



The Manitoba Professional Engineer

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NO. 7

VISIT TO FLIN FLON

Report on the visit of the Council of the Association of Professional Engineers of the Province of Manitoba to Town of Flin Flon, Manitoba — October 19 - 20, 1957.

The following members of Council were present: Messrs. N. S. Bubbis, President; L. A. Bateman, Vice-President; C. S. Landon, Secretary and Registrar; J. B. Striowski and J. A. Ogden. Accompanying Council was Mr. B. Chappell, Chief Engineer for Canadian National Railways in Winnipeg. Additional visitors were Messrs. George C. Durham, Snow Lake, and J. D. Murphy and Angus MacKenzie of Lynn Lake.

The train arrived, one hour late, at approximately 11 a.m. Members of Council were met by Messrs. A. A. Koffman, R. F. Pearson and M. N. Collison and taken on a tour of the town of Flin Flon, including Phantom Lake, Phantom Lake Golf Course and the Village of Creighton.

Following lunch in the Hudson Bay Mining and Smelting Co., Limited Cafeteria, the members of Council, along with Messrs. Durham and Ben Chappell, were taken on a tour of the surface plants of Hudson Bay Mining and Smelting Co., Limited. In addition to the three



(Left to right) Ben Chappell, Albert Koffman, N. S. Bubbis, George C. Durham.

previously mentioned Flin Flonners, Mr. Hal MacKenzie was also present during this tour. The tour included a visit to the following places: South Main hoistroom, headframe and changehouse, the mill, zinc roasters, electrolytic tankhouse, zinc casting plant, powerhouse and machine shop. The smelter tour consisted of the converters, reverberatory furnace and fuming plant. The tour lasted until 5:30 p.m.

By M. N. COLLISON, P. Eng.

At 8:15 p.m. a meeting was convened in the Hudson Bay Mining and Smelting Co., Limited staffhouse, at which time approximately 25 local members and interested persons were introduced by Mr. M. N. Collison, with the members of Council and Mr. Chappell being introduced by Mr. N. S. Bubbis.

Each of the various members of Council present spoke, explaining the aims and legal aspects of the Association and telling of the program which the Council is endeavouring to instigate. During and following these various talks, several questions were asked by those in the audience and answered by Council.

Following adjournment of the meeting, refreshments were served and a general discussion ensued.

On Sunday morning the members of Council and Messrs. Murphy and MacKenzie of

Lynn Lake were taken in cars, driven by Messrs. L. Parres, J. D. Murphy and M. N. Collison, on a trip to see the summer cabins at Big Island Lake and Bakers Narrows on Little Athapapuskow Lake. Following lunch in the cafeteria, all attended the hockey game between Flin Flon Bombers and Regina Pats, which, by the way, our Memorial Cup Champions lost.

This completed the formal program. The remainder of the time, until the train departed at 9:30 p.m., was spent in general discussion with Messrs. Eric Austin, General Manager; W. A. Morrice, General Superintendent, and M. N. Collison, Consulting Mechanical Engineer, of Hudson Bay Mining and Smelting Co., Limited.

Seven applications for membership were passed out as the result of the meeting, which, should all be accepted, would result in nearly a 100 per cent increase in the number of registered Professional Engineers in Flin Flon.

LYNN LAKE

By JAY D. MURPHY, P. Eng.

Lynn Lake has a prospective television star in the person of Ralph Mitchell, P. Eng., Chief Engineer for Sherritt Gordon Mines. Mitch took a major role in a film entitled "The Crucible" recently completed here under sponsorship of The Anglican Church of Canada. The film was shot almost entirely in Lynn Lake and vicinity and all the parts were taken by local people. Plans are to release it later as a half hour television program on a nationwide hook-up, beaming Mitch into millions of unsuspecting Canadian homes.

Ralph took an active interest in the film-making, as he does in all community activities, and co-operated closely with the film crew in arranging the hundred and one details involved in such a production. When "The Crucible" reaches the television screens a good deal of the credit goes to Mr. Mitchell.

A. E. Gallie, P. Eng., and Mrs. Gallie spent several days duck hunting (not shooting) at The Pas during the month of October. Doc also attended the official opening of International Nickel's Mystery-Moak Lake project while he was out.

Angus MacKenzie's pet project, the new Legion Hall, is coming along nicely and should be completed by Christmas.

A. G. MacKenzie, P. Eng., and J. D. Murphy, P. Eng., attended the meeting in Flin Flon during the recent visit there of members of Council. The Lynn Lake delegates stayed over Monday, and through the co-operation of the Company, were able to tour the underground

workings at South Main Shaft and take a brief trip through the mill and smelter. The hospitality of the engineering staff of Hudson Bay Mining and Smelting Company was greatly appreciated.

Mrs. Murphy accompanied her husband to Flin Flon where she visited with her parents, Mr. and Mrs. Lloyd McArthur.

WINNIPEG

At the Annual Meeting of the American Public Works Association held in the City of Philadelphia on September 23, 1957, W. D. Hurst, P. Eng., was elected Vice-President of the Association.

Alex Campbell, P. Eng., Vice-President and Manager, Western Division, Dominion Bridge Company Limited, has announced the retirement of H. M. White, P. Eng., Chief Engineer, Western Division. Mr. White has served the Company continuously for 47 years and will be retained in a consulting capacity until March 31, 1958. J. C. Trueman, P. Eng., has been appointed to the position of Chief Engineer, Western Division, succeeding Mr. White.

NORTHERN VISITOR

M. N. Collison, P. Eng., this newspaper's star reporter from Flin Flon was a recent visitor in the city, combining business with some Christmas shopping and renewing acquaintances with local engineers.

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418 — 265 Portage Avenue, Winnipeg 2, Manitoba

President — N. S. BUBBIS, P. Eng.

Vice-President — L. A. BATEMAN, P. Eng.

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

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

Editor — G. T. CHRISTIE, P. Eng.

Managing Editor — W. H. DICKINS, P. Eng.

Associate Editors — E. M. Scott, P. Eng.; R. C. Galbraith, P. Eng.

The Projected Future

It was recommended that the subject of space projectiles and the place of the engineer with regard to this field be treated as an editorial topic. However, as a major concern in this regard at the moment rests with the competitive progress between the Western countries and Russia, our thoughts turn to the problems involved in advancing Western, and in particular, Canadian scientific knowledge.

According to reports coming out of Russia lately, no expense is spared in providing engineering and scientific training facilities; following this, particular emphasis is paid towards seeing that any worthwhile research project is well staffed and equipped. Obviously, from a successful and continuing basic research program a rapidly accumulating source of information becomes available for practical application. This approach would be expected to recur through the practical development stages where additional scientific professions are found.

Basically, and on a proportional basis, the Western allies need to create the same effect as soon as possible. Our profession in recent years has had a fair amount of publicity outlining the shortage of engineers and the good jobs available with the result that, for instance, the University of Manitoba this year finds

itself with 360 first-year students. It is reasonable to expect the rest of the Canadian universities have had the same jump in enrollment. These students are needed, and a proportionate increase in successive years will demand facility increases at a time when the universities are barely getting straightened out.

From these brief considerations it would appear that:

- (a) Funds for universities in keeping with an accelerated training program are an immediate requirement.
- (b) An increase in the number of research projects is required to move us ahead.
- (c) Competitive and attractive salary scales are necessary in the universities, and in the research and development centres in order to attract adequate and well-qualified people into these spheres of professional endeavour.

As the need is urgent and is probably the result of a political requirement, for the politics involved are represented by the Western capitalistic and competitive philosophy, then it would appear that the financial subsidising of the various problems discussed herein would best be made from Federal sources.

—G.T.C.

Letters to the Editor

Dear Sirs:

Pine Falls, Man.

Your last bulletin contained an editorial to which I take exception. This editorial stated that we had no right to question why we should pay fees for membership in the organization as it was the law that in order to practise engineering in Manitoba it was necessary to belong to the organization.

Even if such were the case, which it is definitely not, it is still right and proper for us to know what benefits may be derived therefrom for the price of our membership. This is a much different case than buying a licence to drive a car. The car license is a tax which goes toward up-keep of roads on which to drive the car and without which the car would be of no use. This is not the case with our licence as you so call it.

As a member, therefore, I request a clear answer as to what benefits we derive from the money which we send to you as fees.

J. R. SHAW, P. Eng.

Editor's Note: Article 12 (1) of The Engineering Profession Act reads as follows: "Only those persons who are members of the Association or who have received a license from the Council as hereinafter provided, shall be entitled within the Province of Manitoba to engage in the practice of professional engineering, or to take or use the title of professional engineer or any abbreviation thereof."

SNOW LAKE

C. S. Crocker, P. Eng., our reporter in Snow Lake, reports that G. C. Durham, P. Eng., attended the recent meeting with members of Council in Flin Flon.

NEW MEMBERS

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

D. R. Cameron, A. W. Bell, J. E. L. Evans, J. Samaska, R. A. Hield, E. Sherwood, F. J. Farish, T. W. Godfrey, R. M. MacIntosh, P. C. Slinn, T. B. J. Kruselnicki, H. J. Bredin, J. G. Wall, P. Noel, N. H. Kearns, J. H. Brown.

ENGINEERS IN TRAINING

The following have been enrolled as Engineers in Training:

M. B. Raber, M. Dacenko.

ENGINEERING PUPILS

The following have been enrolled as Engineering Pupils:

J. D. Blair, E. Klassen, J. R. Stephenson, M. A. Ward, D. W. Whitmore, E. M. Lechman.

TRANSFERS

The following have been admitted to membership by transfer:

R. L. Robinson, Alberta; H. R. Douglas, Quebec; J. W. J. Lewis, Quebec; H. F. Wheaton, Saskatchewan.

LICENCES

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

G. W. Billings, Ontario; D. A. Barnum, Ontario; L. C. Cameron, Alberta; K. R. Burns, Saskatchewan.

TRANSFERS TO OTHER ASSOCIATIONS

G. N. Range, Ontario; M. Moorhouse, Quebec; D. Hunter, Ontario; J. A. Peebles, Quebec; W. A. Joa, B.C.; L. H. Clifton, New Brunswick.

A Message from the President

By N. S. BUBBIS, P. Eng.

We are coming to the end of another year, a year which has been a very busy one for your Council and which is marked by further progress of your Association.

While detailed reports of all our committees will be presented at the annual meeting on Jan. 16th, it would perhaps not be amiss to review briefly this year's activities. All of last year's standing committees were re-appointed and have actively pursued their tasks. In addition, the following new committees were established and have been working hard: Plan for Unity Committee, Certification of Technicians Committee, Professional Ethics Committee, a special committee assisted Council with a brief submitted to the Royal Commission on Flood Cost Benefit, a joint standing committee of the Manitoba Association of Architects and our Association has been set up. Another committee under the chairmanship of T. E. Storey, P. Eng., has been reviewing the Association's constitution and by-laws to determine whether any changes are required.

Another innovation this year was the meeting of Council members with engineers in Northern Manitoba held recently in Flin Flon. This was a most successful venture and is further evidence of the changes that are being brought about by the development of our Province.

Council this year also decided to establish a closer liaison with engineering students at the University and with new graduates. Early this year a letter was sent to every graduate, inviting him to join the Association as an engineer in training. This was followed by a personal appeal by your President at the Kipling ritual. Recently a meeting with the 3rd and 4th year engineering students, which we hope will become an annual event, was held at the University under the chairmanship of Dean A. E. MacDonald, P. Eng. Your Association was represented by Dr. Landon, P. Eng., R. H. Russell, P. Eng., Chairman of the Public Relations Committee, and your President. The objectives of the Association were outlined to the students and they were invited to become student members. This meeting was well attended and the numerous questions which followed indicated the students' keen interest. As a result of these efforts, I am pleased to report that we have had a considerable number of applications for both engineers in training and engineering pupils.

I recently attended a meeting of the Executive of the Canadian Council of Professional Engineers, at which a number of important matters were discussed, including the hiring of a secretary and the setting up of a permanent office early in the new year. I can also report that the Canadian Council's Committee on Unity, under the chairmanship of John Fox, P. Eng., has met with the E.I.C.'s representatives and further meetings are to be held shortly.

I would like to call your attention to the Salary Survey Questionnaire which you have all received recently. Would you please assist by filling this out immediately, if you have not already done so, and return it to the Secretary. This annual salary survey is beginning to assume greater and greater importance since industry, as well as government, is beginning to pay closer attention to the results and it is therefore essential that this survey be as complete and comprehensive as possible.

Finally, may I take this opportunity on behalf of both myself and Council to wish you and your families a very Merry Christmas and the best in the New Year.

A Hard Working President

Another chapter in the history of this Association has almost been written as the year 1957 draws to a close. This has not been the record-breaking year as was its predecessor, 1956. The year 1956 was a singular one in the history of this Association and many of its achievements will never again be duplicated.

When N. S. Bubbis, P. Eng., was elected President at the last annual meeting, there were those who thought that he would be working under a serious handicap during his term of office. Many of the achievements of 1956 could not be duplicated. The year 1957 could easily be a year of anti-climax. But N. S. Bubbis has not for one moment given the impression that he was working under any handicap. He realized that this Association had reached and passed a milestone in its history and that while 1956 was indeed a memorable year, 1957 could also be a year of achievement and growth. Mr. Bubbis has the drive and energy that the role of President needed in order to prevent 1957 from being a year of anti-climax, a year during which the Association rested on the laurels of the previous year.

Mr. Bubbis is an extremely hard worker and it is doubtful if many presidents in the history of the Association have devoted more time to the Association's affairs than the present incumbent. He has familiarized himself not only with the functions of Council and the by-laws of the Association, but also with the endeavours of the various standing committees. As president, he is automatically an ex-officio member of all standing committees and has attended a great many committee meetings during the year. He has tried to keep in touch with the Committee Chairmen and the progress the Committees were making in their various lines of endeavour.

From the time he took office it was apparent that this year of 1957 was not going to be one in which the Association would merely mark time, and this has proved to be the case. The Association has marched ahead with firm strides. There have been more applications received and more members admitted during 1957 than in any year in the Association's history, with the exception of 1956. A record number of licences was issued in 1957 and a record number of engineers in training enrolled.

One of Mr. Bubbis' ideas which became a reality was the trip to Flin Flon by members of Council, details of which will be found elsewhere in this edition. This proved to be a most successful venture and it and others that may follow will certainly do much to make those engineers who are not resident in Winnipeg feel more a part of this Association.

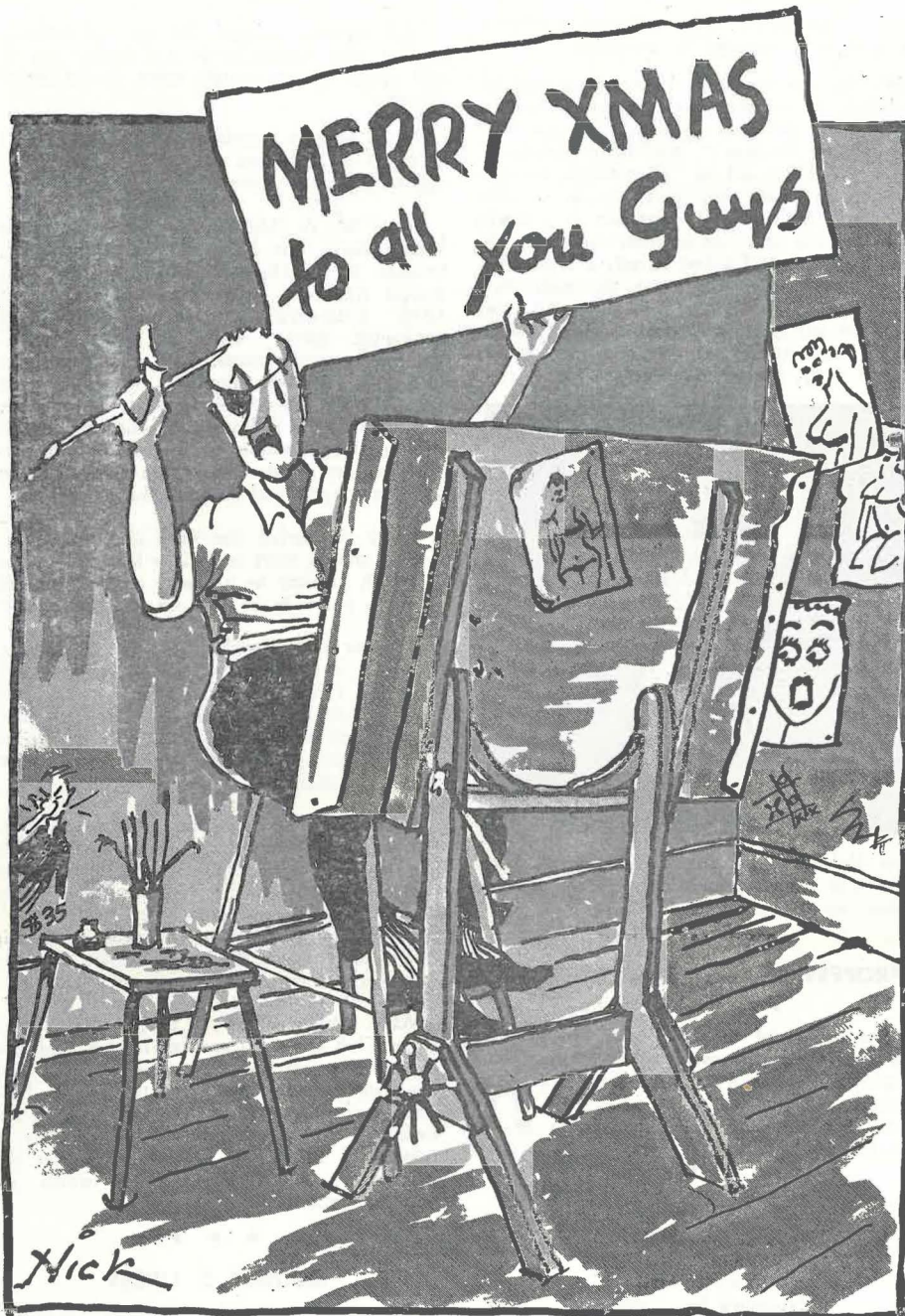
Mr. Bubbis has twice represented this Association at the annual meeting of Dominion Council (now the Canadian Council) and at the 20th Annual Meeting held in Halifax this year, he was elected Executive Member. An outline of the work he has done in this field would fill another column of this paper.

This has been a busy and an active year for the Association with a busy and an active President at the helm.

♦ ♦ ♦

SPORTS HIGHLIGHT

Tom Maftchuk, an engineer in training with this Association, won the coveted Scott Trophy in a recent tournament at the Winnipeg Badminton. The Scott Trophy is awarded to the winners in the mixed doubles event. Tom added to his laurels in the same tournament by winning the men's doubles event as well.



SECRETARY REQUIRED

CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS

Applications will be considered by Canadian Council of Professional Engineers for a full-time Secretary.

QUALIFICATIONS

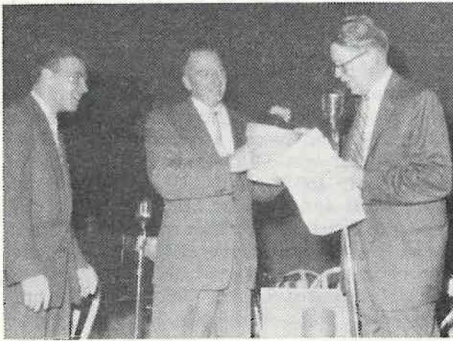
- Registration as a Professional Engineer, while desirable, is not essential.
- Should be of mature years with initiative, personality and a synthetic mind.
- Should possess secretarial experience related to profession.
- Should be able to meet and address the public and while bilingual ability is desirable, it is not a necessary qualification.

Salary for this appointment will be commensurate with qualifications. Applicants are requested to give full details of qualifications and experience and state salary desired, addressing same to: Selection Committee, Canadian Council of Professional Engineers, 236 Avenue Road, Toronto, Ontario.

FALL FROLIC

By W. A. CORBETT, P. Eng.

The opinion of many who were present at both last year's and this year's frolic was that the last one was a toned-down version of the former. Not near as many faltering step or glassy eye, could possibly be the interpretation of these observations. Anyway, it was more sedate. One of the reasons might have been the absence, to a large measure, of the younger Engineer who is still bolstered by the fallacious maxim that we are endowed with a special consumptive ability to "Demolish 40 Beers". The elders among us have long since found that this path leads only to oblivion.



To Ray Williams, who did not summon the Mayor when his wife had his favorite tree chopped down, went the Horticulture Award. Making the presentation is Ken Hallson while Evan MacKenzie, Chairman of the Award Committee, looks on.

Another reason for the comparative solemnity of the evening was that it is impossible to build up a head of steam, eat a veal cutlet supper at 10:30 and then barrel on to a raucous climax without hitting a slump. Perhaps, however, it is a good idea to eat at this hour. It probably deferred the introduction of several members to the minions of the law on their homeward journey.

Before too many get the idea that the evening was comparable to a rather dull wake, we had better set the records straight. Everyone we talked to said they had a good time. It was obvious, too, from looking around the room at the old Paradise Gardens, alias The Village, alias the Copacabana, that the entire crowd of 300 was enjoying itself. The exceptions, of course, were the members Messrs. Burrows, Adam, Butcher, Kay and Williams. These were the gentlemen who received awards based on "novelty of achievement, humour and originality". Up until presentation time, they were observed with the expression on their faces of someone who has every reason to believe that he has eaten something that is going to make him ill. This is understandable since, although they knew they were receiving an "award", they didn't know for what. After last year's awards, it would make anyone wonder, "Just how far will they go?" and "If they do bring that out, can I sue?"

It wouldn't appear that anyone was offended by this year's awards but a word of caution to those who will make nominations next year — remember, it is all in fun. Make an example of a person and he may come back and nominate you for the "lush" of the year. Might get out of hand.

While we are on awards, another suggestion was made regarding their presentation. Some of the audience obviously are fully aware of the recipients' "qualifications" for the award and are greatly amused. Others haven't a clue and must try to dig for the meat of the thing after it is all over. The suggestion is, then, that the M.C. present the lead-up in a plain straight-forward manner so that every-

one is in the picture. The reading of the award could then be enjoyed by everyone.

We have some notes here on various individuals, those faces most frequently seen at the bar, the rock and roll exponents, the wall flowers, the "Caruso's", the "table travellers", the early leavers, and the "what-do-you-want-to-go-home-for-yet-it's-only-one-thirty's". But when you look it over, everyone at a dance or party falls into one of these categories. So the singling out of a few is only a representation of everybody. And since the mentioning of names can neither add to nor take away from the enjoyment of everyone at the dance, we will end on this note of anonymity: It was a good party. See you next year.



Ken Hallson, Chairman of the Social Committee, is shown presenting the Safe Driving Award to Al Burrows.

PROFESSIONAL ENGINEERS' WIVES ASSOCIATION

The Senate of the University of Manitoba has confirmed the award of the Professional Engineers' Wives Association Bursaries in Engineering to Edward Stan Smendziuk of the first year and Zygmund Domaratzki of the second year.

COFFEE LUNCH

Thursday, February 13, 1958
11:00 a.m. to 4:00 p.m.
Beaver Hall
Hudson's Bay Company

CONGRATULATIONS

To Mr. and Mrs. G. Cumming on the birth of a son, Gordon Clifford.

To Mr. and Mrs. I. B. Henderson on the birth of a son, Ian Herbert.

To Mr. and Mrs. R. E. Gottfred on the birth of a daughter, Sheila Jean.

To Mr. and Mrs. A. C. Warrender on the birth of a son, Robert James.

To Mr. and Mrs. H. Dederer on the birth of a son, Peter James Alexander.

MOVING?

PLEASE NOTIFY THE OFFICE OF ANY CHANGE OF ADDRESS. Every month mail is returned from members who have moved and left no forwarding address. When you move, please advise the Association office either by letter or by telephone.

FLIN FLON NEWS

By M. N. COLLISON, P. ENG.

This reporter enjoyed the visit of Council to Flin Flon tremendously and I feel that it will prove of considerable value to the Association.

The news this month is a thumbnail sketch of two Flin Flon men who have recently been registered by the Association.

First, W. A. Morrice, or Sandy as he is known here, was born in Lomay, Scotland, brought up in Hamiota, Manitoba, and graduated from the University of Manitoba in 1936. Following graduation, Sandy did geological survey work for the Dominion Government, taught high school here in Flin Flon and was employed by the Hudson Bay Mining and Smelting Co., Limited in 1940. In 1951, following a tour of duty in geological exploration, he was made Mine Superintendent of the Flin Flon mine and in 1957 was appointed General Superintendent.

Sandy is married, has three children, is active in church work and likes to shoot ducks, at which pastime he probably comes closer to shooting par than he does on the golf course.

Another new member, W. H. Kasperski, was born at Admiral, Saskatchewan, graduated from the University of Saskatchewan in 1949 with a B.Sc. in mechanical engineering. Bill has been employed by the Hudson Bay Mining and Smelting Co., Limited since graduation as a field engineer.

He is married with two children, a good bowler and a boat builder of local repute. He has just recently resigned his position here, and also as secretary of the Willow Park Curling Club, and is leaving November 30th for Selkirk, for which the Manitoba Hydro Electric Board have hired Bill as Assistant Resident Engineer for their new steam plant there.

As a member of the E.I.C., the Flin Flon Lions Club and the Canadian Legion, and also as a fellow employee, he will be missed by his many friends here. With the Legion Hall being badly damaged by fire last Friday night following two parties, one of which was in honour of Bill, there are several stories circulating around town concerning which one was the hottest.

GEORGE C. LIPSEY

After some 34 years of service with Britannia Mining and Smelting Co., Limited, George C. Lipsey, P. Eng., has resigned as Vice-President and General Manager and is taking up residence in Vancouver, B.C.

Since 1924 Mr. Lipsey has been continuously associated with the Britannia and Howe Sound Companies.

GUESTS

The following members have visited the office and signed the Guest Book:

W. J. Adams	P. C. Campbell
G. S. G. Henson	A. C. Blue
K. Hallson	F. E. Umphrey
J. McCue	H. P. Brunger
George Collins	E. V. Caton
Stewart Barkwell	S. Stoller
J. H. Macdonald	H. G. Doidge
C. V. Antenbring	H. W. Nelson
H. R. Hopper	E. P. Rimmer
G. McLure	W. Venables
W. J. Ayres	D. Ferries
G. R. Reshaur	B. Ingimundson
D. S. Simons	George R. Pratt