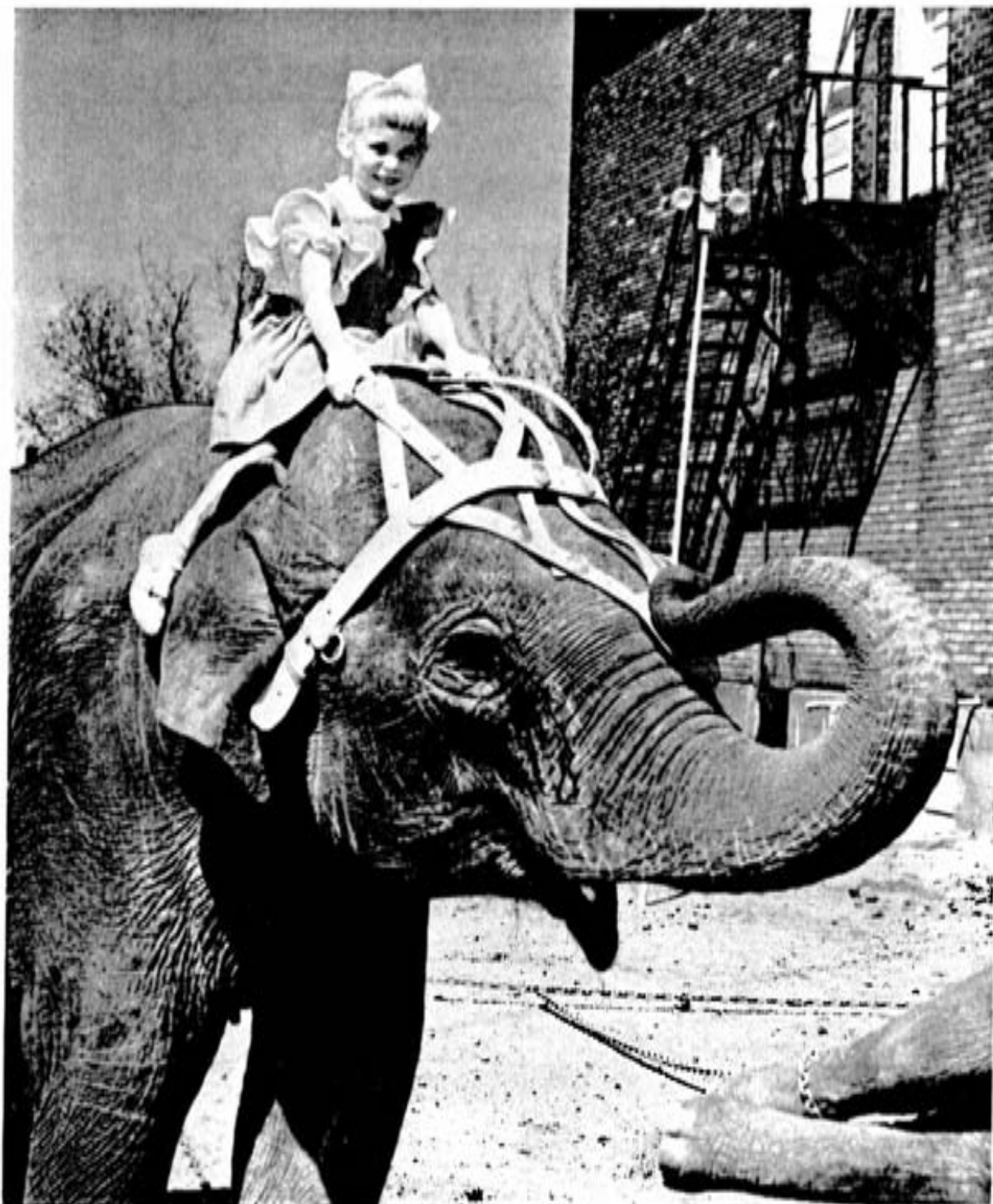


INCO TRIANGLE

VOLUME 24

COPPER CLIFF, ONTARIO, MAY, 1964

NUMBER 2



No Dares for Debbie

(Story on Page 12)



Published for all employees of The International Nickel Company of Canada, Limited.

D. M. Dunbar, Editor
H. L. Meredith, Assistant Editor
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Big New Projects On Inco Program Chairman States

New mines, plants, and products were announced when International Nickel's chairman of the board, Henry S. Wingate outlined "some of the major projects we are undertaking which will add to the strength and growth of the Company and to its earnings potential, and will enable us to serve our customers better".

The vigorously progressive program was set forth in the chairman's address to the Company's shareholders at the annual meeting in Toronto April 22.

New Mine Near Thompson

Highly important among the projects, Mr. Wingate said, is the development of a new mine, presently called the Birchtree mine, in an ore body which we have discovered in the Thompson area of Manitoba. This is the first public announcement of the discovery of this ore body, which is separate and distinct from our Thompson mine. While the Birchtree mine is not expected to be comparable in size to our Thompson mine, the grade of the ore is good and the indicated quantity is sufficient to warrant immediate mining. We will start the sinking of a produc-



The Birchtree Drill Camp

As have many similar scenes before it, this group of temporary buildings in the northern woods takes a place in Canadian mining lore as the first stage in the development of an important new mine. This is the diamond drill camp in the Thompson area from which Inco's new Birchtree orebody has been explored. Sinking of a production shaft will commence this summer and the mine should be ready for production in 1968.

tion shaft at Birchtree by mid-summer of this year. The mine should be ready for production in 1968.

We are not taking steps to increase our milling, smelting and refining facilities in Thompson since we do not presently plan an increase in total production from the Thompson area when the new mine comes into operation. However, it will be of great value to have our Thompson operations no longer dependent upon a single mine, and we will be in a stronger position to expand our total production from that area if and when the need arises. The new mine can be served from the town of Thompson and therefore a new town site is not required.

In the Sudbury District of Ontario, we are continuing our mine development program, and I have several announcements to make relative to our progress in that area.

Crean Hill New Producer

First, we will bring into production this year our new Crean Hill mine. When operations start this year, Crean Hill will become our seventh producing mine in Ontario. The Copper Cliff North mine — which is actually the underground portion of an ore body already being surface-mined and known as the Clarabelle mine — is under development for future production. Further, the Creighton mine, our oldest mine, is being extended to new lower levels — deeper underground than any ore body ever mined in the Sudbury District. These three mining projects will enable us to maintain our present production capacity in the Sudbury District.

New Oxygen Plant Slated

Also in the Sudbury District we will begin construction this year of a new oxygen-producing plant which will bring our total oxygen-producing capacity to over 1,000 tons per day, or more than three times the capacity of our present plant. This step is part of a major program to extend the use of oxygen at our Copper Cliff smelter. As a result we will sharply increase the efficiency of fuel utilization in our smelting operations and, in addition, be able to initiate other im-

portant process improvements. It is anticipated that the greater use of oxygen will materially assist in counteracting the upward trend of overall costs.

New Nickel Product

Another new project in the Sudbury District arises from our development of a new form of primary nickel, nickel oxide sinter 90. This will make available another important alternative form of nickel for the various technological practices in modern steel making. The new product, a modified form of our present nickel oxide sinter 75 which we will continue to market, is an intermediate product of extractive metallurgy containing about 90 per cent nickel and with lower impurities and lower oxygen content. Already produced in large pilot plant operations and proven in tests at the plants of steel producers, nickel oxide sinter 90 is expected to be used mostly in the production of wrought alloy steels and stainless steels. A plant at Copper Cliff to produce the new intermediate product in tonnage quantities has been authorized and will be completed by the end of 1965.

Nickel oxide sinter 90 adds significantly to the Company's wide range of specialized primary nickel products for particular applications. These products include electrolytic nickel, nickel pellets, nickel oxide sinter 75, nickel oxide, nickel anodes for plating, nickel powders, "S" or "SD" nickel, nickel shot, "F" nickel and nickel chemicals.

Modernize at Clydach

Overseas, a forward capital expenditures program now being engineered encompasses an important modernization project at our nickel refinery at Clydach, Wales. This involves a departure from techniques the Company previously has employed for the reduction and volatilization phases of the carbonyl extraction process for the production of refined nickel in pellet or powder form. New equipment will be installed, replacing existing multi-hearth furnaces, which will be capable of processing one-half of the present nickel output of the refinery. Hydrogen, instead of water gas, will be used as a reducing agent in the new operations. A number of buildings are

to be erected to house the new equipment and the related activities such as materials handling, process control and instrumentation, as well as a unit for the production of hydrogen.

At Hereford, Huntington

Turning to our rolling mill divisions, we have two major programs underway. One is the modernization and concentration at Hereford in the United Kingdom of the rolling mill operations formerly carried on at Birmingham and Glasgow as well as at Hereford. The program will be completed this year with the installation of a hot sheet mill. The second program, at our Huntington, West Virginia, plant, consists of the construction of a new rolling mill and forging press, to be completed this year, and the installation of new facilities for the production of sheet and strip, to be completed in 1965.

New Research Labs

Finally, we are in the midst of significant expansion of our research facilities, with new research laboratories in the Ontario Research Community outside of Toronto and in Sterling Forest, near Suffern, New York. The new laboratories will help to safeguard and advance the position of nickel

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VISITOR FROM LONDON



Michael G. Draco, public relations officer of The International Nickel Company (Mond) Limited, London, recently visited the Company's operation at Copper Cliff. He is shown here at the famous Frood-Stobie Open Pit, where surface mining is completed and underground stopes are breaking through the pit bottom.

THOMPSON DELEGATES



Linda Gibson and Susan Sirka, in grades 11 and 12 respectively, were chosen to represent Thompson High School at the eighth annual model United Nations Assembly held in Winnipeg. Sponsored by the Thompson Rotary Club, they were elected to speak for Paraguay. Their parents are Mr. and Mrs. Gerry Gibson and Mr. and Mrs. Arvo Sirka.

INCO FAMILY ALBUM



One of the nicest families the Triangle camera has focussed on in some time is that of Laurier Banin pictured with his wife Rita and their quintet of daughters: Claudette, a nurse in Ottawa, Pauline, a secretary at Sudbury General Hospital, Michelle, 19, Suzanne, 13, and Carmen, 8, attending school. A toolfitter at Murray mine, Laurier is an ardent moose hunter.



Romea Boutat lives in New Sudbury and works at Creighton mine in the 8 shaft area. Here he is with his wife Debra, daughter Cheryl, who is 14, and 11-year old Robert.

RIGHT: Elmer Heikkila came from Cobalt eight years ago and worked at the Copper Refinery until last month when he transferred to the Clarabelle Open Pit. His wife's name is Anne, the children are Shane, 7, Sherri, 17 months, the twins Mark and Michael, 5, Alan, 4 and Farley, 3. They live off the Kelly Lake Road.



Marcel Brunet, his wife Claire, and their four happy youngsters represent Copper Cliff this month in the Album. The children are Bobby, 9, Andy, 7, Gilles, 5, and Lynn, 2. Marcel works on the reverbs and his home borders St. Charles Lake.

RIGHT: Gordon Ferguson came to Thompson from Lethbridge, Alberta, about two years ago, is now head tube filterman in the nickel refinery at Inco. He is shown here with his wife Alice and children Gordon, 9, Nadine, 7, and the irrepressible Tim, 3.



A security officer at the Nickel Refinery in Port Colborne, Ross Force is also a very proud and happy family man. With him and his wife above are shown their four children, Gary, 12, Lori, 4, Marilyn, 13, and Doug, 16.



Frank Visockas is a stope leader at Frood where he has worked more than 13 years. He recently bought a home in Skead, a move that won hearty approval from his family. He's pictured there with his wife Bertha, young Frank, 12, Valerie, 11, Vicki, 3½, and Victor who is just past 2.





R. H. Waddington



A. P. Gagnebin



James C. Parlee



T. M. Goetz



F. F. Todd



H. F. Zurbrigg



L. S. Renzoni

Elections of Executive Officers

Ralph H. Waddington has been elected senior vice-president of The International Nickel Company of Canada, Limited, Albert P. Gagnebin and James C. Parlee were elected executive vice-presidents, and John A. Marsh a vice-president, at the annual organization meeting of the Board of Directors, it was announced April 24 by Henry S. Wingate, chairman of the board of the Company. All other officers were re-elected to their previous posts.

At the same time, Mr. Wingate announced that Theodore M. Gaetz, F. Foster Todd, H. F. Zurbrigg and Louis S. Renzoni have been newly elected as assistant vice-presidents of The International Nickel Company of Canada, Limited.

RALPH H. WADDINGTON

Ralph H. Waddington has been vice-president of the Company since May, 1960. He was appointed assistant vice-president and general manager of the Ontario Division in 1958, continuing in that position until 1962. He joined International Nickel in 1923 at the Port Colborne works as a chemist, becoming assistant superintendent of the electrolytic nickel refining department in December, 1926. In 1935 he was transferred to Copper Cliff as assistant superintendent of the Company's Copper Refining division, of which he became superintendent in 1939. Seven years later he was made general superintendent of refineries and in 1952 was appointed assistant to the vice-president.

Mr. Waddington was born in Leicester, England, and came with his family to Lethbridge, Alberta, in 1907. He is a graduate of Queen's University, Kingston, with the degree of Bachelor of Science in metallurgical engineering.

ALBERT P. GAGNEBIN

Albert P. Gagnebin has been vice-president of the Company since May, 1960, and vice-president

of its United States subsidiary, The International Nickel Company, Inc., since October, 1958. In April, 1956 he was appointed manager of the former primary nickel department of that subsidiary, after having served as assistant manager of the department from January, 1955.

Mr. Gagnebin's association with International Nickel dates from 1930. After graduate studies in metallurgy, he joined Inco's research laboratory at Bayonne, New Jersey, in 1932 and devoted himself to research on ferrous metals. Prior to his affiliation with the primary nickel department, he was in charge of the ductile iron section of Inco's Development and Research division. He became a member of that section in 1949, where he was active in the industrial development of ductile iron, of which he is co-inventor. In May, 1952, Mr. Gagnebin was a co-recipient of The Peter L. Simpson Gold Medal award of the American Foundrymen's Society for outstanding work and development in the field of ductile iron.

Mr. Gagnebin received his Bachelor of Science degree from Yale University in 1930 and his Master of Science degree (metallurgy) in 1932.

JAMES C. PARLEE

James C. Parlee has been vice-president of the Company since 1960. In 1963 he was placed in charge of all the Company's operations in Canada. He joined International Nickel in 1933 and after broad experience in the mines and reduction plants at Copper Cliff, was appointed mill superintendent in 1944. Four years later he was appointed assistant general superintendent of the Mining and Smelting division and, in 1954, was promoted to manager of reduction plants. In 1957 he became manager of the Manitoba division when it was established with head-

quarters at Winnipeg. Mr. Parlee was elected assistant vice-president and became general manager of the Manitoba division at Thompson in 1958.

A native of Edmonton, Mr. Parlee is a graduate of the University of Alberta there, receiving his Bachelor of Science degree in mining and metallurgy in 1933.

JOHN A. MARSH

John A. Marsh has been president, Huntington Alloy Products division of The International Nickel Company, Inc., since May, 1960. He was elected vice-president of that Company in 1953 and was appointed manager of the Huntington division in 1958. He joined International Nickel in 1928 as a laboratory assistant at the Huntington works. In 1936 he was appointed assistant general superintendent of the Company's Bayonne, New Jersey, works and in the same year became general superintendent. He returned to Huntington in 1942 as general superintendent of the works and in 1944 was appointed assistant general manager. In 1947 he became assistant to the vice-president and in 1952 he was promoted to assistant vice-president of The International Nickel Company, Inc., as well as manager of the operating department in charge of all United States plants of the Company.

A native of Lake Bluff, Illinois, Mr. Marsh was graduated from the University of Michigan in 1928 with a Bachelor of Science degree.

THEODORE M. GAETZ

Theodore M. Gaetz, who was elected assistant vice-president of The International Nickel Company of Canada, Limited, continues also as general manager of the Company's Ontario division. He has been general manager since 1962 after having served as assistant general manager of the division since 1960. Mr. Gaetz joined International Nickel in 1930 as an efficiency engineer at the Creighton mine, having previously worked, while a student, in mining, surveying and prospecting for McIntyre Porcupine Gold Mines in northern Ontario. Mr. Gaetz became underground foreman at Inco's Frood mine in 1934, underground superintendent at Creighton mine in 1936, and operating engineer at Frood mine in 1938. Two years later he was appointed assistant superintendent at Creighton mine, and was made superintendent of the mine in 1941.

In 1946, Mr. Gaetz was appointed assistant superintendent of mines at Copper Cliff and, in 1954, superintendent of mines. He became manager of mines in 1958 and assistant to the general manager of the Ontario division in 1959.

Mr. Gaetz was born in Red Deer, Alberta, and received his Bachelor of Science degree from Queen's University, Kingston, Ontario, in 1930.

F. FOSTER TODD

F. Foster Todd, who becomes assistant vice-president of The International Nickel Company of Canada, Limited, will continue to be general manager of the Company's Manitoba division, a position he has held since 1962. Mr. Todd joined International Nickel at Copper Cliff, Ontario, in 1929 as an engineer at the Frood mine, becoming a safety engineer in 1937 and general foreman of the Levack

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Appointments



W. R. Koth



G. A. Dick



E. F. Robeau



C. C. Dunkley

On April 27 assistant vice-president and general manager T. M. Gaetz announced the appointment, effective May 1, of Warren R. Koth to the position of manager, Nickel Refining division, Port Colborne.

Mr. Gaetz also announced the following appointments in the Copper Refining division, Copper Cliff, effective May 1:

G. A. Dick, manager, Copper Refining division;

E. F. Robeau, assistant manager, Copper Refining division;

C. C. Dunkley, assistant manager, Copper Refining division.

WARREN R. KOTH

As manager of the Nickel Refining division, Port Colborne, Warren R. Koth succeeds J. Howard Tuck, who is retiring on disability pension after an association of 27 years with Inco at Port Colborne.

Mr. Koth had been manager of the Copper Refining division at Copper Cliff since 1958.

He joined the Company at Copper Cliff in 1929 as tankhouse superintendent at the Copper Refinery, prior to which he had been associated with the U.S. Metals Refining Company in Carteret, New Jersey. He was appointed casting and yard superintendent in 1931 and three years later was promoted to superintendent of tankhouse departments. He became a plant operating engineer in 1951.

In 1955 Mr. Koth was made assistant to the manager of the Copper Refinery and in 1957 he became assistant manager.

A naturalized Canadian citizen, he was born in Bay City, Michigan, April 12, 1907, and attended Bay City Junior College.

Active in Sudbury community affairs, Mr. Koth served at city alderman from 1940 to 1947; on the Arena Commission from 1946 to 1950 and 1957 to 1964; and on the Sudbury High School Board from 1953 to 1957. He was a governor of Sudbury Memorial Hospital.

Mr. Koth married Helen F. McIntyre at Perry, New York, in 1930. They have two sons, Alan R. and Norman Paul.

(Continued on Page 13)



At their largely attended retirement dinner at the Rathfon Inn, Mr. and Mrs. McIntosh chat with Inco president J. Roy Gordon.



Among the guests, Steve and Irene Cuthbert, Jack and Lois McQuire; inset, executive vice-president James C. Parlee and Mrs. J. H. Tuck.



On the left, Edith Lynden, Ed Wynn, Gladys and Ed English; on the right, wishing the McIntoshes health and happiness, Eleanor Augustine, Lee and Helen Cupp, Earl and Wynne Kemele.



Left, Nis and Thelma Nissen, Madeline Matthews, Fred and Marguerite Willett; right, Len and Win Hobbs, Ky and Jean Lewis, Vic Lynden.



Left, Jim Walter, Audrey Ott, "Billy" Walter, Gordon Machum, Margaret Barker; right, Gladys Hanham, Bob and Sally Carlyle, Tommy and June Christoff.

William McIntosh

Away back about 1928 two young chemists, both graduates of Queen's University, found themselves colleagues among the breakers and burners of the Deloro Smelting and Refining Company's research laboratory in Welland. A warm friendship grew between them.

One, William McIntosh, has just retired as chief chemist of Inco's Nickel Refining division at Port Colborne. They gave a big retirement party for him and his wife, and the guest speaker was his colleague of the old Deloro days, Inco president J. Roy Gordon.

Born in Glasgow, Scotland, Bill McIntosh came to Canada at the tender age of six, his family taking up residence in Port Arthur where he completed his secondary schooling. He graduated from Queen's in 1923 with the degree of B.Sc., in chemical engineering, and during the next 14 years gained a wide experience as chemist for Niagara Sprayer & Chemical, Middleport, N.Y., Deloro and Electro-Metallurgical at Welland, and Noranda Mines Limited, Noranda, P.Q.

In June 1937 he joined the staff of the Inco Refinery laboratories at Port Colborne, and on the retirement of William Hicks in 1944 he was appointed chief chemist. Now, after 27 years of important service to the Company, he has retired on full service pension.

Alice Brown became Mrs. McIntosh in 1930. They have one



Mrs. McIntosh receives a presentation from Vernon Barker.

daughter, Ann Marilyn, who is Mrs. L. Shea of St. Catharines. A gifted musician, Mrs. McIntosh has made a fine contribution to Port Colborne community life over the years.

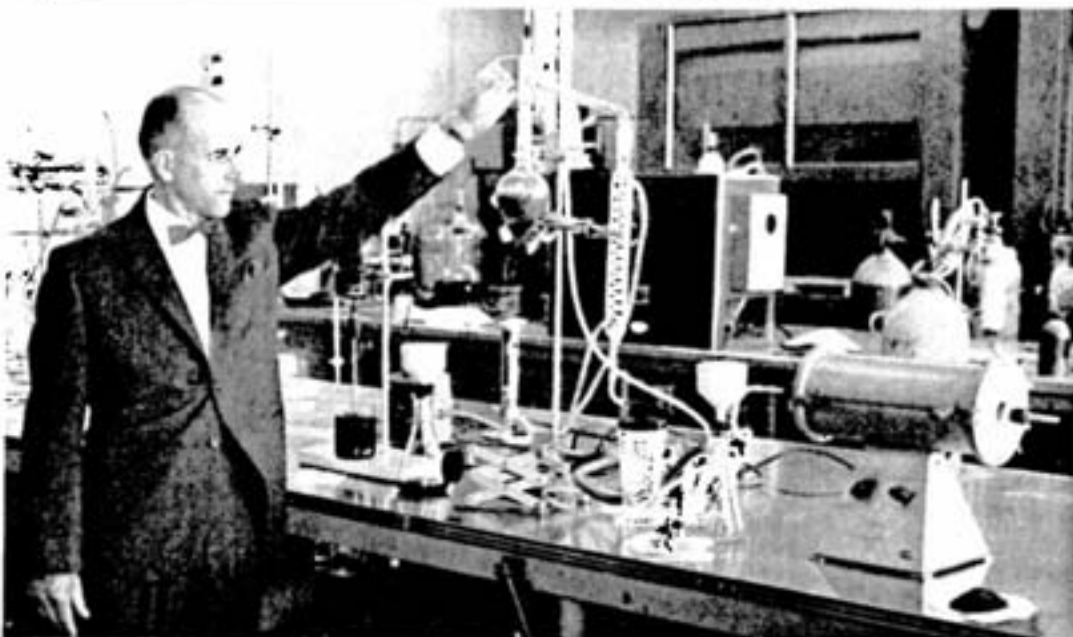
Mr. and Mrs. McIntosh will continue to reside in Port Colborne, in a lovely new home they have built on Tennessee Avenue.

The high esteem in which Bill and Alice McIntosh are held was evinced by the gathering which filled the Rathfon Inn's spacious dining rooms to capacity at a banquet honoring them on retirement. J. H. Walter was master of ceremonies. Presentations of gifts and flowers were made by J. Howard Tuck, Vern Barker, and James C. Parlee.

Guests from out of town, besides Mr. Gordon, included Mr. and Mrs. J. C. Parlee, Toronto, and Mr. and Mrs. T. M. Gaetz, and Mr. and Mrs. O. O. Machum, Copper Cliff.

Following amusing and enjoyable reminiscences of his long personal association with the guests of honor, president J. Roy Gordon spoke in serious vein about the great worth to the Company of men such as Bill McIntosh. The role of the chemist, working unobtrusively in the background, was one that seemed to escape attention or due recognition, but fateful decisions involving the welfare

(Continued on Page 13)



Alex Illis leads a research group at Copper Cliff engaged on special projects based on chemical extractive metallurgy. He is shown here with apparatus used in developing the new Inco process for producing nickel oxide.

Copper Cliff Research Produces New High Purity Nickel Oxide

A new process developed by Inco at Copper Cliff has made available for the first time a nickel oxide of high purity and high acid solubility.

This important new nickel product is receiving an enthusiastic welcome in the chemical, electrochemical and ceramic industries, where its special qualities make possible higher standards of performance.

Processing of nickeliferous pyrrhotite at the Iron Ore Plant involves recovery of nickel from an ammonium carbonate leach solution. In the original Iron Ore Plant the product of this operation was a crude basic nickel carbonate which was sent to Port Colborne for refining to electrolytic nickel and recovery of other values.

To meet commercial requirements for a nickel oxide of high purity and high acid solubility, the Copper Cliff research department, in collaboration with the Iron Ore Plant staff, have developed a process for converting crude carbonate into a highly purified product which readily calcines to high purity nickel oxide. Facilities for this operation were provided in the recent large extension to the Iron Ore Plant.

First step in the sequence of operations involved in the new process is re-solution of the crude carbonate. This is carried out in fresh ammonium carbonate solution. Reagents are added to inhibit re-solution of impurities without interfering with the solution of

nickel.

Then comes precipitation of pure basic nickel carbonate by distillation from the solution of ammonia and carbon dioxide. The manner in which the distillation is conducted, research showed, determines the physical and chemical properties of the product. For example, interruption of distillation after precipitation of 85 to 90% of the nickel produced a final nickel oxide having a bulk density as high as 150 pounds per cubic foot. On the other hand, when distillation was carried to complete precipitation of nickel, as in prior practice, the nickel oxide product had a density of only 20 pounds per cubic foot. The new dense product resulted in savings in packaging, had much better flow characteristics, and had a more attractive pitch black appearance.

The final step in the sequence is calcination of the pure basic

nickel carbonate to an acid-soluble oxide. In this connection it was discovered that calcination of the nickel carbonate at temperatures below 1,000 degrees F. produced an oxide of high solubility, admirably suited for the consuming industries.

To guarantee an oxide essentially free of iron, all equipment in contact with the new product is fabricated of nickel-containing stainless steel, which has permitted control of iron to less than .01%.

Joe Camiletti

Joe Camiletti has worked in the sample house at Copper Cliff since starting with Inco back in 1926. He is now enjoying an early service pension. "I can tell you we sure put through the samples today compared with the old days," he said.

Joe came from Italy in 1923 and lived with friends at Copper Cliff. His first job was at the Sudbury Brewery and he later worked for the CPR and did odd jobs around town until he managed to get on with Inco in 1926.

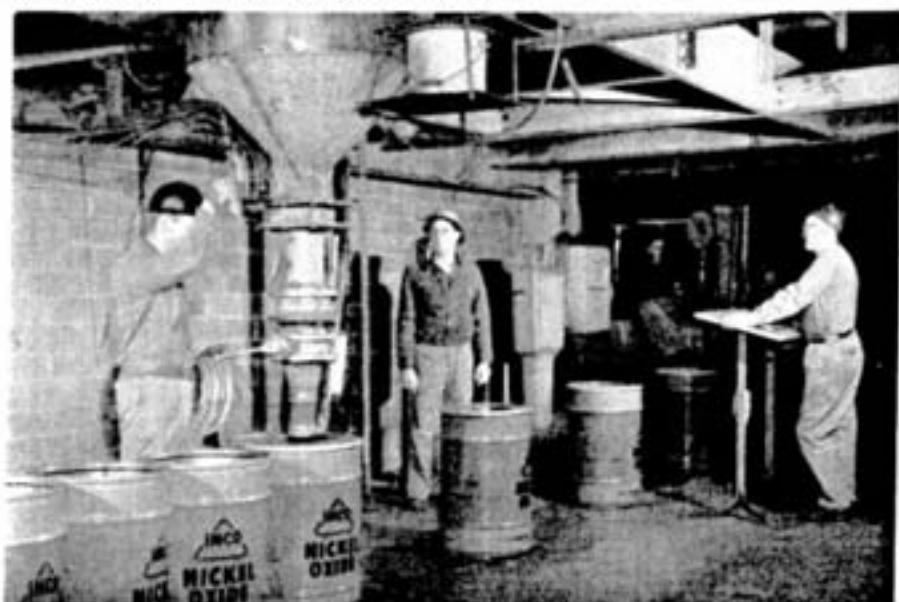
In 1931 Joe married Libbe Ronchini and they are very proud of their two sons, Jack, a school inspector at the Soo, and Fred of Sudbury. Their five grandchildren add considerable interest to Joe's life.

Joe and his wife live quite happily in Copper Cliff. The Italian Club is just around the corner and Joe passes many pleasant hours there. "I like walking and visiting my friends," he said, "and I really enjoy just taking things easy," he added with a smile.



Mr. and Mrs. Camiletti

These two Iron Ore Plant men, Hans Koehler, process engineer in the recovery department and George Nowlan, assistant to the superintendent, led groups in developing the new process to commercial production. The jar contains a sample of Inco's new high purity high acid-solubility nickel oxide.



RIGHT: Loading high purity nickel oxide for shipment at the Iron Ore Plant. Leo Kitzler is operating the loading machine, Cecil Riskin is recording the weight of the loaded drums as they pass over the scales, Jim Borlindale is at

the controls of the fork-lift truck (background), and Ron Terry (centre) is supervising.

Big New Project

(Continued from Page 2)

and of the users of nickel in a world of rapidly changing science and technology.

Completion of the projects which I have touched on will require capital expenditures of more than \$90,000,000.

Heavy Cash Outlays

Some of these projects will be completed in 1964, others a year or more afterwards, but all will contribute to and are in fact essential for our further growth and prosperity. Indeed, our disbursement of over \$100,000,000 in dividends to shareholders and in taxes to governments for the past year would not have been possible without other similar capital projects in the past. During the past 10 years our outlays for exploration and capital projects exceeded \$500,000,000, or an average of \$50,000,000 per year. In other words our yearly capital outlays in this period were as much as one-half of our 1963 dividend and tax payments. In thinking about this, you will appreciate that the potential of a company such as ours cannot be realized without substantial capital outlays such as we have made in the past and are again making this year.

Thompson Debt-Free

The Company's most important single project during the past decade was, of course, the new nickel production center at Thompson, Manitoba. In addition to the great new industrial developments which International Nickel has brought into being in Manitoba, we have for all practical purposes completed in Thompson, in fulfillment of our commitment to the Province, a sub-divided and fully-serviced town of first quality for a population of some 8,100 people, all in accordance with Province-approved plans. In so doing, we have provided the town of Thompson with paved roads and sidewalks, with water, sewage and utilities systems, and with public buildings and schools called for by the plans. The entire capital cost of approximately \$9,000,000 which we have spent on these community projects has been provided by the Company. This sum is \$1,000,000 more than we had represented to the Province of Manitoba that we would expect to expend in this undertaking.

As a result of what we have done, property values have been created at Thompson enabling the town to realize, through the sale of town lots, the entire capital cost of enlarging the original town layout sufficiently to look after an additional population of approximately 3,000. Thus, the total existing town layout will be equipped to accommodate a population of approximately 11,000 people, with no capital burden whatsoever having been placed on the town of Thompson or on the Province.

No Contwoyto Yet

There is one additional matter I would like to bring to your attention today. In 1960 our geologists discovered gold mineralization in the Northwest Territories on Lake Contwoyto — located about 60 miles below the Arctic Circle and roughly 250 air miles from Yellowknife and from the nearest road. The discovery has been carefully



Bill Taylor Heads Cliff's Curlers

Ring down the curtain on another banner year the boys at the Copper Cliff Curling Club held their annual meeting, stag and trophy presentations at the Copper Cliff Legion Hall. The past season's 390 male curlers topped the previous membership record, and other season's highlights included the great NOCA bonspiel with Copper Cliff the host club, several fun-filled mixed bonspiels, keen competition in the regular events and a large measure of mighty pleasant sociability.

Retiring president Dan Kelly was lauded for his service to the club. President-elect Bill Taylor, who has Rudy Regimbal as vice-president, Ron Heale as secretary, and Sid Manley assistant secretary is well prepared for another boom year.

Plant representatives are: Sid Sheehan, Frood; Gord Bennett, Creighton; Ron Silver, mines; Fred Burchell, mechanical; Jim Kuzniar, electrical; Pete Duffy, smelter; Rich Sheridan, mill; Harold Borland, research; Dave Duncan, office; Mac Canapini, Copper Cliff town; Wes McNeice, Lively; A. Romanick and J. O'Riordan, shift; Dar Storey, Clarabelle; Mike Sharko, Murray; Toby Armitage, Stobie; Doug Gathercole, Iron Ore Plant.

evaluated and the conclusion reached is that, while this is an important find likely to be worked some day in the future, it is not economic to open up a mine there at the present time because of the inaccessibility of surface transportation. If a road or a railroad had existed near the deposit we would be proceeding now with a mining program.

SUPER-DUPER JOB

Getting ready to baptize the infant, the minister asked pleasantly, "What have you decided to name him?"

The mother answered proudly, "Randolph Morgan Montgomery Alfred Van Christopher McGood."

The minister turned to his assistant, "A little more water, please."

PERFECTLY CLEAR

Weeping tears of outrage, the lady driver insisted she had given a signal before her car was struck by the man's.

"Look, lady," said the man, his patience ebbing, "I saw your arm go up, then down, then straight out, then into circles. Are you trying to tell me that's a signal?"

"For heaven's sake," she replied, "the first three signals were wrong — didn't you see me erase them?"

Winners in the regular season events at the Copper Cliff Curling Club receive their prizes. The Waterbury trophy for top shift curlers went to Toby Armitage's rink of Walter Skwarek, Henry Lanovaz and (absent) Nick Myronuk. Mac Forsythe (right) made the presentation. John Cecchetto's rink were runners-up. The smiling foursome on the right of skip Vern Johnston, Mike Sharko, Fraser Fields and Hector Grenon won the J. R. Gordon event. Runner-up in this classic was Dan Gauthier's rink.



In the Inter-Rink event John Woznow's team were tops and received their trophy from Earl Stoneman (right) Bill Blackwell, Frank Jay and Bill McDonough are the other team members. Runners-up slot were Alf Blair's rink.



Jack Lilley was on hand to present the Colts event trophy to a happy Moose McQuarrie who skipped his rink of Larry Martel, Eddie Turcotte and lead Doug Gathercole to victory. Runners-up were George McMaster's men.



Copper Cliff mayor R. G. Dow presented the Single Rink award to skip Bill Allan, Ken Cecchetto and Jack Newell. Dave Small was the absent member. Bill Young skipped the second place team.



Copper Cliff branch manager Harold Willis presented the Toronto-Dominion Bank trophy to skip Teedy Leclair, Hugh Allan, Bill McDonald and Dave Dunn. Casey Coul's men were runners-up.

Copper Champ

It was Copper Creighton by a wide finish at the 28th of the Parker Ship Announcement general manager touched off an ex among the Refinery porters.

It was a tense contest. The senior chief surgeon Dr. I said it was one of tions of first aid h A long tough to hard work lay bef as they went into with the Inco int championship at



The big audience, partly shown here, included many youngsters who followed the show as intently as the grownups.

The four patients all taken care of, Refinery captain Andy Martin wraps up the case by reporting full details over the phone to an off-stage doctor. One of the judges, Dr. Sturtridge, checks Andy's report with the score sheet.

On the right the three judges compare notes as they tally up the points to decide the winner: Dr. Brent Hazlewood, Dr. John Jones, Dr. John Sturtridge.



Tom Crowther
course in calam



Gerry Dube and Morris Sambrsky bombard judge Dr. Sturtridge with leading questions as they examine the young heart patient. BELOW, Tibor Banjar and Andy Martin have discovered the hole in the chest of the car crash victim.



Assistant vice-president and general manager T. M. Goetz presents the Ralph D. Martin, Gerry Dube, Morris Sambrski, Tibor Banjar, Roger Champagne, and c



Gallant losers Creighton, beaten on a close decision, applaud the Refinery win

Refinery First Aid is After Tense Final

Refinery over-looker in a photo annual running 1944.

if the winner of T. M. Gage's abundant outboard every team's sup-

cleverly fought for judge, Inco lent Hazlewood, the best exhibi- had ever seen, all and a lot of hind both teams, the final match r-plant first aid take. Both had cleared some high elimina- tion hurdles to get there, Re- finery among the surface plants of the Sudbury district, Creigh- ton among the mines.

They were sharp and keen as they took the floor and tackled the city that Tom

Crowther and Bert Dohney had laid out for them. It was a tricky test, involving no less than four patients.

The action was in a house, fol- lowing up the "safety in the home" theme that the Inco safety de- partment has been placing of late.

A maid flustered when overcome by ammonia vapors, upon which a boy suffered a heart attack; running for help, a young man fell and broke both his knees; then, as a final chal- lenge to the al- ready hard- pushed first aiders, a car crashed into the side of the house and the driver was found to have a hole in his chest and a broken leg.

The treatment involved ran all the way up the first aid scale from mouth-to-mouth resuscitation.

In congratulating both the final- ist teams on their great display, and thanking all who had assist- ed in staging the very successful

(Continued on Page 13)



Dr. Hazlewood



The action started when the maid (our old friend Lea Froppier, the perennial patient) fluttered to the floor in a faint after getting a whiff of ammonia while going about her duties. RIGHT: Aghast at the prospect of having to examine a "female" patient, Tibor Banjar scratches his head and gazes appealingly across at his captain for guidance. Judge Dr. Jones gives him full marks for modesty.



Parker Shield to the Copper Refinery team, captain Andy coach Alex McCuaig.



captain Joe Pierini, Johnny Dulinsky, Toby Swan, coach



Three of the Creighton team, captain Joe Pierini, Dan Martin and Johnny Dulinsky prepare to bandage up the boy with the broken knees. Johnny talks cheerfully to him to keep his spirits up.

Curling Had a Big Season at Levack



Here are some of the happy curlers who shared the winners' loot distributed at the Levack Curling Club's annual stag and banquet. 1. The H. J. Mutt trophy winners with Inco assistant general manager J. A. Pigott making the presentation to skip Matti Tuomi; in front are Vern Ritzel and George Passi; Jim Bellisle was the absent member. 2. The Dr. Mowat trophy for the Colts

event is presented here by Dr. Charles Jessop (centre) to Phil Oliver (skipl), Ray Bouclin, George Curry and Dar Anderson made up the team. Frank Palumbo presents his trophy to vice-skip Stan Zamojski in the absence of skip Eva Piccolo; standing are Ken Belter and Bud Furchner.

Larry Jorgensen

Proof of that old adage, "hard work never hurt anyone," is Larry Jorgensen, a 65-year-old pink-cheeked bundle of energy who this April retired on service pension from the machine shop at Frood.

"I've been on my own since I was eight years old," he declared. "There were 14 kids in our family and my parents couldn't afford to keep us unless we worked. I minded cows, pigs and chickens for other farmers." That was in Denmark where he was born in 1899.

At age 16, with little schooling but loads of ambition, Larry began his apprenticeship as a machinist. "You served five years then," he said. "I worked in the shop all day and went to school at night." In 1921 he served a year as petty officer in the Danish navy, worked for his marine engineer's certificate and served on ships as third engineer until 1923. That year he landed in the States and for the next five years worked his way across the land before returning home.

Back in Denmark he married Linnea Maack and brought her to Sudbury in 1928. He worked three years for Sudbury Construction and at other jobs before getting on at Frood in 1933. He spent several years in the carpenter shop and the rest of his service as machinist.



Mr. and Mrs. Jorgensen

The Jorgensen's have a son Eric at Deep River and another, Kenneth, who recently joined Inco at the Copper Cliff smelter. Larry is talking of building a home near Deep River. "I've got lots of plans," he grinned, "and I'm not sure what I'll do first." Larry and his wife live in the end house on Lloyd

street in Sudbury, a home that Larry built himself back in 1929 when that area was all bush.

A man who can turn his hand to many tasks this new pensioner is happiest when working and as most of his friends will agree is seldom idle.

Steve Nadiak

Except for two years spent at the Open Pit during the war Steve Nadiak worked underground at Frood since he joined the Company in 1934. Now retired on service pension Steve, a happy 65-year-old,



keeps tolerably busy looking after his home and grounds in Sudbury. "I've got high blood pressure," grinned this grizzled miner, "so I'm not supposed to do much."

Steve spent three years at Fort William during the depression and found the going pretty difficult. "I only got a few odd jobs," he related. "Good thing I had some friends." He came from the Ukraine in 1930 and before going to Fort William worked on a farm near Saskatoon.

Underground at Frood Steve worked on production until 1945 when he joined the construction gang, and that's where he stayed until retirement.

He was married in the old country and also has a daughter and granddaughter there.

"This has been a good Company for me," said Steve. "Everybody I worked for treated me well. And," he added ruefully, "I'm sure going to miss that Frood Mine."

Joe Sanchioni

Joe Sanchioni went home to Italy in 1930, married Dora Melotti, and brought her back to Toronto only to discover what the depression was all about. "It was pretty tough on a young fellow who wanted to work but couldn't get a job," he said. The following year, with the arrival of son Mario and still



Fred Spencer's rink of Lloyd Dean, Andy Lennie and Ray Abrams (absent) won the R. H. Waddington trophy. Manager of mines J. McCreedy (second from right) made the presentation.



Ted Gianini, above right, presented his trophy to skip Orm Purvis, Mel Corkal, and Larry Pura. Ray Purvis was the absent team member. Levack mine superintendent Vern Ritzel presented the Cochrane-Dunlop trophy to skip Don MacKeigan, Andy Lennie, Bert Mollette and Bob Langstaff. Levack curlers enjoyed a good year, held four fine bonspiels and saw their Consols entry skipped by Bud Rodd go to the zone finals and their schoolboy rink skipped by Rick Hilton win out in the Sudbury area. Club executive for the 1964-65 season has Ernie Hilton president, Ron Lake vice-president and Dar Anderson secretary-treasurer.

no job, Joe became chief cook and babysitter while Mrs. Sanchioni's able fingers, sewing clothes at Eaton's, made enough to keep them going.



Mr. and Mrs. Sanchioni

Now Joe is enjoying the pleasures of not working but receiving a nice monthly cheque anyhow, as he relaxes on an early service pension. And he gets quite a kick now out

of recounting tales of those early days.

Before returning to Italy in 1930 for his bride Joe worked around Toronto for seven years. Coming to Sudbury in 1937 he got jobs with local contractors until starting with Inco in 1941. At Copper Cliff he worked first in the Orford building and when the separation process started up, moved into the grinding section there.

In addition to Mario the Sanchionis have another son, Paul also of Sudbury, a daughter Norma (Mrs. P. Davis) of London and four grandchildren.

Having recently returned from a month in Florida Joe and his wife liked it so well that they are planning a longer stay for next year. At present a large home in Sudbury's west end provides just enough in the way of work to suit Joe. As he says, "I don't mind taking things easy."



A very youthful 65, Jack Maki (front right) receives a watch from carpenter foreman Charlie Silander on his retirement from Frood-Stobie, while a group of his workmates stand by to wish him well.

Jack Maki

Jack Maki, one of those quiet, capable Finnish craftsmen who can make almost anything and make it just a bit better, has retired on service pension from the carpenter shop at Frood where he worked for almost 33 years.



Mrs. Maki

A happy man with the faculty of making friends, Jack will be missed as much by his fellow workers as by those responsible for getting the work done. On his last shift in the shop many of his friends came to wish him well in retirement, and presented him with a wrist watch.

Jack was born 65 years ago in Finland, came to Canada in 1926, couldn't get on at Garson but did get a job installing trolley lines at Copper Cliff. He spent that winter in the bush, worked three years in the carpenter shop at Errington mine, then in 1931 came

to Inco.

After a few months in the yard he went into the carpenter shop and soon was known as the man to call on when unusual or special jobs were on tap. He also proved to be an expert model maker. "My father was a cabinet maker in Finland," Jack said.

In 1943 Lempi Harjunpaa and Jack were married. Their only son Lauri is in Winnipeg. Jack and his wife are planning a trip back to Finland this year and he also has some home improvements in mind. However if anyone is looking for Jack Maki during the summer months they would be well advised to check Little Penage Lake where the Makis for many years now, have had their summer home.

John Linnamaa

Troubled for some time with bronchial asthma, John Linnamaa decided that a disability pension was a wise move and as a result is now enjoying somewhat better health at his Trout Lake home.

Recalling the days when miners wore soft hats and used carbide lamps, John related that he worked for Mond at Frood no. 4 shaft, and

Josie Eppich's Team Double Winners in Inco League



The Inco ladies' bowling league entertained their husbands at a banquet and dance to top off another enjoyable season. Big winners were Josie Eppich's team, shown above, who won both the Inco Rose Bowl and the Cliff Stewart trophy: Jean Valic, Lil Adamovich, Joan Godin, Josie Eppich, Helen Sudac, Betty Dionne.



Mary Price's team was victorious in the Sid Sheehan trophy event: Irene McChesney, Bea Hamner, Mary Price, Hattie McCrea, Rosemary Coogie; not shown, Edith Earl. The league's individual awards were presented as follows: high average, Ruth Martin, 190; high triple, Edith Earl, 798; high single, Betty Dionne, 332.

Ray Forth Skips the Winner in Little Brier



Winner of the Ballantyne Little Brier trophy at Copper Cliff was this rink of skip Ray Forth, Percy Oddy, Lloyd Armstrong and Jack Gervais. They beat out Mike Malloy's boys for the award. Harry Gilbert (right) filling in for trophy donor Andy Ballantyne, presented the trophy and individual prizes of jigsaws. The Little Brier represents the best in shift curling at the Copper Cliff club. Their post-season party, always a big night, was enhanced by the presence of the ladies for the first time this year.

earlier at Creighton rockhouse. During the ensuing years he worked at most of Inco's operations in the district. From 1935 to 1937 he was at Creighton 5 shaft, went to Levack, then Garson, then back to Creighton 6 shaft in 1940. Quitting the following year he was rehired at Murray shaft in 1942, worked at the Open Pit, the Copper Refinery, then landed a job in the timber yard at Frood and that's where he wound up his active career.

Before coming to Inco John had considerable experience in rock excavations. Relating how he helped cut the right-of-way for the first railroad into Rouyn he said, "We drilled by hand and on good days could drill a 25- to 30-foot hole. And all the rock we blasted was removed by hand power and horses pulling a drag with greased slides." Later he drilled in several power project rock tunnels in northern Quebec.

Just to prove his versatility John, at the height of the depression in

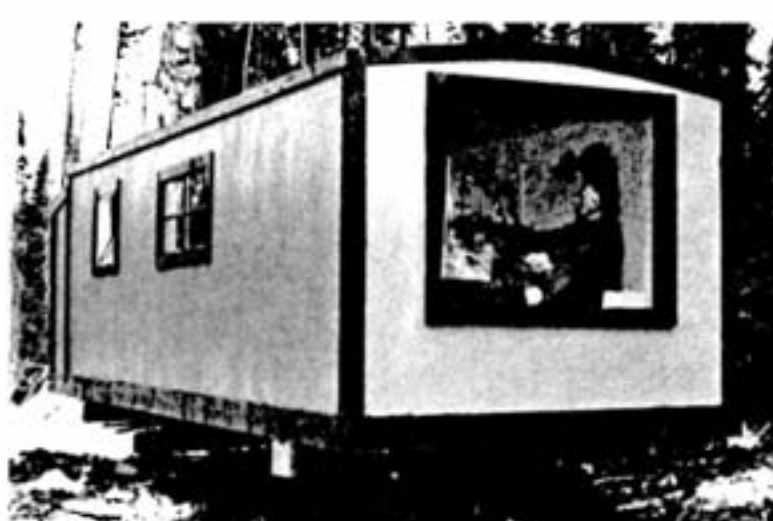
1933, helped his wife operate a tea-room in Toronto. Mrs. Linnamaa was Annie Koski before her marriage. They have one son Alti, a teacher at Sheridan Technical School and another, Aulis, with the



Mr. and Mrs. Linnamaa

Department of Lands and Forests in Sudbury. They have one grandson.

John enjoys his home and steam-bath on Trout Lake but still spends considerable time in summer at his camp on Lake Penage. "There's no fish left in Trout Lake," he explained.



When is a picture window really a picture window? When there's an artist in it, painting a picture. This was the portable studio they supplied famous British artist Terence Cuneo so he could paint on location at Thompson. Complete with bed and sleeping bag, stove and tea kettle, the cosy cubicle kept Cuneo comfy despite 35-below weather and he was able to bring paintings almost to completion on the spot instead of later from sketches. In the above photograph he is parked in the woods near the new Birchtree mine, working on a painting of a typical diamond drill setup.

"OPERATION CUNEO"



During his stay at Thompson Mr. Cuneo addressed the members of the Art Club. Here he chats with the president, Mrs. Madeleine Fregren.

Thompson has had its portrait painted by one of England's most celebrated artists.

The amazingly versatile Terence Cuneo, who had previously dramatized in oil many scenes at International Nickel operations in Canada, the United States and Great Britain, was again commissioned by the Company to do a series on Thompson.

In a whirlwind campaign he recorded his impressions of this vigorous young mining giant of the North. A beautiful general view of the Inco plant on a frosty morning, the huge hoisting machines in the top of the 264-foot headframe, scenes in the grinding and converter aisles and at a diamond drill camp out in the bush, a look down a bright residential street of the town, and an aerial view of the Kelsey power plant were among his subjects. Showings of the paintings will be arranged when the work is fully completed.

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Cuneo took keen delight in northern scenes he remembered from boyhood from pictures drawn by his father, Cyrus Cuneo, who illustrated Jack London's great adventure stories. Here resplendent in a pair of beautifully beaded Indian mukluks, he poses by the old prospector trapper's cabin which has been preserved on the Thompson mine property.



Unlike many artists Cuneo enjoys having people watch him work, and likes to chat with passersby who pause to marvel at the swift, sure strokes of his brush. Mrs. Ralph Waddington of New York (centre), wife of the senior vice-president, and Mrs. James Parlee, of Toronto, wife of the executive vice-president, stopped during a plant tour to watch the artist as he painted a scene in the impressive grinding aisle of the Thompson mill. BELOW: On the 120-mile flight from Mook Lake to the Indian settlement at Oxford House, Terry Cuneo got the rare thrill of spotting a pair of moose feeding in a clearing. Pilot Norm Kern circled down for a closer look. The cow took alarm and broke into a lumbering run, but the old bull, who had seasonally shed his rack of antlers, went right on munching.



BOTTOM: At Oxford House the artist visited the Hudson's Bay Company post and watched the factor, Doug Stephens, buy a lynx and other pelts from a young Indian trapper, Dick Hart, who works part time at Thompson.



Appointments

(Continued from Page 4)

GRAHAM A. DICK

On graduation from the University of Toronto with the degree of B.A.Sc. in 1938, G. A. Dick joined International Nickel as an employee in the Copper Refinery tankhouse, where he became a shift foreman in 1941. He was appointed to the position of tankhouse superintendent in 1951. In April of 1959 he was appointed assistant to the manager, and three months later assistant manager. He was born at Bolton, Ont.

He married Marjory Jean Lander at Toronto in 1943. They have two sons, Allen and Ronald, and one daughter, Linda.

Mr. Dick is president of the Sudbury YMCA. He served for five years on the Sudbury High School Board.

ERNEST F. RABEAU

E. F. Rabreau, a native of Carn-duff, Sask., graduated from Queen's University, Kingston, in 1929 with the degree of B.Sc. He came to the Copper Refinery in 1936 as a research metallurgist, prior to which he had been associated with Canadian General Electric Company and Eldorado Gold Mines, Limited. He was promoted in 1940 to assistant superintendent of the casting and yard departments of which he became superintendent in 1948. He was appointed assistant to the manager of the Copper Refinery in 1957.

He married Anna Rooney at Sault Ste. Marie in 1941, and they have a family of four, John, Mary, Lawrence and Clare.

CHRISTOPHER C. DUNKLEY

Christopher C. Dunkley, who was first employed at the Copper Refinery in 1951-52 as a shift boss and on process research, returned in January 1958 as assistant superintendent of the tankhouse. In the interval he was associated with Imperial Chemical Industries, Limited, in England, as assistant manager of the technical department, metals division.

Born at Wolverhampton, England, he received his degree in engineering from London University in 1949. He was appointed tankhouse superintendent at the Copper Refinery in June 1959.

He was married in England in 1945 to Ann Elizabeth Lloyd. They have three daughters and two sons, Rosamund, Geoffrey, Tessa, Jill and Hugh.

Messrs. Dick and Dunkley reside in Sudbury, Mr. Rabreau in Copper Cliff.

Copper Refinery

(Continued from Page 9)

competition, Mr. Gaetz noted that 504 new men had been trained in this year's first aid classes, maintaining the average of one employee in every four at the Inco mines and plants a qualified St. John's Ambulance man.

He emphasized the personal satisfaction a man gets out of knowing he could be instrumental in saving a life, should an emergency arise at home, on the street, or at work. On several occasions, he said, Inco men had been present in such an emergency and had given invaluable assistance.

He presented the Parker Shield,

Three Nickel Belt Championships Won By Levack Minor Hockey Teams



Levack Minor Hockey Association all-star teams wound up the season in a blaze of glory, winning Nickel Belt championships in the peewee, bantam and midget divisions and reaching the finals in the minor bantam.

In the Northern Ontario playoffs all four Levack teams made the finals, and all four lost out only by a whisker in overtime.

Further, the Levack bantam team was selected to play in the opening exhibition match of the annual international minor hockey tournament at Georgetown, in which 40 teams from Canada and the U.S. competed.

Sixteen teams, involving over 200

boys, played in the regular schedule during the season, each team coached by one of a corps of faithful volunteers who put in a lot of time and effort to teach Levack boys how to play heads-up hockey.

At the annual banquet and presentation of trophies, president Ted Lawrence reviewed the season's achievements and received an ovation for the efforts of himself and other league officials. The guest speaker, Cummy Burton, told the boys, "Pro hockey is a good career but not at the expense of a boy's education. Pay as much attention to your teacher as you do to your coach."

In the above photograph are

team captains and star players of the league with their trophies: front row, Richard Minkler, Gilles Gosselin, Steve Doyle, Jeffery Dean, David Parker; centre row, Bill Morley, Richard Lauzon, Camille Laplante, Tommy McCourt, Pete Maryschalk Jr., David Taylor. In the back row are coaches and league officials: Frank Doyle, arena manager, Pete Maryschalk, Hector Lauzon, Red McCourt, Ferdinand Mooney, association president Ted Lawrence, Harry Kulmala, Bert Laplante, Andy Taylor, Rudy Toffoli; not shown, vice-president Don Stead, secretary-treasurer Bill Morley, referee-in-chief Ray Parker.

replica medals, and cheques for \$50.00 to the Copper Refinery team.

It was the third win of the coveted shield by the Refinery. Copper Cliff plant has won it 10 times, Frood-Stobie mine five, Garson three, and Creighton, Coniston and Levack twice each.

Assisting Tom Crowther in staging the competition, besides Bert Debney, were Mike Malloy and Joffre Perras. Oral tests of the finalist teams were conducted by Norbert Mereck and Gordon Andrews. Tony Basso was timekeeper.

A total of 139 teams took part in the elimination contests leading up to the Parker Shield event, 20 at Creighton, 40 at Frood-Stobie, three at Clarabelle, 10 at Garson, 24 at Levack, two at Murray, 19 at Copper Cliff, three at Coniston, eight at Iron Ore Plant, and 10 at the Copper Refinery. Of the 818 men involved, 333 were new to first aid training this year.

William McIntosh

(Continued from Page 5)

of the Company were often based on his intuition and experienced judgment, and on the courage of his convictions in the face of contrary opinion. Mr. Gordon made clear the Company's full appreciation of the contribution made to its success and progress by such key men throughout the organization.

The Front Cover

Debbie Taylor was like the man who, when asked if he could play the violin, replied that he didn't know because he had never tried.

Debbie didn't know if she could ride an elephant. It's not the sort of thing a little blonde lady of 6 is normally invited to do.

But she was certainly willing to try, and it turned out that she was very good at it indeed, as anyone can see by our cover picture. Could easily make it her life's work, if she took the notion.

Ruth, one of the three elephants at the Shrine Circus in Sudbury, curled up her trunk when Copper Cliff's pretty little Debbie, daughter of Mr. and Mrs. Donald Taylor, settled daintily in the driver's seat. Curling up the trunk is an elephant's way of saying, "I like this kid."

The extra pair of elephant legs in the picture belong to Ruth's sister Sue, who wouldn't even get up when Debbie was being introduced. Sue was jealous of Ruth. So we cut her off at the knees.

Alcide Blais

Alcide Blais has Inco service dating back to 1938, the year he started working at Frood. Now on disability pension he is enjoying the opportunity to cater to his health.

A "local boy," Alcide was born at

Chelmsford in 1907 and raised on a farm nearby. Before joining Inco he diamond-drilled around Kirkland Lake for a couple of years.

Alcide went into the Frood rockhouse after working underground for a year, then in 1941 transferred to the Open Pit where he drove truck and bulldozer the next 10 years. The following six years he worked with the plumbers at Frood and wound up in the plate shop at the Open Pit.

His first wife, whom he married in 1931, died in 1947, and in 1957 he married Mrs. Simon Adam, a widow with six married daughters. Alcide has three sons, Joe, Gerry and Gaetan, all working in Sudbury, who have nine children. Mrs. Blais' six daughters have 14 children.

Tinkering with his car, a little fishing in summer and a bit of gardening help keep this pensioner pleasantly occupied.



Mr. and Mrs. Blais



Champs of the Littlest Squirts

These are the champions of "C" group in the pee-wee division of the Port Colborne Lions minor hockey league. These are the littlest squirts, away down at the bottom of the pile, but they're champions nevertheless, and wear their honors just as proudly as the big guys, and we say Murray For Them.

Front row, D. Stevenson, J. Meskis, D. Semley, R. Hanham, B. Wilson, W.

Kavach, R. Detenbeck, R. Marshall, T. Kovach; back row, Lew Lewis, manager, D. McDonald, G. Augustine, L. Meskis, C. Meskis, L. Hoikka, W. Lewis, G. Clark, I. Henderson, J. Semley, assistant coach, P. Kovach, coach. Among the older players, the bantams coached by Norman Martel won the Niagara district title in their division and the juveniles, coached by Ken Sharpe, went to the Ontario semi-finals before bowing out.

John Miklos

John Miklos worked on the converters at Copper Cliff since joining the Company in 1944, nine years as a puncher and 11 years as a conveyorman. Quiet-spoken and capable he will be missed there just as he already misses his old workmates. However he is looking forward to his retirement.

His home and grounds on Albion Street in Sudbury reflect his love of gardening and his flair for neatness and order.

John came from his native Czechoslovakia to Port Colborne in 1926 but couldn't find a job there so off he went to Toronto, where he was a butcher until 1931. He came to Sudbury and worked

at the Copper Refinery for three years, then did construction work until joining Inco again in 1944.

John and Bertha Bahul were married in 1920. Their son Jon works in the casting building at Copper Cliff, and William, Mary, Betty (Mrs. J. Sloan) and the four grandchildren all live in Sudbury.

A trip back to his birthplace is a possibility later this year for John but for the present he is just marking time until the frost is out of the ground and he can get going on his garden.

Steve Furach

From the year 1926 when he landed in Canada until 1929 when he came to Sudbury, Steve Furach's work pattern was the same as thousands of other newcomers, the bush in winter and the railroad in summer. He landed in Sudbury just two weeks before Christmas but it was not until April of the following year that he landed a job at Frood.

Relaxing on a service pension at his home in the Donovan section of Sudbury, Steve enjoys talking

Graduate of Port Colborne minor hockey, and former team captain of Toronto Maple Leafs, "Teeder" Kennedy gave the boys a powerful pep talk on sportsmanship and the importance of having an education after hockey years are over, when he addressed the annual banquet of the Lions league. Here he is, with Alex McNay, the peppery league manager, on the left, and Alex Zahovich, chairman of the Lions athletic committee, on the right. There were 320 boys in the well run league last season; 32 men worked hard as volunteer coaches and managers.



about his early years in Canada. He was born in Croatia and had served a number of years in the army. "I was a bugler and a cook," he laughed.

Steve worked underground at Frood until 1944, then transferred to the Open Pit; when Clarabelle opened up he moved there. He



Mr. and Mrs. Miklos



Mr. and Mrs. Furach



Won It All at Creighton

up the regular league schedule in a close win over W. Fortin's boys, then knocked off G. Fabris' team in the playoffs. The winners are pictured here with Creighton 3 shaft underground superintendent Will Moore who made the presentations: from the left, Roy Couillard, Mr. Moore, Dave Scott, Leo Pavato, Frank Hreljac, Al Greene, Bob Blake and Red Bruce. High single (363) and triple (922) went to Red Bruce while Dave Scott's 248 was good for high average. Dave also had the best total for five games, 1268. League president Harry Narasnek led his boys to a win in the consolation playdowns with Clarence Mulligan rolling 1242 for the top 5-game total. Ton Shannon is secretary of this eight-team league which features the top trundlers in the Creighton-Lively area.

Leo Pavato's team took practically all the silverware in the fast-paced Creighton-Lively men's bowling league as they wrapped

worked as wagon driller, blockholer and pit miner, and enjoyed his work. "I'd like to do it over again knowing what I know today," grinned this rugged miner.

Steve married Anne Palajsa in 1924. She came to Canada in 1930 and still enjoys teasing Steve about how when she arrived he was out of work and her few dollars kept them for a time.

Steve has three sons: Peter at the Soo, Mike in Sudbury, Joe of the converters at Copper Cliff, a daughter Mary at the Soo and six grandchildren.

A happy man is Joe who enjoys his family, friends, his garden and the odd cooling draught with old companions.

The older generation thought nothing of getting up at 5 o'clock in the morning. And the younger generation doesn't think much of it, either.

Elections

(Continued from Page 4)

mine in 1939. In 1942 he was appointed superintendent of the Murray mine, subsequently serving as superintendent of Garson mine prior to his appointment in 1952, as assistant superintendent of mines of the Ontario division. He was made assistant manager of the Manitoba division, Thompson, in 1957.

He received the degrees of Bachelor of Science and Engineer of Mines in 1928 from Michigan College of Mining and Technology, Houghton, Michigan.

H. F. ZURBRIGG

H. F. Zurbrigg, who has been elected assistant vice-president of The International Nickel Company of Canada, Limited, continues as the Company's chief geologist, to which position he was appointed in 1961.

Mr. Zurbrigg, a native of Markham, Ontario, graduated from Queen's University with a B.Sc. degree in 1931. In 1933 he obtained his M.Sc. degree at the same university and joined International Nickel at Copper Cliff as a geologist. He was appointed chief geologist of Creighton mine in 1935 and chief mines geologist at Copper Cliff in 1940. In 1956 he became chief geologist of the Ontario division. In 1961 he was appointed to his present position as chief geologist for Inco and moved his office to Toronto. Mr. Zurbrigg is also vice-president of Canadian Nickel Company Limited, the Company's exploration subsidiary which conducts its world-wide exploration activities. Although Mr. Zurbrigg's major efforts with International Nickel involved the exploration of new ore bodies in the Sudbury district, he was also responsible as chief geologist of the Ontario division for directing the major surface drilling and underground exploration of the Thompson mine in Manitoba.

Mr. Zurbrigg was recently awarded the Barlow Memorial Medal for

Big Crowd For Club's Celebration

The 48th anniversary dinner dance at the Copper Cliff Club as usual drew a large crowd of members and their guests, several from Toronto, to enjoy the excellent cuisine and the music of Art Gimpoli's orchestra. Corsages were presented to the ladies. On the right is a group of the merry-makers: back row, Patty and Ken Fyall, Hugh Judges, Joan and Sid Manley, Kay Kuzniar; front row, Dorothy Foster, Marilyn Judges, Jim Kuzniar, Cora and Ken Johnston.



the year 1963 by The Canadian Institute of Mining and Metallurgy for his paper, "Thompson Mine Geology."

LOUIS S. RENZONI

Louis S. Renzoni, who was elected assistant vice-president of the Company, continues as manager of process research (Canada), a position he has held since 1960. He joined International Nickel in 1937 as a research chemist at the Company's Nickel Refining division, Port Colborne. Mr. Renzoni was appointed superintendent of research at the Nickel Refining division in 1944 and four years later was made assistant superintendent of research at Copper Cliff. He became superintendent of research at Copper Cliff in 1956.

A native of Copper Cliff, Mr. Renzoni received his Bachelor of Science degree in 1935 and a Master

of Science degree in 1936 from Queen's University, Kingston.

Medric Tessier

"When my family moved to a farm near St. Charles in 1905," related Medric Tessier, "it was nearly all virgin bush. My father gradually cleared it and in 1923 we threshed over 4,000 bushels of grain." One of a family of 12, Medric admits they all worked hard. "We had to," he grinned, "but I know now it was a good life."

Medric has retired on disability pension after working at Coniston since 1925. "On the way to Sudbury one spring to get a job on the river drive my brother and I stopped off at Coniston and they gave us jobs. I started in the quartz quarry."

Recalling that Sudbury was once

quite a lumbering town with the New American, Montreal House and Queen's the popular rendezvous for the caulk-boot fraternity, Medric remembers a fair amount of fighting among the more exuberant, but added, "Just the same, everyone seemed to have a lot of fun."

Medric spent seven years working on the roast beds at Coniston, then in the early thirties went to



Mr. and Mrs. Tessier

work on the charge floor in the smelter. "And I've been there ever since," he said.

He was born near Ottawa in 1905 and in 1929 married Mary Anne Larocque. Their family are Armand of Sudbury, Rochelle (Mrs. W. McWilliams) of New Brunswick, the twins, Maurice of Coniston and Medric of Sudbury, Marc at school and six grandchildren.

The family camp on the Wahnapitae River is where this happy couple will spend much of their leisure time now, that is when they are not travelling. "We've put over 60,000 miles on that 1962 car," grinned Medric, "and that was while I was working."

A NOISY NOTHING

Little Bobby was playing on the back porch when suddenly there was a great clattering and banging out there.

"Bobby," called his mother, "what are you doing?"

"Nothing," he answered, "Nothing at all."

"What are you doing it with?" demanded his mother.

A small voice answered: "With a hammer."



Copper Cliff Midgets NOHA Champions

A mighty fine looking bunch of boys and a real hustling hockey club, that's the Copper Cliff Midgets. They brought a large measure of honor to themselves, their sponsors the Copper Cliff Athletic Association, and the whole Sudbury district, when they toppled the Noranda Saint Pats two straight in a best of three series for the NOHA midget crown. An all-Ontario playoff was proposed but failed to materialize. This is the first NOHA midget title won by Sudbury district since 1951. The players are, back row, John Butler, Greg Mullin, Dan Fielding, Jack Egert, Bruce Matton, Ron Byrne, Pete Tanguay, Nelson DeBenedetti; centre row, manager Yacker Flynn, trainer Lee Matby, Ron Dussiaume, Kent Byrne, Tom Deacon, Guy Bertrand, Marty Larson; front row, Duncan Morrison, Pat Grace, team captain Denny Wing, Bill Bies, Jack Weber and the very proud coach, Bob Harkins, who has been nominated as Sudbury's Sportsman of the Year as a result of his team's triumph.

Great Turnout of Lads and Dads Winds Up Thompson Minor Hockey Season



Over 300 attended the Father & Son banquet in the High School auditorium officially ending a great season for Thompson Athletic Association's minor hockey league. Montreal Canadiens star Bill Hicke, whose home town is

Regina, was the vociferously applauded guest speaker. Dr. J. B. Johnston was master of ceremonies. The delicious roast beef dinner was catered by the Thompson coffee shop.

Operation Cuneo

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"Operation Cuneo" was well organized. A bunkhouse studio on sleigh runners was built so the artist could remain on location for his outdoor scenes even with the thermometer at 35 below zero. In the plants he was given excellent co-operation by the employees involved, who were fascinated by the speed and consummate skill of his work. To get material for paintings he will do later of Indians, sleigh dogs, and a Hudson's Bay Company post, he was flown to Oxford House where he was entertained by the factor, Doug Stephens, and his wife.

"I am tremendously impressed and delighted by Thompson," Cuneo told the Triangle. "It's all so very modern and comfortable, and yet one can feel the frontier spirit of the Canadian North here. Although it's still very young isn't it, this place has real character. The setting is beautiful."

Born in 1907, of artist parents, Terence Cuneo sold his first painting at 19. During his exhausting early training he was an illustrator for boys' magazines. When war came he was sent to France for The Illustrated London News and became an official war artist. This work was tackled with great enthusiasm and enterprise and eventually led to his commission to record on canvas the coronation of Queen Elizabeth II in Westminster Abbey, a work of fabulous detail, 11 feet by 8 feet, which now hangs permanently in Buckingham Palace.

For nine of his big canvasses of state occasions the Queen has given him personal sittings at the Palace. His latest portrait of her, as Colonel-in-Chief of the Grenadier Guards on her horse "Imperial", hangs at this year's Royal Academy.

With his flair for the dramatic along with his photographic eye for detail, he soon became England's leading industrial artist. His sketches for Vickers advertising, widely known, are typical of his masterly touch in this field. Nothing stops him when he is after a picture — he has worked in helicopters, in mine shafts, in the buckets of cranes, lashed to a girder 170 feet above the Firth of Forth in a raging gale, and even



Here are the team captains and individual stars of Thompson minor hockey who were presented with trophies: back row, D. Mullin, Graham Hockin, John Bell, Blair Anderson, Neil Agnew, Lorrie May, Jack Sangster; front, Steven Price, Larry Reinheimer, R. Laynacham, Dave McEwan, Bob Gray, Garry Haverly, David Jordan, Gordie Price, Garry Cook.



1. Jack Sangster receives the "Lady Byng" trophy for the most gentlemanly player and also, for the third year, the high scorer's trophy; presenting them is Harry Peterson, Inco assistant general manager. 2. Some of the dads and lads who enjoyed the big night together. 3. League president Red Sangster addresses the gathering; on his right are Dr. J. B. Johnston and Robert "Bud" Simpson, M.P. Vice-president of the 165-boy league was Earl Moore, secretary Norm Kreuger, and treasurer Norm Kalika.



on the back of a camel in the Moroccan desert.

Youthful and adventurous, he finds amusing outlets for his energy outside his work. When he was doing a circus picture he ended up by riding in several performances as a cowpuncher, tearing around the ring on a grey stallion. He is often to be seen riding on the Surrey heaths on his own piebald horse "Shadow"; his Western American stock saddle and bridle were gifts from members of the

Vigilantes of Tombstone, Arizona, while he was on a painting tour in 1956.

People looking at Cuneo paintings seek the little "Mouse" which he usually works in some place. In one Royal painting it could be seen erect with glass in paw, toasting the Queen!

Surprisingly he has no London studio, but the world makes a path to his door at Molesey, near Hampton Court.

Friendly, unaffected, Cuneo is a

traditionalist and although he appreciates many "modern" conceptions and freely concedes that some subjects might benefit from contemporary treatment, he still considers nine-tenths of modern art to be "just nonsense and an admirable way to place oneself beyond the range of normal criticism".

Cuneo's previous paintings of Inco are regarded as a masterful portrait of a great industry. His Thompson suite will be a worthy addition to the series.