. N. (Bill) has never had it so good. He can't help with the dishes, he can't shovel snow, he can't bath the four children and put them to bed, he can't even dress himself. Although the doctor has said that the cast can come off in 6 weeks, Bill is trying to keep this a secret and we would not be one bit surprised to see him still wearing it a year from now. We do extend our sympathy to Mrs. W. N. (Jean) Isberg. This probably hurts her a lot more than it hurts Bill.

DEAR MR. ENG

R. H. Banks, P. Eng., recently sent a letter of inquiry to Popular Science Monthly in New York. He very properly put the "P. Eng." after his name. The reply came back addressed to Mr. R. H. Banks P. Eng and the letter began "Dear Mr. Eng". Apparently they assumed that Eng was his surname.

+ + + **COFFEE PARTY**

The Professional Engineers Wives Association would like to extend an invitation to all members of the Association of Professional Engineers of the Province of Manitoba to attend the annual Coffee Party and Tea to be Held Thursday, March 19, 1959 in the Beaver Hall of the Hudson's Bay Company. The ladies hope to give quick service to business people. The Coffee Party will be from 11:30 a.m. to 2:00 p.m. and tea will be served from 2 to 4 p.m. The money raised from this endeavour is to supply two, two hundred dollar bursaries to first and second year engineering students and also to send comforts to fifty indigent T.B. patients at Christmas and Easter. + + +

And speaking of folding tents, we have received several explanations for Craig Sommerville's having lived in three different houses in two months: (a) moving is cheaper than paying rent; (b) he has bought shares in a moving company; (c) he doesn't like to stay too long in one place.

+ + +

One week after he purchased a new car, Editor Adams turned the keys of the car (with 344 miles registered) over to his wife. \$225.00 worth of damage later, Mrs. Adams was trying to convince Bill that the accident had not been her fault, and without much success. Not that Bill is an unreasonable person, but the driver of the other car involved in the collision had parked it at the curb and vacated it several minutes before the accident.

CONGRATULATIONS

To Glenn A. Morris and Donna Lye Morris who were married on December 6, 1958. + +

STAFF APPOINTMENT

W. J. Adams, P. Eng., Editor, is pleased to announce the appointment of N. B. Ede as reporter for Pine Falls. + + +

BRANDON SECTION E.I.C.

A dinner meeting of the Brandon Section E.I.C. was held at the Prince Edward Hotel on February 16th. Guest speaker was W. R. Taylor, Chief Engineer of Supercrete Ltd. Mr. Taylor spoke on precast and prestressed concrete. Slides of various jobs were shown. + + +

VIRDEN NEWS

By L. D. BROWN, P. Eng.

B. E. Oszust, P. Eng., has been transferred to Calgary and J. A. Samaska has been transferred to Edmonton.

TO ALL MEMBERS

Postcards are being mailed with this issue of the Bulletin. After you have read yours, please pass it on to an engineer who is not yet registered.

Ballot Results

At 9:00 a.m. on February 23, 1959, in the Association office, the unopened envelopes containing the ballots were turned over to the scrutineers. The envelopes were all placed face down on the table so that at no time were the names on the envelopes visible to the scrutineers. The envelopes were opened and the ballots counted with the following results:

Total number of ballots cast	533
Spoiled ballots	0
For the by-law amendment	323
Against the by-law amendment	210
Percentage for	60.6
Percentage against	39.4

A two-thirds majority is necessary for rati-

We certify that the above is correct. Scrutineers: A. G. Moffatt, L. M. Harrs, A. R. West, D. R. Dawson.

Letters to the Editor

The Editor:

Manitoba Professional Engineer. Dear Sir:

I understand that the motion to increase our annual dues so that more suitable quarters for the Association may be purchased has been defeated by a small percentage of the votes cast.

This is significant in that it indicates that while a majority of members seem to favor acquiring a building, a two-thirds majority could not be secured because of an appallingly weak selling job by Council. It appears that neither Council nor the Building Committee know what type of building is required, what it will be used for or how much it will cost each year. Someone apparently selected \$60,000.00 as a nice round figure and tried feebly to justify it. This is reminiscent of one of our local cities deciding to spend 6 million on a new city hall and then determining its size. Surely we can expect something a little more professional from our organization. more professional from our organization. If a proper engineering analysis of our requirements is made and a reasonably complete submission made to the membership with a new motion for approval, I feel sure that a sufficient majority can be obtained. -"HOMELESS"