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Safety's In the Air at Frood-Stobie

(Story on Page 6)



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Harry Schofield

"I came to Sudbury looking for work in 1937," Harry Schofield told the Triangle. "Lots of men were job-hunting at that time. One night at 12:30 I joined the lineup at the Inco employment office and by 10:00 the following morning I was still in the same place in line. I noticed that the only men who were allowed through the door were carrying brown envelopes, so I got out of line, found a piece of brown paper, folded it, marched right up to the door — and I was in! When I got inside I found out that the brown envelopes held X-ray film and that the men carrying them had taken an Inco medical. Anyway, I was inside. I was from the West and I was a big man — and I got a job."

Harry Schofield retired recently from Clarabelle open pit on a dis-



Mr. and Mrs. Schofield

ability pension after 27 years with Inco.

Born in the U.S. in Inkster, North Dakota, in 1912, Harry was six when his family moved to Canada and settled in Wiseton, Saskatchewan, and 14 when he quit school and went to work on a farm. Harry married Kathleen Noble in 1937 and the same year came East to Sudbury. His first job with Inco was at Creighton No. 3 shaft where he worked as a mucker and a driller until 1938 when he was transferred to Frood Mine. He left Frood to join the police force in Copper Cliff, but after one year returned to the mine. During the following years he worked at Garson and Stobie and made his last move to Clarabelle open pit in 1962.

The Schofields are proud of their fine family of six. Mrs. Shirley Pickoski lives in Peterborough, Mrs. Doreen Hawthorne lives in Hamilton, Richard is a tapper in the nickel reverberating at Copper Cliff, Kathleen is married to Keith Size who works at Creighton No. 5 shaft. The youngest in the family are a pair of impish mirror twins, Coleen and Coreen, who are 13 years old



THE GREAT TORONTO SYMPHONY ENTHRALLED SUDBURY AUDIENCE OF 4500

The most exciting event in Sudbury's musical history was the performance of the 90-member Toronto Symphony Orchestra under the baton of its fabulous little 29-year-old Japanese conductor, Seiji Ozawa. Just returned from a brilliantly successful tour of the British Isles, where critics expressed frank amazement at its superb musicianship, the Toronto Symphony came to Sudbury

November 1 for the first of five concerts in Western Canada. A delighted audience of 4,500 was enthralled by the program, and gave the orchestra applause and ovations so charged with enthusiasm and appreciation that Ozawa said afterward it made him and his fellow musicians feel humble. The concert was jointly sponsored by the Sudbury Arena Commission and CKSO-TV.

and attend grade eight at Copper Cliff public school.

With hobbies like carpentry and welding, and a well equipped shop in the garden of the Schofield home on Balsam Street in Copper Cliff, Harry will have little trouble staying busy during his retirement years. "We will stay in Copper Cliff," he said contentedly.

"We're very happy right here — it's a dandy place, and couldn't be better for the twins, there's always something going on to keep them busy."

John McLean

"I was a roaster helper in the Copper Cliff nickel reverberating building in 1937 when Chief Ramsbottom suggested I join the police force. I was stationed at Levack and during the two years that I was there I can remember no crimes or any kind of trouble. I guess all the good people lived at Levack in those days," said big John McLean with a broad grin.

John has retired from Inco on disability pension after more than



Mr. and Mrs. McLean

27 years of service. A heart attack in 1962 slowed him down and now he has decided to take life easy and settle down to some serious reading, his favorite pastime.

Born in 1906 on a farm in Yorkton, Saskatchewan, John strode forth into the world when he was 21 and spent the next nine years

wandering through Saskatchewan, Alberta and Manitoba moving from job to job as the fancy took him. It was 1936 when he came East and started with Inco in the reverberating building. In 1939 he was transferred to the police department at Creighton mine where he stayed for two years until he decided he would like a change and transferred to the mechanical department at Frood mine to work as a rigger for Tommy Mullins. In 1946 he was moved to the mine heating plant where he tended the boilers as a third class stationary engineer. He was working in that capacity when he retired.

John was married on Christmas day in 1939 to Yvonne Marler of

Massey, and they have raised a family of three. Danny is in the Royal Canadian Navy, stationed at Victoria, B.C., Mrs. Patricia Paul lives in North Bay, and Jacqueline works in Sudbury.

METALLIC LIFESAVER

To save the lives of children in cases where abnormal birth is suspected, doctors use a sensing device to measure the oxygen supply to infants before and just after birth. A tiny fleck of platinum encased in layers of glass and silver and sheathed in a stainless steel tube is inserted into a blood vessel for a direct reading of oxygen tension in the circulating blood.

Nickel Stainless Steel Promotion at Thompson Store



Samples of Thompson-produced sheared electrolytic nickel, along with a chunk of native ore, have been placed on exhibit in the Hudson's Bay Company store at Thompson in conjunction with a promotional display of nickel stainless steel cooking utensils and appliances. Inco assistant division general manager J. B. McConnell and store manager John Zonneveld are shown at the exhibit.

First Commercial Shipment of New Nickel Oxide Sinter 90 Leaves Plant

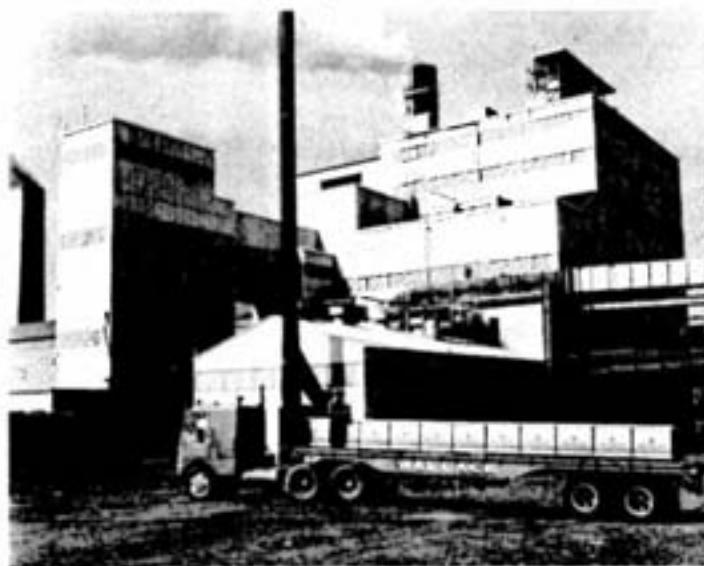


The first commercial shipment of the new form of primary nickel developed by the Company, nickel oxide sinter 90, left the plant at Copper Cliff November 15, destined for Great Britain.

Umberto Giampola and Alpheo Brideau are shown above fitting a pallet of cans with the plywood shroud which protects all overseas sinter shipments.

The new product, silvery in ap-

pearance, contains about 90% nickel and has lower impurities and lower oxygen content than nickel oxide sinter 75. Previously produced in pilot plant operations and proven in tests at the plants of steel producers, nickel oxide sinter 90 is expected to find widespread use in the production of stainless steels, wrought alloy steels, and various nickel-containing cast products.



Shown above is the huge extension to the fluid bed roasting plant at Copper Cliff for the production of nickel oxide sinter 90, the new high-quality economical form of primary nickel.

The procedure permitting output

of this higher purity nickel oxide sinter was developed in Inco's research laboratories. The new product supplements Inco's already-established nickel oxide sinter 75, which will continue to be produced and sold.

CCAA Books the Arena

The annual Christmas Party for children of employees working at the Copper Cliff and Iron Ore plants, sponsored by the Copper Cliff Athletic Association, will take place on December 18.

This year the children will be entertained at the Sudbury Arena

and the party will feature a show of professional entertainers from Toronto.

CURRENT COMMENT

Bob: "My, but your wife is certainly magnetic!"

Joe: "She should be. Everything she has on is charged."



Creighton-Lively Brownies Had Important Guests

Creighton and Lively Brownies were honored and thrilled when they received a visit from Miss E. Henrietta Osler, chief commissioner of the Girl Guides of Canada, and her aide-de-camp, Mrs. Joan Gunn, provincial commissioner for Ontario.

Close to 125 Brownies were on hand in the basement of Pius 10th Roman Catholic Church in Lively to welcome the visitors, who were presented with decorative birch bark scrolls which had been made by the Brownies. The visitors were delighted with the Brownies' performance of a number of dancing games.

Shown above are Mrs. Dorothy Morrison, Lively district commissioner; Mrs. Shirley Maskell, division commissioner; Miss Osler, Mrs. Joan Gunn, Mrs. Louise Wilson, Creighton district commissioner and Brownie Rena Surins, a sixer in 3rd Lively pack, who made the presentations. Rena's father, Wally, is a stoop boss at Creighton mine & shaft and has worked for Inco for the past 18 years. In the picture below are some of the young Brownies present on the important occasion.



Wilfred Patterson

More than 100 of the boys from the Coniston smelter mechanical department were on hand at the Club Allegri in Coniston at the farewell stag party for Wilfred Patterson who retired from Inco after 40 years of service. During the evening Wilfred was presented with a good fat wallet.

Born in Bracebridge in 1900, Wilfred was 20 when he finished business college and set out for the

West. Finding clerical pay too low to interest him, he turned his hand to farming at Unity, Saskatchewan. Three years later he returned East, stopped at Coniston to visit his brother Burt, and was hired by Mond Nickel as a boiler maker and started work in the plate shop, where he has worked ever since.

Wilfred served on the Coniston public school board for 19 years, the last 16 as chairman.

He was married in 1935 to Mary Nesbitt, a native of Victoria Mines and they have two daughters, Mrs. Glenn Molnar and Barbara, both of whom live in Hamilton and are graduate nurses at Hamilton General Hospital.

The Pattersons are planning to leave Coniston and settle in Bracebridge where Wilfred has four brothers. They also plan to have a large garden where Wilfred can spend his well-earned retirement years at his hobby of growing flowers.



Mr. and Mrs. Patterson



At Port Colborne's Rousing Annual QC Get-Together



WIVES OF the new Port Colborne members received roses and a letter of appreciation from Nickel Refinery manager W. R. Koth. Delighted by this thoughtful gesture were Mrs. Mildred Bears . . .



Mrs. Ruby Conway . . .



and Mrs. Hilda Shaubel



SHEILA KIMBERLEY made no mistake when she called up Warren Koth and Vern Barker to put a little pep into the act. When these boys started swishing the maracas and swinging their hips, the show was on the road. Another surprise entertainer was Jim Potyok (rt.) who took over the singsong with Reg Steeves at the organ and did a wonderful job.



Port Colborne's QC Club Hears James C. Parlee

A rousing welcome to 24 new members was extended by over 400 of the Port Colborne chapter of the Inco Quarter Century Club at their annual banquet in the Recreation Hall on November 4.

Gold membership badges were presented to the new 25-year men by executive vice-president James C. Parlee, who was joined in extending congratulations by assistant vice-president T. M. Gaetz and division general manager J. A. Pigott.

Nickel Refinery manager Warren Koth also offered his felicitations and best wishes. Chairman of the thoroughly enjoyable get-together was assistant manager J. H. Walter.

The 24 qualifying for membership this year were James Beale, Elvin Bears, George Booker, John Byng, Clarence Cassibo, Lester Climenhage, Clinton Conway, Henry Cook, Leslie Cuffe, Bert Eden, Shanz Froracci, Jack Holmes, John Huffman, Gerald Jenkins, William MacSweeney, Louis Martel, Raymond Michener, Lester Minor, Gordon Needham, Stephen Purcifer, Arthur Shaubel, Merrill Sherk, Norman Simons and Alex Zahavich.

The inimitable old trouper, Doug Romaine, still wowing them with his cleverly comic routines and impersonations, was master of ceremonies of the stage show introduced by S. C. Augustine. Another time-tested act that still packs a lot of punch was the music and comedy routine of Dick and Sheila Kimberley, who stirred up a lot of fun without hurting anybody. Gord Emerson, billed as the king of balance, and singer Marilyn Reddick, a former Miss Canada, also drew enthusiastic applause, as did the rhythm singers and Go-Go dancers. Paul Simons of Toronto brought along a capable quartet to supply the musical back-drop.

The Secret Is Keeping Busy

Replying to a salute to the pensioners, A. C. Harvie painted a



EXECUTIVE VICE-PRESIDENT James C. Parlee congratulates Alex Zahavich on completing 25 years of service with the Company and hands him his gold Quarter Century Club badge. Joining in the ceremony are division general manager J. A. Pigott (left) and assistant vice-president T. M. Gaetz.

glowing picture of the joys of retirement. "We count ourselves most fortunate to have worked for the International Nickel Company," he said in referring to the Company's pension plan. "The secret of happy retirement is to keep busy," he stated. His own program, which keeps him hopping every hour of the day, includes woodworking, a stamp collection, photography, getting to know his grandchildren better, doing a little travelling, and taking a stroll down town now and then to hobnob with other Inco pensioners. "I've never been so busy before in all my life," he declared.

T. M. Gaetz, in his brief remarks, praised departments of the plant which have "extremely good records in production and especially in safety."

J. A. Pigott said he knew well the feeling of satisfaction at coming forward to receive the gold Quarter Century Club badge, having himself become a new member this year. "Port Colborne is very much a member of the big Inco team, and its efficiency is highly appreciated by the management of the Company," he stated.

Again a keenly enjoyed feature of the evening was the pot-pourri of old favorites played on the Hammond organ by the Port Colborne plant's music master, Reg Steeves, while the guests were assembling, and during dinner.

The Rathfon Inn caterers followed the lead of the Sudbury QC menu this year and brought on succulent roast beef instead of chicken, a change that drew nothing but favorable comment.

The mood of the evening was mellow, with good fellowship reigning supreme. As executive vice-president James C. Parlee remarked, "I always get a warm feeling of being 'at home' at any Inco Quarter Century Club meeting, whether it be in Thompson, Toronto, Port Colborne, Sudbury or New York."

"Among Our Greatest Assets"

"The financial community and the security analysts can gauge the strength and ability of a

company," Mr. Parlee said in opening his address to the Port Colborne chapter. "but the balance sheet does not indicate the loyalty and experience which your service represents. One out of every five of our employees has been with Inco 25 years or more, and this long service is among the greatest assets of our Company. It has made a positive contribution to our strong position in today's world . . . to our reputation for first-rate performance."

"For over 45 years," he said, "our refinery here at Port Colborne has been a vital link between Inco's highly diversified activities . . . a link between making a natural resource available on the one side, and marketing it on the other."

"Here the complex process of transforming raw ores into a saleable product is finalized. Here, shipments of refined nickel, our finished product, begin their journey to markets in all parts of the globe to be used in thousands of applications."

"The cornerstone of any worthwhile marketing program is a

quality product. Electrolytic nickel — Inco nickel — from Port Colborne is one of our most important products, one which has always been well received by nickel consumers on all continents. And into your hands falls the responsibility of applying the 'finishing touch' to this product."

Outstanding Safety Records

Mr. Parlee made special mention of the Port Colborne plant's safety achievements. "During my many visits to the refinery I have found evidence on all sides of careful attention to details. There is no better example of this than your excellent and constantly improving safety program. Among the many safety records that have been set, I note that of the yard crew, under the supervision of Quarter Century Club member Charlie Bridges, which has worked since July 18, 1962, without a lost-time injury. The 'paint shop' crew, presently supervised by Jack Grace, has worked since September 4, 1945, without a lost-time injury. The mechanics, under the supervision of Quarter Century Club

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"LOOK OUT for that camera!" warned pensioner Alex McNoy, but Sheila Kimberley refused to budge from the lap of the popular Scot, whose melodious tenor voice had caught her attention.



NEW QC MAN JACK HUFFMAN, shown here receiving his badge, is one of four brothers in the Port Colborne plant: Lloyd has 30 years' service, Jack 25, Alfred almost 25, and Curt 14. Four other members of the Class of 1965 are sons of Inco men: Elvin Bears the son of Layton Bears, George Booker the son of Walter Booker, Henry Cook the son of Jack Cook, and John Byng the son of Joe Byng.

James C. Parlee

(Continued from Page 5)

member Chris McPhail worked from February 6, 1963 to May 12, 1964, a total of 460 days, without a lost-time injury, and the precious metals department, under the supervision of Quarter Century Club member Allan Prittie, have worked 1,433 days without a lost-time injury. My congratulations, and keep up the good work!

"These records reflect the overall attention that the refinery employees give to their job performance. They are, furthermore, reflected in the products that come from this refinery as well as in the efficiency of the plant itself."

Big Changes in the Market

"You who have been with us 25 years or more can appreciate the great changes that have occurred in the nickel industry. If we go back more than 40 years to the earliest days of the Port Colborne refinery, the changes are startling," Mr. Parlee continued. "Where once markets for nickel were few and simple, today they are manifold and complex. Change has followed change in the environment in which we must sell and distribute our products."

But, Mr. Parlee emphasized, one thing has remained constant, and that is competition, not only from other nickel producers but also from an increasing number of other metals and non-metals.

"I believe that the key to our success has been the degree to which we have fused research and market development. We have found not only new uses for nickel and its alloys, but also new and broader markets for the nickel-containing products of our customers."

"Our invention a few years ago of maraging steel is an excellent illustration. A completely new family of steels, with a unique combination of high strength and toughness, it offers industry a new material of construction with immense potential. Not only suited to satisfying many existing requirements for such a material, the maraging steels are likely to lead to completely new design concepts and new market opportunities for our customers as well as ourselves."

"Again, there has been an extraordinary acceptance of cordless appliances by consumer markets everywhere. We have been actively supporting the producers of the nickel-cadmium batteries that make these appliances possible, as well as manufacturers of the appliances themselves. Although there is already a wide range of cordless industrial and consumer appliances — ranging from automatic drills to shavers — the full potential of this type of item is only beginning to be exploited."

New Nickel Products

"All of our new markets cannot be built exclusively around the present forms of nickel. We must continually meet the demands of our customers for the primary types of nickel they need to compete effectively against other materials. Our new Nickel Oxide Sinter 90 is one example. So too is SD nickel, developed here at Port Colborne. It helped to strengthen the preference for our nickel in one of our oldest and largest markets by creating vast improvements in the traditional

GOOD SAFETY AND GOOD PRODUCTION GO HAND-IN-HAND



Since they started their present no-accident performance back on March 31, the men of Stobie alone have produced enough ore to fill an ore train more than 150 miles long — well over 2,200,000 tons. Shown above with some of the fruits of Stobie's teamwork are rockhouse foreman Mickey Smerk, assistant superintendent Dave Lennie, and assistant safety engineer George Inkster. The Stobie section has its sights set on 2,000,000 safe hours.



Here's a view of a working place at Frood-Stobie, one of 60 such active slusher drifts in the Stobie section of the mine. The operator shown, Albert Leroux, stands at the controls of a 125-hp slusher hoist with which he skilfully manipulates a 72-inch scraper to pull broken ore through a draw-hole into mine cars standing on a track below. Ore enters the drift through boxholes spaced at 33-foot intervals along each side. The length of the drift varies according to the width of the orebody, and may be up to 300 feet.

methods of electroplating. It has also facilitated a greater interest in electroforming — the electroplating process for mass-producing objects of intricate design or finish with excellent accuracy.

These were but a few of the markets that will be important in Inco's future, Mr. Parlee said, add-

ing that the Company's long-range objectives embrace many other fields.

"Before long many types of transport and passenger road vehicles will probably be featuring jet or gas turbine engines. Nickel alloys have well proven themselves

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Team Spirit Safe-hour Secret At Frood-Stobie

Frood-Stobie mine, keyed to a great effort, has smashed the Inco all-time all-plants record for safe hours worked.

With completion of the 12-8 shift on the morning of October 21 Frood-Stobie surpassed the all-plants record of 2,120,221 safe hours set by Copper Cliff smelter on November 15, 1964.

It had also broken the long-standing all-mines record of 242,503 safe shifts set by Creighton mine on May 17, 1960.

Frood-Stobie has now been without a lost-time accident since June 4.

Jubilant but still not satisfied, Frood-Stobie has kept rolling on its tremendous unbroken string of accident-free hours, and at the Triangle's press-time on November 17 swept past the 2,500,000 mark.

There's a record that's going to be mighty hard to beat.

"I think our boys deserve a terrific amount of credit for their achievement in setting this new all-plants record," Frood-Stobie mine superintendent Sid Sheehan said to the Triangle.

"What's the secret of your success?" he was asked.

"It's all based on co-operation.



Frood-Stobie superintendent Sid Sheehan is congratulated on his mine's great safety achievement by general manager Jack Pigott.



In high spirits were these representatives of all departments at Froid-Stobie when they gathered for a photograph to mark the greatest safety achievement in their mine's history — an all-time all-plants Inco record for safe hours

worked. At the left assistant mine superintendents Dave Lennie of Stobie and Gordon Strasser of Froid receive congratulations from superintendent of mines G. R. Green.

teamwork, and team spirit." enthused the pleased superintendent. "We pride ourselves at this mine on the way the men and supervision work together in mutual understanding and good relations. We try to keep close liaison with each other.

"And don't forget that our Inco safety program is a dandy. We stick close to it all the way — personal contacts, job demonstrations, lunch-time talks, all the angles. We're strong believers in having our talks and demonstrations well-prepared and to the point. And in our personal contacts we not only stress safety but also take the opportunity to get to know one another better, and understand one another's problems.

"That way we build up our team spirit. Every man at the mine has a personal share in this new record through his personal interest and co-operation.

"We're proud of our safety program, and as soon as we get through setting this new record we'll start right in again on setting another. How about that?"

Froid-Stobie has long been a pace-setter in safety achievements. Since the inception of the Inco safety awards in 1944 the mine has won 23 citations, more than any other plant. It has previously held the all-plants record.

All sections of the Company's operations will join in hailing Froid-Stobie on its record-busting performance, and at the same time firmly resolve to go it one better.



Manager of mines John McCreedy and superintendent of safety Mel Young were on hand to say a hearty "Well done!" to the Froid-Stobie organization.



BOOM WENT THE OLD RECORD of 2,120,221 safe hours as this Froid group took dead aim on it with an airleg drill. Enjoying the gag cooked up by safety engineer Bob Moss, who holds the balloon, are carpenter shop foreman Charlie Silander, assistant superintendent Gord Strasser, stope leader John Urban, mechanic Bob Charsley, and electrician Ernie Wagg. Froid-Stobie No. 3 shaft is in the background.



On their way to another accident-free shift are these Stobie miners seen leaving the cage on 1000 level en route way to their working places. They played their part in setting the new all-plants record.

INCO FAMILY ALBUM



Henry and Billi Jean Squires, who live at 72 Elm Street, Thompson, have four bright youngsters in which they take great pride: Henry Charles, 5½, Kenneth Edward, 1½, Debra-Lynn, 4, and Janet Marlene, 7 months. Henry also helped in another happy achievement — he was a member of the Thompson mine rescue team that won the Manitoba championship this year. He came to Thompson from Tisdale, Saskatchewan.



Les Way is assistant to the superintendent of the LCSA department at the Nickel Refinery in Port Colborne. He and his wife Mary have two charming daughters, Joan, 16, and Karen, 13. Les has been with Inco since 1952.



Born and raised in Creighton, Bill Pilon has worked for Inco as a miner at Creighton mine since 1942. "We've spent all summer at our camp on Lake Nipissing and the boys are having a hard time settling down to civilization again," said Bill, when this was taken in September. In the back row are Victor, 12, Bob, 14, and Richard, 17, and in front with their parents are Veronica, 16, and Mary, 4.



Nick Yanchuk and his wife Louise are both westerners from Hazelridge, Manitoba, who came East in 1942. Nick started with Inco that year at Creighton mine, and in 1959 moved to Stobie where he is a shift boss. The four large gentlemen in the rear are Larry, 19, Harold, 14, Mervin, 21, a driller at Crean Hill, and Jerry, 16. Seated with their parents are Gay, 9, and Brian, 6.



Bill Quinlan and his wife Ida left Nova Scotia in 1951 to come to Coniston and have lived happily there since. Bill is a maintenance mechanic at the Coniston smelter, and in his spare time is busy rebuilding his home on Edward Street. Shown in the back row are Stephen, 5, Timmy, 7, and Billie, 15. Seated on either side of their proud parents are Mary Anne, 13, and Richard, 3.

Mel and Marion Thall, with their children Eric, 12, Kathy, 7, and Sonja, 9, enjoy a happy, healthy and busy life on the small farm they bought near Crean Hill mine when Mel moved there two years ago as a longhole driller. An Inco man for 15 years, Mel previously worked at Murray and Creighton mines.



McLean's Shift Scores a "First"

Andy McLean's shift at the Coniston smelter scored a popular "first" when they transformed their traditional stag into a stag-and-doe dinner and dance at which pensioners who had retired during the past year were warmly eulogized and presented with gifts.

Brightened by the beauty and charm of the ladies, the shift party was voted "far the best yet," and will probably start a trend.

Shown in the accompanying pictures are some of those attending.

Smelters superintendent J. R. Feick of Copper Cliff drew laughter and applause when he observed, "Now you wives will be sure what time your husbands are coming home from the shift party."

Medric Tessier, George Bilowus and Wincenty Wroblewski were the three pensioners honored, the first two retired from the charge floor and the third from the converters.

Aurele Portelance, who doubles as reeve of Markstay, gave a polished performance as master of ceremonies. The very enjoyable affair, which undoubtedly will become an annual event, was ar-



Mr. and Mrs. Ron Squires, Mrs. Leo Quesnel, Mr. and Mrs. Robert Higgins, Miss Ursula Loranger.



Mrs. M. Kozelko, Mr. and Mrs. Wasyl Bezzubiyk, Mr. and Mrs. Nick Benedetti, Mr. and Mrs. Mario DiPietro.



Mr. and Mrs. Sid Kosiw, Mr. and Mrs. Bernie Laplante.



Mr. and Mrs. Pete Lalonde, Mr. and Mrs. George Bilows, Mr. and Mrs. Angus Strahan.



Mr. and Mrs. Andy McLean, Mrs. Feick and superintendent of smelters J. R. Feick, Coniston superintendent R. L. Snitch.



Mr. and Mrs. Reg MacNeil, Mr. and Mrs. Aurele Portelance.



Mr. and Mrs. Alex Rivard, Mr. and Mrs. Medric Tessier.



Mr. and Mrs. Pete Davis, Mr. and Mrs. Wincenty Wroblewski.

ranged by a committee of six, of which general foreman Andy McLean was chairman. It was held at the Club Allegri.

The McLean shift has an outstanding safety record in the Coniston plant, not having had a lost-time accident since 1960.

POWDERY GEARS

Metal powders of nickel and iron are formed, by compression and heat, into strong, light and intricately designed gears for small engines.



Mr. and Mrs. Eugene Kowal, Mr. and Mrs. John Holuschemki, Mr. and Mrs. Fern Gauthier.

A HUMOROUS REFERENCE to the early days by general manager Jack Pigott draws a smile from retiring mines engineer George Thorpe at the dinner held in his honor at Cassio's Venetian Room. At left is assistant vice-president T. M. Gaetz.



George Thorpe Had Strong Influence On Inco Mining Growth

A career encompassing the growth of International Nickel's Sudbury district mining operations, from the depth of the depression when only one mine was operating to the present peak of eight operating mines with four new ones in the making — that's the George Thorpe story.

A youthful 65 despite more than 35 years in the thick of the action that has built Inco into one of the world's greatest mining companies, chief mines engineer George Thorpe retired on pension October 4. He has been retained by the Company in a consultant capacity.

His first connection with the Company was made in his student days when he was hired as a drill helper at Creighton in the summer of 1920. He graduated from the University of Toronto in 1923 as a bachelor of applied science in mining, and the following year was employed as a surveyor at Creighton, where he remained until 1928.



TWO FORMER chief mines engineers, Harold Keast and Alan Brock, attended the Thorpe testimonial dinner. Both had over 43 years of Inco service, Mr. Brock retiring in January 1956 and Mr. Keast in October 1957.

Tried the Northern Solitudes

The urge to move farther afield then led him to northern Manitoba, where he spent two years exploring a zinc and copper prospect at Cold Lake, about 30 miles north of Le Pas. He was accompanied by Mrs. Thorpe, the former Joyce Hill of London whom he

married in 1924, and their two children, one aged 3, the other 6 months. They lived in a log cabin in the bush. Says Mrs. Thorpe now with a smile, "It was a beautiful log cabin, but . . ."

When he returned to Inco in June 1930 George Thorpe became a surveyor at Frood under Frank Learned. Two years later the full force of the depression struck. From September 1932 until June 1933 when Creighton came back on limited production, Frood was the only Inco mine in operation. Total tonnage of ore mined in 1932 was 666,468 tons, rather a startling comparison with the 17,000,000-plus tons that will be produced in 1965 from Inco mines in the Sudbury area.

It was in October of 1939 that Mr. Thorpe succeeded Harold Keast as chief mines engineer at Copper Cliff, and two years later the Company embarked on its wartime expansion program which involved an expenditure of some \$19,000,000 at the mines and called for increasing the mines production rate from 26,000 to 37,000 tons daily. From then on, fairly steadily it was grow, grow, grow.

During George's 26 years as chief mines engineer, the Company opened seven new mines and undertook 18 shaft sinking and deepening operations totalling almost six miles. Underground development footage increased from

147 to 390 miles, and mine production from 21,000 tons daily to 73,000 tons daily. Ore shipments amounted to 315,000,000 tons, yet ore reserves today are actually 50,000,000 tons higher than in 1939. The mines engineering staff doubled to its present total of about 150.

Far-reaching changes in mining methods have also taken place



Mrs. Thorpe

during those 26 years. In 1939 at Inco ore was produced mainly by shrinkage, cut-and-fill and square set methods, and mining was largely done by manual labor. Then mechanization commenced and steadily increased with the introduction of mechanical loaders and shuishers.

Blasthole and Caving Introduced

The first blasthole mining operations were started at Levack in 1940, followed by Garson in 1941 and Creighton in 1942. Stobie and Murray were developed initially for all blasthole production, as was the upper part of Frood from 1000 level. Caving was in use at Creighton in 1945 but did not come to full blossom until 1951 when the sinking of No. 7 shaft and the construction of a mill at Creighton permitted exploitation of the low grade ore body above 28 level on a large scale by a panel caving system.

George recalls the introduction of wet sand fill at Frood in 1948, in place of mine rock and slag as a highly significant development. "It has resulted in many modifications and improvements in mining methods, and led to the development of the undercut-and-fill method now used so successfully for mining pillars and other remnants," he said. It is now used at Frood, Creighton, Garson, Levack, Stobie and Murray mines.

Further refinements in mining methods were made possible with the innovation of consolidating sand fill, made by adding Portland cement to the sand. The increased stability of the cemented fill, along with screen bolting and close sequencing of stoping operations, permitted the use of cut-and-fill stoping at greater depths than was previously feasible.

These and other highlights of Inco's mining activities during George Thorpe's distinguished tenure were discussed by general manager Jack Pigott in his remarks at a testimonial dinner held in Cassio's Venetian Room and attended by a large representation of the Inco mining fraternity and allied departments. Mr. Pigott highly praised the retiring chief mines engineer for his great contribution to the Company's progress.

Outstanding Breadth of Concept

"I am sure everyone in this room appreciates the magnitude of the Company's mining operations in the provinces of Ontario and Manitoba," assistant vice-president T. M. Gaetz said, "and will agree with me that the breadth of concept demonstrated in the planning of these operations is outstanding. Indeed, it represents a model, not only in Canada but around the world, in the sphere of underground and open pit mining. We can be proud of the guidance and direction given by George Thorpe, his predecessors and his colleagues, in the overall planning of the major operations at Sudbury and Thompson."

Mr. Gaetz also referred to Mr. Thorpe's work in making engineering evaluations of mine deposits in Venezuela, Greece, and Guatemala. "The top people of our Company have the highest regard for his ability in studying the feasibility of developing potential sources of nickel," he said. "I cannot over-emphasize the importance of integrity in formulat-



JOINING IN THE TRIBUTE to George Thorpe was this representative group from the mines engineering department: seated, the new chief mines engineer, Eino Tigert, Mr. Thorpe, and Creighton mine engineer Bert McCormick; standing: Art Silver and Bob Hall, assistant chief mines engineers; Bud Osborn, planning engineer; Harvey Jarrett, Garson mine engineer; Ted Goddard, Stobie mine engineer; Ray Bouclin, Crean Hill mine engineer; Earl Gilchrist, Levack area mine engineer; Bob Burford, Murray mine engineer; Gerry Smith, Frood mine engineer; Merv Dickhout, miscellaneous mines engineer; Al Ryter, Levack mine engineer.

Win Inco Awards In Journalism

Valerie Patricia White of Ottawa is the winner of this year's International Nickel Company award in journalism at Carleton University.

Presented annually, the award consists of a portable typewriter and a nickel-plated plaque, mounted on oak and engraved with the quotation: "I keep six honest serving men; they taught me all I knew." A larger plaque of similar design is kept permanently by the university.

Miss White was the recipient of scholarships for each of her four years and on graduation was awarded the University Medal in



Valerie White Ruth Thompson

journalism as well as the Inco Award.

Born in India, she lived in England until 1960 when her family immigrated to Canada. During her four years at Carleton she has worked part-time for the Ottawa Journal and last winter served as a hostess and interviewer on television in Ottawa. She is at present a communications officer with the National Research Council.

Ruth E. Thompson of London, Ontario, is the winner of this year's Inco journalism award at the University of Western Ontario.

Born in London, she was awarded her bachelor of arts degree, majoring in psychology and English, from the University of Western Ontario in 1963.

Following a period of travel, Miss Thompson enrolled in Western's journalism diploma course in 1964. This summer she worked with Dr. Wilfrid W. Jury, curator of Western's Museum of Indian Archaeology as the information officer on the project to restore historic Fort Ste. Marie at Midland.

Everybody tells you that you can't take it with you, but hardly anybody mentions the fact that you can't travel very far without it.

ing and presenting programs to management. I think we have all developed the greatest admiration for George in this respect."

Mr. and Mrs. Thorpe have decided to reside in Sudbury to be near their family: Joyce (Mrs. Arthur C. Wolfe) and Barbara (Mrs. Lorne Tiplady) of Lively, Sheila (Mrs. Lawrence LaRiviere) of Chelmsford, Lawrence of Sudbury and Alan of the metallurgical department at Copper Cliff. They have 11 grandchildren.

George recently returned from a three-week holiday to the British Isles and is delighted with the results he got with the new camera and slide projector presented to him at his retirement party.

Harry VanderVliet

Harry VanderVliet packed a good deal of travel and adventure into his life before he finally

settled down in Sudbury. Now after 15 years of service with Inco his health has forced him to retire on disability pension from Frood mine.

Born in Montreal in 1919, he was five years old when his father moved the family to New



H. VanderVliet

Liskeard and started a bakery there. Harry left school in 1938 and worked in the bakery until 1941 at which time he joined the army in the overseas battalion of the Algonquin Regiment. After service in France, Belgium, Holland and Germany, he was demobilized in 1946 and returned to the bakery which by this time was operating in Parry Sound. In 1948, Harry came North and spent six months as a guard on the Burwash prison farm. He joined Inco in 1948 as a laborer and worked in the Orford building and the sinter plant at the Copper Cliff smelter until 1949 when he quit the Company for a short while. The same year he started work at Frood mine as a sandfill man, transferring to a surface job in the timber yard after a leg injury in 1959.

Harry was married in 1947 to Jean McIntosh, who died in 1962. Their two daughters are attending school in Sudbury, Heather, 17, and Christina, 10.

Jan Krakousky

"My first job when I came to Canada in 1926 was with the Grand Trunk Railway in Port Colborne with the track gang. I couldn't speak English but I worked hard."

Jan retired recently from the Copper Refinery on service pension after 31 years with Inco. His first stop after Port Colborne was Sarnia where he found work as a



Mr. and Mrs. Krakousky

docker till the fall freeze-up, then was hired by a Sarnia brewery. Unfortunately the brewery went bankrupt one year later and Jan was out on his ear. Three years of unemployment followed until 1933 when he came to Sudbury and got a job as a laborer at the creosote plant. The same year he joined Inco at the Copper Refinery as a liner in the tankhouse. During part of his time at the refinery Jan was on the sheet gang.

He was married to Stephenie Miklos in 1924. They have two sons, Karl, a carpenter at the Copper Cliff smelter, and Walter, in the tankhouse at the Copper

Win Inco Scholarships at Sheridan Tech

At the annual commencement exercises at Sheridan Technical School, two outstanding students received Inco awards of \$100 for attaining highest proficiency in the mining option of the general course for grades 11 and 12. Shown congratulating Eric Ruismaki, grade 12 winner, is Ron Lake of the Inco geological department, who made the presentations on behalf of the Company. At the left is the grade 11 winner, Leslie Maki, whose father,



Walter Maki, has been on Inco employee for 15 years and works as a maintenance electrician at the Copper Cliff smelter.

Refinery. There are three grandchildren to demand Jan's attentions, and his house on Dean street to be maintained. Jan feels that this will keep him busy enough in retirement.

James C. Parlee

(Continued from Page 6)

in jet aircraft. Our engineers have been cooperating with designers and manufacturers to adapt these alloys to earth-bound vehicles. Automotive gas turbines will, at least initially, require about 10 times more nickel than the average piston engine used in today's automobiles."

The architectural field with its exacting requirements and spectacular advancements, the fascinating field of space vehicles and the equipment to launch them, and the rapidly expanding field for nickel chemicals in paints, ceramics, and other compounds were other areas in which Inco's research and marketing experts were very active, the executive vice-president said. Nickel chemicals were also proving valuable in lubricants and gasoline additives, as well as in fungicides.

Precious Metals Also Versatile

As for the platinum-group metals, also included in the Port Colborne operations, Inco had been a leading influence in extending their use to industrial operations ranging from catalysts to electrical contacts. "Some years ago only one of the platinum-group metals — platinum itself — was used to any extent at all, and then almost exclusively for jewelry and decorative purposes. Today the precious metals and their alloys are joining nickel and its alloys in man's most exciting venture, the exploration of outer space."

To keep pace with all this market development, Mr. Parlee said, International Nickel's mine development and process research had greatly augmented its production capability. The Company now had seven new mines under development as well as extensive expansion programs at many of its nine operating mines.

"Programs such as these, by guaranteeing a continuing supply of nickel to present and future nickel markets, contribute to the

longevity and growth of our Company," Mr. Parlee said in conclusion. Together with our research and marketing efforts, and with the historic advances in extractive metallurgy which have been made here in Port Colborne and at our other plants, they form the basis of our future.

"These are activities in which we all participate and, I am confident, activities from which we will all benefit in the future."

Frigid Uses For A Special Steel

One of the most successful market growths among new steel mill products in the United States is currently being enjoyed by a special 9 per cent nickel steel for super-cold applications. Although it was introduced for cryogenic applications only five years ago, when less than a million pounds were produced, this year's production is expected to exceed 15 million pounds.

Invented in the research laboratories of the International Nickel Company, 9 per cent nickel steel, unlike ordinary steels, does not become brittle and will not fracture at extremely low temperatures. It is used, primarily, for equipment to store, transport, and handle liquid gases at cryogenic temperatures as low as -320° F.

One of the most dramatic uses for 9 per cent nickel steel has been in equipment to transport natural gas to Europe. A special ship, the Jules Verne, has been launched to haul annually more than 15 billion cubic feet of liquid methane between Algeria and France. The natural gas is liquefied and reduced in volume by 630 times through cooling to -259° F. and is pumped aboard the tanker in Algeria. The Jules Verne holds a total of 815,000 cubic feet of liquefied natural gas in its seven insulated tanks made from 2,000,000 pounds of 9 per cent nickel steel.

FUNGUS KILLER

Nickel chemicals, because they destroy fungus after it appears on a plant, are used to combat rust fungus diseases which attack crops of grass grown for seed.



S. Modric S. Dovbniak Norman Kalika Mrs. Kalika Lloyd McDonald Ray Wilton Adrian Baker Mrs. Baker Carl Goddard

Garden Contest Winners Again Prove Anything and Everything Thrives in Thompson Soil

The 1965 winners in the Thompson lawn and garden competition received their prizes at a meeting in the municipal council chambers. This was the fifth year the International Nickel Company offered awards of money to Thompson residents who contributed to the development and beautification of

the townsite. J. B. McConnell, assistant division general manager, presented the awards and C. A. Nesbitt, local government administrator, addressed the meeting. Once again the competition demonstrated that everything and anything grows in the Thompson clay-sand and black loam.

S. Modric, first prize winner in the vegetable garden class, boasted of this in his harvest: eight different kinds of lettuce, four kinds of potatoes and four of cabbage, big white cauliflower weighing four pounds each, parsley, green peppers, broad beans and karobi, as well as all the ordinary vegetables.

Some of his seeds were imported from the New Brunswick Experimental Farm. S. Dovbniak, second prize winner, harvested 800 lbs. of potatoes, 42 lbs. of peas, green and ripe tomatoes, as well as a substantial supply of other foods.

Dr. J. B. Johnston, third prize winner, had supplies of such specialties as strawberries, raspberries and currants, along with an abundance of potatoes, beans and so on.

Other winners for vegetable gardens were Walter Sarchuk, L. Gork, C. Doman, C. Burns and J. R. Hawkins.

Flower gardens were hampered

EXAMPLES OF the lush lawns and attractive shrub and flower plantings that give Thompson residential sections an air of good grooming are shown in the scenes on this page.



Mitchell Shift Wins Garson Softball Championship



The final game of the Garson Athletic Association softball shift league had the spectators biting their nails until the end of the 10th inning, when the deciding run was scored by the Mitchell shift team to make them champions and winners of the Dave Lennie trophy. The league was organized by softball committee chairman Bernie Raymond, who was also playing coach of the victorious Mitchell team. Losing the championship by a short nose was the Pataran shift coached by Art Beaupre. The champs seen above receiving the trophy are, back row, Dennis O'Brien, Tony Koehler, mine superintendent Bruce King presenting the Lennie trophy, coach Bernie Raymond, Glen McDonald and Arnie Morris; front row, Jerry LaPalme, Charlie Chaperon, Mel Morrow and Ellard Hein. Not shown, Howie Borden, Ken Spencer, Tim Cousineau and Ellis Moratz.

by wet weather throughout the summer but still added a touch of beauty in many areas. Mr. and Mrs. Norman Kolika received first prize. Mrs. Kolika was justly proud of her rose bushes, one with 24 blooms; her gladioli of many colors and various sizes, and a wide variety of other blooms.

Mrs. A. Thornborough, second prize winner, is concentrating on perennials in her garden, and her rock garden at the back is a thing of beauty all summer long.

Mr. and Mrs. William Laing received third prize for their display in a variety of colors and arrangement, both back and front yards.

Additional winners were Carl Hnatiuk, John Zonneveld, N. McCrea, A. Quemener and John MacDougall.

Most difficult task for the judges was picking the winners for lawns. First prize was awarded to Lloyd McDonald, whose lawn was lush, green and well-cared-for all summer long. Ray Wilcox won second prize. To augment the beauty of his lawn Ray has a new hedge and imported fruit trees from the Wabowden Experimental Farm.

Robin Swain, third prize winner, maintains the secret of his lawn is a special brand of fertilizer. Other winners were C. Duncan, J. Duerr, J. Harvey, J. Waschuk and J. Selig.

Final category for the prizes was overall achievement, which includes flowers, vegetables and lawn. Mr. and Mrs. Adrian Baker were awarded first prize. Everything flourished in their gardens—lettuce grown from seeds sent from Holland, hollyhocks, four varieties of lilies, poppies, large cauliflower and cabbage and so on. Most of the trees and shrubs in their handsome arrangement are local transplants.

Mr. and Mrs. Carl Goddard, second prize winners, enjoy experimenting with many varieties of plants and flowers, as well as exchanging hints with their gardening friends. Mr. and Mrs. Art Lafontaine, third prize winners, emphasized one colour in their flower garden, but grew many kinds of vegetables with success.

Judges for 1965 were Mrs. W. Agnew, Mrs. T. Simpson, Mrs. A. Baker, Mrs. D. E. Munn, S. Prusak, G. Buckholz and A. Picard. They recommend that a horticultural society be formed in Thompson.

Howard Fletcher

"When I was eight my family moved to the bustling little community of Milnet, some 20 miles north of Sudbury, where my dad had a job in the William Milne and Sons sawmill," said Howard Fletcher. "Recently some friends of mine were curious to see where I spent my early days so I drove them out there. They got quite a shock when I stopped the car in the middle of a clearing in the bush and told them that this was the place. There's nothing left



Mr. and Mrs. Fletcher

of the old town now, the buildings have gone and Mother Nature has moved right back in."

A stroke in 1963 slowed "Fletch" down a little and led him to retire recently from the Orford building

on a disability pension after 32 years with Inco.

Born in Bracebridge in 1902, "Fletch" left Milnet for a while in 1916 when his father moved to Copper Cliff. In 1917 he left school and for two months was an office boy at Copper Cliff until the family moved back to Milnet where he went to work for Milne and Sons, first in the general store as a clerk and then in the sawmill. He also worked in Gogama and Trout Mills before joining Inco in 1933 as a laborer on the stripping floor of the Orford building. Converter tapers punching followed until he became a skimmer; in 1945 he was promoted to electric furnace boss, the job he held when he retired.

"Fletch" married Arabelle Jessup of Cache Bay in 1922 and they have raised a family of five. Ken is a foreman in the mechanical department at the Iron Ore Plant, Frank lives in Hamilton, Mickey died recently, Ruth works at the Sudbury Memorial Hospital and Garry works in Sudbury. They have six grandchildren.

"I think I'll just take it easy," said "Fletch". "I enjoy reading, T.V. and cribbage and since I retired my cribbage hands are getting better — only last week I had a 28 hand, the highest I have ever held."

Any time the going seems easier, better check and see if you're not going downhill.

Gladiators Ready for the Duz After This Duel



Playing before a record crowd at Queen's Athletic Field, St. Charles College Cardinals downed Sudbury High School Wolves 8-4 to grab first place in the Nickel District secondary school football league. The game was a cliff hanger from start to finish; at half time the teams were deadlocked at 3-3. Both lineups looked all set for a detergent commercial after playing in what can only be described as a sea of mud. Coaches Father Frank Black of the Cardinals and Warren Gingell of the Wolves thought their men had put on a pretty good show, all things considered.



Meanwhile, back in the bleachers, the Wolves cheerleaders were looking pretty and pert as they gave out with the vocal support. Left to right were Colleen Higgins, Barbara Lee, Lynn Manner, Paulette Paquette, Barbara Merriam, and volunteer Heather Smith.



K. H. J. Clarke, manager of Canadian sales and market development (second from right) talks about new nickel uses to Charles Brooks, Mrs. A. H. Galley, and Mrs. Brooks.



Grant Baker describes sights and experiences of the world cruise he recently enjoyed with Mrs. Baker (left); at right, Mrs. W. H. Armstrong.



Mrs. Charles Michener and Mr. and Mrs. Charles Cummings; in the background, chatting with assistant treasurer and Toronto office manager G. J. Marsh, is Mrs. Foster Todd of New York.



Miss Edna Browne, who was the general manager's secretary at Copper Cliff for many years, retired on pension January 1, 1945, is shown between Dr. Trevor Beckett and assistant to the vice-president Austin Smith.



Mrs. Ivor J. Simcox of California, whose late husband was general assistant to the vice-president at Copper Cliff when he retired in 1954, renewed old friendships at the banquet. She is shown second from left, with Miss Annie Nurissa, assistant vice-president L. S. Renzoni, and All Simmons.



Executive vice-president James C. Parlee (left) who was chairman, extended congratulations and best wishes to Mr. and Mrs. W. Rogers (right) who were 40 years married on the day of the meeting.

Interesting Gathering at Toronto Dinner

"Exciting things are happening in International Nickel these days," executive vice-president James C. Parlee said in briefly addressing the Toronto chapter of the Quarter Century Club at its annual dinner meeting in the Royal York Hotel on October 14. He had recently returned from a trip to the Company's refinery at Clydach, Wales; there and in Guatemala, and at other points abroad, important Inco developments were taking place. In the Sudbury area and at Thompson new mines were under development, and plant and process facilities were being expanded or

improved. "It all adds up to a huge program of progress for our Company," Mr. Parlee said.

Assistant vice-president T. M. Guetz was welcomed as a member of the Toronto chapter, having transferred from Copper Cliff.

The dinner was served in the Royal York's roof garden. Following the filet mignon the guests enjoyed a program by vocalist Ruth Walker, with accompaniment by the Paul Simmons instrumental quartet. Many Inco plants were represented among the pensioners and their wives now residing in or near Toronto who were guests.

Attending their first meeting of the Toronto chapter of the Quarter Century Club were Mr. and Mrs. Andy Zachorowski, formerly of Creighton.



Mrs. H. F. Zurbrigg was seated beside another "out-of-town guest", Frank McAteer, former Leveck mine superintendent who is now operations manager of Eximbal, the Company's subsidiary in Guatemala.



Mrs. G. J. Marsh chats with assistant vice-president F. Foster Todd, former general manager of the Manitoba division, now of New York.



Mrs. Frank McAteer of Guatemala City had as a dinner partner F. M. A. Noblet of New York, treasurer of the Company.



J. B. McConnell



D. E. Munn



I. P. Klassen

Appointments, Manitoba Division

H. W. Peterson, general manager of the Manitoba division, announced the following appointments effective September 1:

J. B. McConnell, assistant division general manager;

D. E. Munn, assistant to the division general manager;

I. P. Klassen, assistant to the division general manager.

J. B. McCONNELL

Jack Broughton McConnell joined the Company at Copper Cliff in 1947 when the matte separation and sintering departments were being set up. In 1956, following assignment in various departments of the Copper Cliff plant he became assistant superintendent of the Coniston smelter. He returned to Copper Cliff in 1958 as assistant superintendent at the Iron Ore Recovery Plant, and moved from there to Thompson in 1960 to start up the new smelter as its superintendent. He was appointed superintendent of surface operations on July 1, 1964.

Born in Saskatchewan, Mr. McConnell received his primary and secondary education in Vancouver, Edmonton and Lloydminster. He graduated from the University of Alberta in 1934 with the degree of bachelor of science in mining and metallurgy.

He worked as a miner, assayer, mining engineer and geologist for various interests in British Columbia, Ontario and Quebec until 1939, then joined Algoma Steel as superintendent of its new plant at Wawa. He was assistant manager and chief metallurgist when he resigned to come to International Nickel.

He was married in 1940 to Lilith E. McLeod of Trail, B.C. They have two sons.

He is a member of several technical societies, and of Thompson community service organizations, in which he is active. He is vice-president of the Thompson Community Centre Corporation. His hobby is lapidary work and he is also keenly interested in sports.

DONALD E. MUNN

Born at Chesley, Ontario, Donald E. Munn received his primary and secondary education there, then attended the Halleybury School of Mines.

He was one of a group of 12 graduates who came to Inco from the Halleybury school in 1938. At Frood mine he worked underground and then in the efficiency department. He had been transferred to the open pit when he enlisted in the RCAF in 1942. He returned to Inco in 1945, then the following year entered Queen's University, Kingston, from which

he graduated in 1950 with a mining engineering degree.

After four years in the mine efficiency departments at Frood and Copper Cliff he transferred to the industrial relations department.

He went to Thompson in April, 1960, as superintendent of personnel.

He was married in 1941 at Copper Cliff to Kathleen Cummings, who died in 1958 leaving him with two daughters. In 1960 he married Greta Lett of Sudbury.

He takes an active interest in community affairs as a member of the Thompson Community Centre Corporation and the board of trustees of Thompson Hospital.

ISAAC P. KLASSEN

Graduating from the University of Saskatchewan in 1942 with a degree in chemical engineering, Isaac P. Klassen joined International Nickel at Copper Cliff the same year. After experience in several operating and research departments he was appointed assistant to the manager of reduction plants.

He assisted in the designing of the new Inco plant at Thompson, to which he was transferred in January, 1960, as chief metallurgist.

He was born in South Russia but came to Saskatchewan in 1926 to settle in the North Battleford district, where his father was a pioneer farmer. In 1943 he was married to Sarah Froese of North Battleford; they have two sons and two daughters.

Technical societies and publications are among his chief interests. He is a past chairman of the Thompson branch of the Canadian Institute of Mining and Metallurgy. He makes a hobby of leather carving, and was a part-time instructor in this art at the Sudbury Mining and Technical School. Swimming and curling are his favorite recreations.

Pete Lucyk

"I have worked for nine superintendents in my time with Inco, and they were all good men to work for," said Pete Lucyk, who has retired from Frood mine on early service pension after 26 years with Inco.

Pete was born in 1901 in the town of Kaminka Nowa Budy, in the Ukraine, and came to Canada in 1927. His first job was on a farm at Biggar, Saskatchewan where he worked until 1928 when he moved to Port William and became a construction worker. In 1929 he came to Copper Cliff to work on smelter construction and

Remembrance Day Solemnly Marked



In a solemnly impressive memorial service at the Sudbury Cenotaph on Remembrance Day citizens and civic, military and service club organizations joined in tribute to loved ones and comrades killed in the wars for freedom.

In the above picture three commanding officers step forward to place wreaths at the base of the cenotaph: Major L. M. Ramsey, 33rd Technical Squadron, RCME; Wing Commander L. G. R. Virr, RCAF Station, Falconbridge; Lieut. Col. F. R. Dionne, 2nd Battalion, Irish Regiment of Canada. Prior to the ceremony at the cenotaph, which was conducted by Sudbury Legion president Angus Maclean, a combined church service was held in the Sudbury Arena. Many bands and organizations took part in the parade.



R. L. Beattie Branch of the Royal Canadian Legion, Copper Cliff, observed Remembrance Day at its anniversary dinner, which had as its distinguished speaker Brig.-Gen. Harrison R. Thyng, senior United States Air Force officer at the North Bay SAGE operation, part of the NORAD air defence command.

A special feature of the occasion was the presentation of the Legion's meritorious service medal to former branch president Tom Peters, only the second recipient in 34 years. He is shown above receiving the medal from district commander Dick Dopson; at the right is former president Lorne Garber, and in the background are Copper Cliff mayor Richard Dow, Legion president Harold Heale, and Brig.-Gen. Thyng.

one year later joined Inco as a roaster helper in the nickel reverberatory building. Laid off for a year in 1931, Pete turned his hand to

mucker at Frood mine, worked at Creighton and Murray, and made his final move back to Frood in 1958 as a dryman.

Pete married Anna Lewoczko in 1932 and the couple have a family of two, Maurice who works in Sudbury and Mrs. Stephana Hattie, living in the Soo. Of a quiet disposition, Pete will be happy to potter around his garden and go bowling once in a while. "I'm no expert at the game, but it's good exercise and I enjoy the outing."

COMBATS CORROSION

One of the most important uses of nickel alloys, accounting for 30 per cent of the nickel annually consumed in the United States, is for strong and corrosion-resistant processing equipment in the chemical and petro-chemical industries.



Mr. and Mrs. Lucyk

highway construction until he was recalled to Inco in 1933 and worked as a holding furnace helper until 1936. Unemployed for a few months, he was then hired as a

Arvi Ristimäki

Arvi Ristimäki has closed the Copper Cliff winding shop door behind him for the last time and will officially retire on service pension at the end of November after 27 years with Inco.

More than 200 of the boys from the electrical department attended



Mrs. Ristimäki

a stag party at the Caruso Club recently to wish Arvi all the best for a long and happy retirement. He was presented with a handsome set of luggage, a beautiful scale model of an electrical transformer and a well-filled purse.

Born in Helsinki, Finland, in 1900, Arvi came to Canada early in 1930 when dark depression was stalking the land. Unable to find immediate employment, Arvi was planning to take the next boat back to Finland, but was advised by the Finnish Consul to "at least see it all while you are here." Arvi stayed, and through a friend in Sudbury found his way to Inco where he was hired as a shop winder.

"There were 14 people employed in the winding shop when I started, but by the end of 1930 there were only four of us left, Dick O'Connor, Bill Beckett, Eino Kannerva and myself, and we were only working four days a week," recalled Arvi.

He broke his service twice to return to Finland for holidays, once in 1934 and again in 1938. Married to Aino Kalliokoski in 1938, Arvi settled down and called a halt to extended vacations to the old country. In 1953 he was promoted to junior electrical foreman, and three years later was made winding shop foreman when Art Flowers retired.

The immaculate garden with the tall trees around the Ristimäki house on Riverside Drive in Sudbury will keep Arvi busy spring, summer and fall, and good books will keep him happy through the winter. Back trouble bothered him during the forties, but Arvi said, "When I got rid of my last hand-cranked car I got rid of my back trouble, and I don't think it will



Murray McKenzie

CRAZY CAPERS AT THOMPSON HIGH SCHOOL INITIATION DANCE

If the students put as much enthusiasm and imagination into their studies as they do into their annual initiation capers, Thompson High School will roll up the highest passing percentage in the history of Manitoba education. Here are a few of the 'way-out' getups that made the big dance at the school auditorium really a sight to behold.

ever bother me again. I've got all the time in the world now, and I'm just going to take it easy."

Armand Ranger

"My garden has kept me busy all summer," said Armand Ranger, "and in spite of the weather this year I managed to show a profit of \$125 from my raspberry patch beside the house. The winter is going to be a problem, but I'm sure I'll find something to keep me busy."

Better known to his workmates as "Bon Homme", Armand retired on service pension after nearly 25 years with Inco. Born on a farm in Chelmsford in 1900, he was the eldest of eight children and at the age of seven was through school and putting in a full day's work on the farm. In 1919 the family moved to a bigger farm near Hanmer where Armand continued to work until 1925 when he married Celina St. Armand and settled on the old family farm at



Mr. and Mrs. Ranger

Chelmsford. "The house had been closed up for six years and had become a wild life refuge for small furry animals. It took quite a while to clean them out," said Armand.

General farming kept him busy until 1940 at which time he joined the Inco transportation department and worked on the slag dump for Fred Hanna. In 1946 Armand became a truck driver and in 1955 he made his last move to trackman, caring for track lamps and greasing switches.

In 1961 Armand built a fine new

home in Hanmer, with a large garden in which he will spend his summers tending his berry patch, his vegetables and his flowers, enjoying his retirement.

Abel Maki

After 32 years with Inco at Creighton No. 5 shaft Abel Maki has retired on service pension. Born in 1900 in Kurikka, Finland, he came to Canada in 1917 and worked as a bushman in Parry Sound and Sudbury until he joined Inco at Creighton in 1929 as a mucker. Laid off in 1930, he worked for the City of Sudbury



Mr. and Mrs. Maki

until 1933 when he returned to Creighton as a driller. He was a timberman leader in 1963 when he transferred to surface and worked as a tool sharpener until his retirement.

Abel was married to Helmi Ahl in 1926. Mrs. Lily Cushman is their daughter.

With a camp on Black Lake and a new house on Ontario Street in Sudbury, Abel plans to be busy during his retirement years building and fixing all the things that he just never had time to tackle before.

Young chap to friend: "He just doesn't plan for the future at all. He's getting married next month and hasn't even found her a job."

This was the head table group at the retirement dinner for Copper Cliff electrical department's Arvi Ristimäki, held at the Sudbury Caruso Club. The guest of honor is seated in the centre, with pensioner Ted Dosh and electrical superintendent A. E. Prince on the left, and Bill Van Allen and reduction works manager R. R. Saddington on the right. Standing are Jack Tincombe, Albert Langlade, Bill Klemp, Barvey Hamilton, Bob Bell and George Charland.



Rene T. Dionne



First Home-Grown Scholars at Thompson

Thompson is certainly getting its roots down in northern Manitoba. While still a "new town", the home of the world's second largest nickel plant last September saw eight "first generation" boys and girls start school. Children of families who located in Thompson in 1958 and 1959, the sturdy youngsters shown above share the distinction of being the first home-grown scholars to

enter their town's burgeoning school system. On the left are Candace, daughter of Mr. and Mrs. C. Alguire (Inco); Joey, son of Mr. and Mrs. E. Nicholson (Inco); Margaret, daughter of Mr. and Mrs. R. Faickney (Inco). In the centre: Robert, son of Mr. and Mrs. G. Gereghy (Inco); Mary Elizabeth, daughter of Mr. and Mrs. E. J. Devine (Patrick Harrison Co.); Vern, son of Mr. and Mrs. G. S. Hambley (Inco). On the right are Roxanne, daughter of Mr. and Mrs. R. Bibeau (Local Government District Engineer), and David, son of Mr. and Mrs. B. Delemon (Jackson Brown Store). Thompson now has three elementary schools, with a fourth to open in January, giving a total of 28 teaching rooms, and a 20-room high school, all built by International Nickel as part of its dowry to the new town. The total enrolment as of September 30 was 1508.

Rene Charbonneau, recently retired from Frood mine, is shown enjoying a visit with his father, at Pioneer Manor. The senior Mr. Charbonneau, who worked for the Canadian Copper Company at Copper Cliff in 1892, is 95 years old and fit as a fiddle.



Rene Charbonneau

"I was one of a family of 16 children, and times were hard so I left school when I was 14 to help my dad," said Rene Charbonneau, who retired from Inco recently on disability pension after more than 25 years of service.



Mrs. Charbonneau

Born in 1911 on a farm in Hamner, Rene tried farming, cooking, bartending and steam fitting before he joined Inco at Frood Mine in 1939 as a timberman. In 1942 he was transferred to the Frood open pit where he operated a churn drill until 1950 when he went back underground as a driller. In the following years he was level boss, motorman, tippleman, and was a switcher on 800 level at the time of his retirement. A heart attack in December of 1964 decided things for Rene and now he plans to devote his time to the social work that has been his part-time hobby for many years.

Rene was married to Marie Proulx in 1930 and the couple are

proud of their family of four. Mrs. Lucille Hirvela lives in Sudbury, her husband is an electrician at the Iron Ore Plant; daughter Carman is Sister Marie Jacinthe with the Gray Nuns of The Cross in Ottawa, Ronald works in Sudbury and Dennis, 16, is attending Sheridan Technical School.

The Triangle camera went along with Rene to Pioneer Manor to visit his father Jules, who at the age of 95 is a spry old gentleman with amazing vigor and an excellent memory. The old gentleman was born in Clarence Creek near Ottawa in 1869 and came to Copper Cliff in 1892 to work for

the Canadian Copper Company loading "jimmy" cars at the roast beds. He recalled that he was on piece work at 75¢ a car, and loading two cars was a 12-hour day's work. But in that era leaf tobacco for the pipe was 20¢ a pound. At one time five of Jules' sons were on the Inco payroll.

Asked to what he attributed his excellent health and his longevity, Jules patted his stomach and said, "Start the day right with a good breakfast — it's the most important meal of the day and should include meat. Keep busy and make a point of never seeing daylight from your bed."



Canapini's Essos Had a Tiger in Their Tank

"There was only one or two runs difference one way or the other all through the final series, so it was a real battle right down to the wire," said chairman Ray Smythe, reporting the results of Copper Cliff Athletic Association's softball league. Canapini's Essos squeezed past Italian Club, the league leaders, to take the Dar-

raugh trophy.

Shown above are the victors: front row, Chick Cecchetto, Larry Martel, Paul Aloisi, Angelo Cundari, Bud Flindall, Teedy Leclair, Eddie Kavanaugh; standing, Gordon McLean, secretary of the CCAA, who presented the most-valuable-player trophy to Gordie Camilucci (beside him); Owen

O'Reilly; Bill Darrach, who presented his firm's trophy to manager Freddie Lécuyer (beside him); Lino Canapini, team sponsor; Joe Sauve and Cy Fay. Not shown are Brian Ceppetelli, Bob Wein and Dino Moroso.

Manager of the Italian Club runners-up was Ronnie Pagan, and the other teams in the hotly contested loop were Research (Ken Kaye) and Park Lane (Ed Lacoste).



Wearing a broad grin and holding the classy fishing rod that was his parting gift, Larry Jones is seen bidding farewell to assistant superintendent Archie Mossie and a bunch of the boys at the end of his last shift at Creighton mine 5 shaft. Among those shown gathered around Larry are Nelson Crowder, Doug Brown, Eric Kossatz, Wolter Hitchman and Leo MacDonald.

Larry Jones

"Things are pretty good down the mine these days compared to when I started," said Larry Jones. "The good ventilation, the way they keep the water pumped out, all that mechanical equipment to work with. I can tell you it wasn't easy to quit but I've got a bad leg and the days were getting long so I took an early service pension."

Born in Sudbury in 1901, Larry was raised in Garson and at the age of 16 started his working life at Garson Mine with the Mond Nickel Company as a laborer in the rock house. Two years later he joined the British America Nickel Company at what is now Murray mine as a track laborer and stayed there until 1920. The next two years he spent with the Spanish River Pulp and Paper Company at Espanola, followed by five years back at his dad's farm at Garson.

In 1927 Larry returned to the

Mond at Garson mine, was transferred to Frood in 1933 and made his final move the same year to Creighton, where he became a motorman. He was level boss in 1953 when he was injured and hospitalized for two months, after which he returned to the mine as a powderman, the job he held at retirement.

Larry married Jane Raymond in 1924. Mrs. Jones died in 1964. Surrounded by his family of nine, Larry will still be very much in touch with Inco. Son Lawrence is a shaftman at Creighton Mine, Leo works in Sudbury, Tommy is a hoistman at Creighton, daughter Mrs. Doris Morissette lives in Waters township, Raymond works in the warehouse at the Iron Ore Plant, Ken works at Creighton mill; Mrs. Ruth Marier lives in Levack where her husband Andre is a stope boss; Mrs. Frances Dufresne lives in Waters township, her husband John a driller at Creighton; son Richard tends the crushers at Creighton mill.

Sparks Sharks Entertain Wives at Dinner-Dance



A bumper total of 112 couples left their "ohms" to attend the Copper Cliff electrical department welfare association's seventh annual dance and supper at the Italian Club in Copper Cliff. The gang danced until midnight to the music of the Commodores and then sat down to a delicious chicken and spaghetti supper. Clockwise from the left at this table were Yvonne Albert, Don Finlayson, Hazel Davis, Marlene Moulton, Marilyn Hodgins, Dorothy Finlayson, Effie Williamson, Eileen Joyce, Dewar (Big Daddy) Williamson, Jack Hodgins, Fred Davis, George Joyce and Harley Moulton.



The four couples shown here taking a breather from the dance floor are Joe Steele, assistant electrical superintendent, (L) Rose and Chester McGilvary, Elva Parker, Cliff Parker, Mary Finlayson and her husband Malcolm and Greta Steele. It was unanimously agreed that entertainment chairman Albert Preet and his assistants had done an excellent job organizing the party.

Old Compressor Has Long Service with the Company



Still sitting up there as proud and chipper as can be, and ready to do a job if called on, is this old PRE 3300-cfm Rand compressor, manufactured in 1915. She saw long service at Levack, Garson, and Crean Hill before being moved in 1958 to Thompson where Roy Serpell set her up in business. Now of course the big 20,000-cfm blowers do the work at Thompson, but the old Rand is still kept as a standby. Bill Chaddock of the Thompson mechanical crew is shown beside her. He and George Shepherd (now Stobie) and Joe Serpell (now Creighton), used to have the odd argument with her when she was operating at Crean Hill when the mine was being rejuvenated. "Sometimes her air gap would get out of whack, but Joe knew just the right place to tap her with a flat bar and make her run smooth again," Bill Chaddock said.

Telephore Cayen

Born in 1902 in Chelmsford, in a family of 10 children, Telephore Cayen was eight years old when his father moved to Blezard Valley. At the age of 12 he was sent east to school in Ottawa where he stayed for exactly 30 minutes before homesickness overwhelmed him and he headed for home to find work on a Valley farm at 50 cents a day.

Retired recently on disability pension after 15 years with Inco,

the Department of Highways followed and then seven years with Laberge Lumber Company in Sudbury as a truck driver.

In 1947 he came to Inco as a laborer in the nickel reverberatory building where he worked on the back tracks. From there he moved to fitter tender and then to elevator operator until sickness sent him to the Sudbury Sanatorium for a year and a half. He returned to Copper Cliff on light duty for a while and then decided that it would be best to take a disability pension.

Telephore was married to Vivienne Gauthier in 1926 and they have a family of seven, Roger in Sudbury, Mrs. Jean Leblanc in North Bay, Bernard in Sturgeon Falls, Mrs. Jacqueline Ralph in Sudbury, Richard and Raymond in Sudbury and Madeleine, 18, in grade 12 at Sheridan Technical School.



Mr. and Mrs. Cayen

Telephore recalled that when he was 16 he left the farm to work for the next 14 years on the CPR as a section hand. Four years with

EXPLORING FOR THE FUTURE

To ensure the future availability of nickel, the world's principal producer of the metal, the International Nickel Company, spends \$10 million annually on world-wide exploration for new mines.



IN THE NON-PUMPER BRIGADE competition at the Copper Refinery Vincus Davelekis demonstrates the proper technique of fighting a gasoline fire with a 20-pound dry chemical extinguisher.

Levack Town and Crean Hill Take Top Spots in Fire Brigade Contest

Under the expert direction of chief John Mallek, the Levack town pumper brigade successfully defended their championship when, for the second year in a row, they finished first out of a field of 11 in the Inco annual fire brigade competitions with a time of two minutes and 46 seconds. Edged out of first place for the

second year running, the Levack mine pumper brigade were a big one minute and four seconds behind the victors.

In the non-pumper brigade competitions, the Crean Hill brigade, under Chief Bill Los, grabbed top honors by completing their competition tests in one minute and 36 seconds, 12 seconds better than



A DIFFICULT EVOLUTION, simulating the rescue of a fireman overcome while using a hose in a smoke-filled building, is performed here by Tracy Hobden and Dennis Raynor, Copper Cliff firemen. Wearing blindfolds and breathing apparatus, they follow the hose to its nozzle and then grope for the victim, who in this case was Bill May.



HOSE DRILL WITH TARGETS was another phase of the fire-fighting competitions. Here Jerry Tovey and Gerry Forcier of the Lively brigade are shown in action; at the right is Arnold Hanson.



LEVACK TOWN BRIGADE, again victorious in the pumper class, is shown above: back row, Roland Watier, Howard Romain, Gaston Rousseau and Stan Piaskowski; front, Dave Purvis, chief John Mallek, Garry Locelle and Bill Bushnell.



CREAN HILL BRIGADE came through with flying colors in the non-pumper competition. Back row, Jack O'Connell, Mike Brennan, Cliff Longman, Steve Gazdic, and Roger Armstrong; front, Ray Condie, chief Bill Los, Len Hynes and Len Tremblay. Missing from the picture: Pat Phillips.

the Murray mine brigade who finished in second spot. There were 15 non-pumper brigades competing.

The pumper brigade competition was divided into three evolutions, hose drill with targets, use of breathing machines in rescue operations, and pumper driver tests.

The second evolution was included in both pumper and non-pumper brigade competitions, and was designed to test the fire-fighters' sense of touch and direction in entering a building full of dense smoke to rescue a fellow fireman who had entered the building with a hose and had been overcome. Two rescuers from the brigade donned breathing machines and were securely blindfolded. At the starting signal they were guided through a three-foot opening and had to follow a snaking hose for a distance of 50 feet to where the victim lay. The victim was placed within a radius of eight feet from the hose nozzle. After locating the victim, the rescuers were required to use the standard two-man lift and carry him back along the hose to safety. This proved to be a much more difficult test than it looked, and two of the 11 brigades failed to locate the victim, resulting in the firemen wandering off into space.

The non-pumper competitions consisted of five evolutions, hose drill with targets, use of breathing machines, fire equipment identification, fire fighting and fire fighting tactics.

The evolutions were devised by Inco fire inspector Bill Humphries, and the competitions were run off during the month of October. He said he was well satisfied with the results of the competition and complimented the men on their keenness, their high standard of training and their resourcefulness in the face of emergency.

All told, there are 13 pumper brigades and 15 non-pumper brigades on call around the clock to protect Inco plants and communities, comprising a force of some 457 men. Throughout the area the fire department has a grand total of 354 fire hydrants to inspect and maintain. Each and every hydrant is inspected thoroughly twice a month to ensure that it is in good working order.

Fire inspector Humphries points out that firefighters are called upon to perform arduous tasks which demand that they be in top physical condition. Regular physical check-ups of all brigade members can ensure that the fireman himself will not end up as a casualty due to an unusual amount of exertion.



70 Boys Had Big Season at Lively

With five teams of approximately 70 budding Yogi Berras, the Lively Athletic Association's softball house league, organized by Gil Turgeon, had an excellent season despite the running opposition of vacations and boys' camps. In the semi-final series, Magill's Pharmacy were defeated three games to two by Lively Athletic Association, while Bob's Esso were defeated three games to two

by Soucies. In the final series Lively Athletic Association downed Soucies by a resounding four games to one. Coaches shown in the picture with a flock of the young players are, kneeling: Gill Turgeon and assistant coach Butch Cretzman, Lively Athletic Association; standing: Jim Kirk, Magill's Pharmacy; John Fahey, Bob's Esso; Bill Ross, Cochrane's; and Garry Fay, hard working chairman of the softball committee. Not shown is Jack Blackwell, coach of Soucies.

Jim Smith

Jim Smith was 13 years old when he traded his school pencil for a shovel and went to work firing steam boilers at an iron ore mine at Aslam-in-Furness in his native county of Lancashire, England. Some 52 working years later, 40 of them with Inco, he has retired from Creighton mine on full service pension.

Born in 1900 in Barrow-in-Furness, Jim laid aside his shovel in 1915 and joined Vickers Limited as a machinist on a five-year apprenticeship at the going rate of about \$4 a month. As was the custom, at the end of his apprenticeship, Jim left Vickers Limited to prove himself in industry and walked right into a depression which forced him to live on the "dole" for the next two years. In 1923 he came to Canada to friends in Copper Cliff and started work with Inco at Creighton mine as

Secondary School and Ken works in Sudbury.

The Smiths own and live in a well preserved and very comfortable log house in Creighton. The house was built for the first superintendent of Creighton mine in 1901 and was relocated on its present site in 1928. "They don't make homes like this any more," said Jim as he settled back in his favorite armchair beside the open fireplace. "We'll not be moving from here."

Donat Normandeau

"I was born and raised on the East coast so you can bet that I enjoy fishing and a good meal of fish, and now I have all the time in the world to wet my line!" enthused Donat Normandeau. "We've sold our house and now the wife and I plan to winterize our camp at St. Charles on the West arm of Lake Nipissing and live there."

Donat retired recently from the Copper Cliff smelter on early service pension after 29 years with Inco.

Born in 1902 in Carleton, P.Q., Donat had gone as far as he could in school by the time he was 12 years old so began working full time on the family farm. At 15 he started cutting bush roads for the lumber company at Nouvelle, and for the next six years wandered foot-loose and fancy-free. He worked for the Fraser-Brace construction company at Three Rivers until 1928, when he was transferred to Copper Cliff on construction of the new smelter.

Another time he was back in Copper Cliff to help dismantle an old brick stack. "We worked at the top and pulled it apart brick by brick. One day I dropped my jacket and the news was all around that a man had fallen from the top of the stack." When the stack job was done Donat spent one win-



Mr. and Mrs. Normandeau

ter cutting ice for the Joudouin Ice Company in Sudbury.

In 1935 Donat joined Inco as a laborer in the Orford building at Copper Cliff working on the stripping floor. During the following years he worked at various jobs at Copper Cliff and Coniston. He was a tapper on the blast furnaces

when he suffered a heart attack in late 1963. Three months later he returned to the Orford building where he was on light duty until his retirement.

Donat married a Chelmsford girl, Isabelle Charbonneau, in 1930 and they have raised a family of six: Roland in Montreal, Mrs. Jacqueline Caravaggio in Toronto, John Paul in St. Catharines, Mrs. Claire Burns in Hamilton, Mrs. Martha Allen in Kingston and Mrs. Helen Caron in the Soo.

NICKEL MARKETS

The largest market for nickel is in production of high-quality stainless steel, some 215 million pounds of nickel, in 1964, going into production of the versatile alloy throughout the Free World. The second largest market, an estimated 98 million pounds, is in nickel plating.

Quebec Premier Inco Luncheon Guest at Copper Cliff



Premier Jean Lesage of Quebec was a distinguished visitor at Copper Cliff when he came to Sudbury to address a capacity audience of the Canadian Club, on his way home from a speaking tour of Western Canada. He is seen above, second from the right, at a luncheon at the Copper Cliff Club with Peter Soutar, president of the Sudbury Canadian Club, Inco assistant vice-president T. M. Goetz, and Canadian Club past president L. W. Luke.



Mr. and Mrs. Smith

a laborer. Two months later he joined the British America Nickel Corporation at Murray mine as a tuiere puncher and stayed with them until the company folded in 1924, whereupon he returned to Inco at Creighton mine as a belt picker in the rockhouse. In 1925 he transferred to the machine shop where he has worked as a machinist ever since.

Married in 1925 to a Yorkshire lass, Catherine O'Connell, Jim became the father of two sons, Jim junior is vice-principal at Lasalle