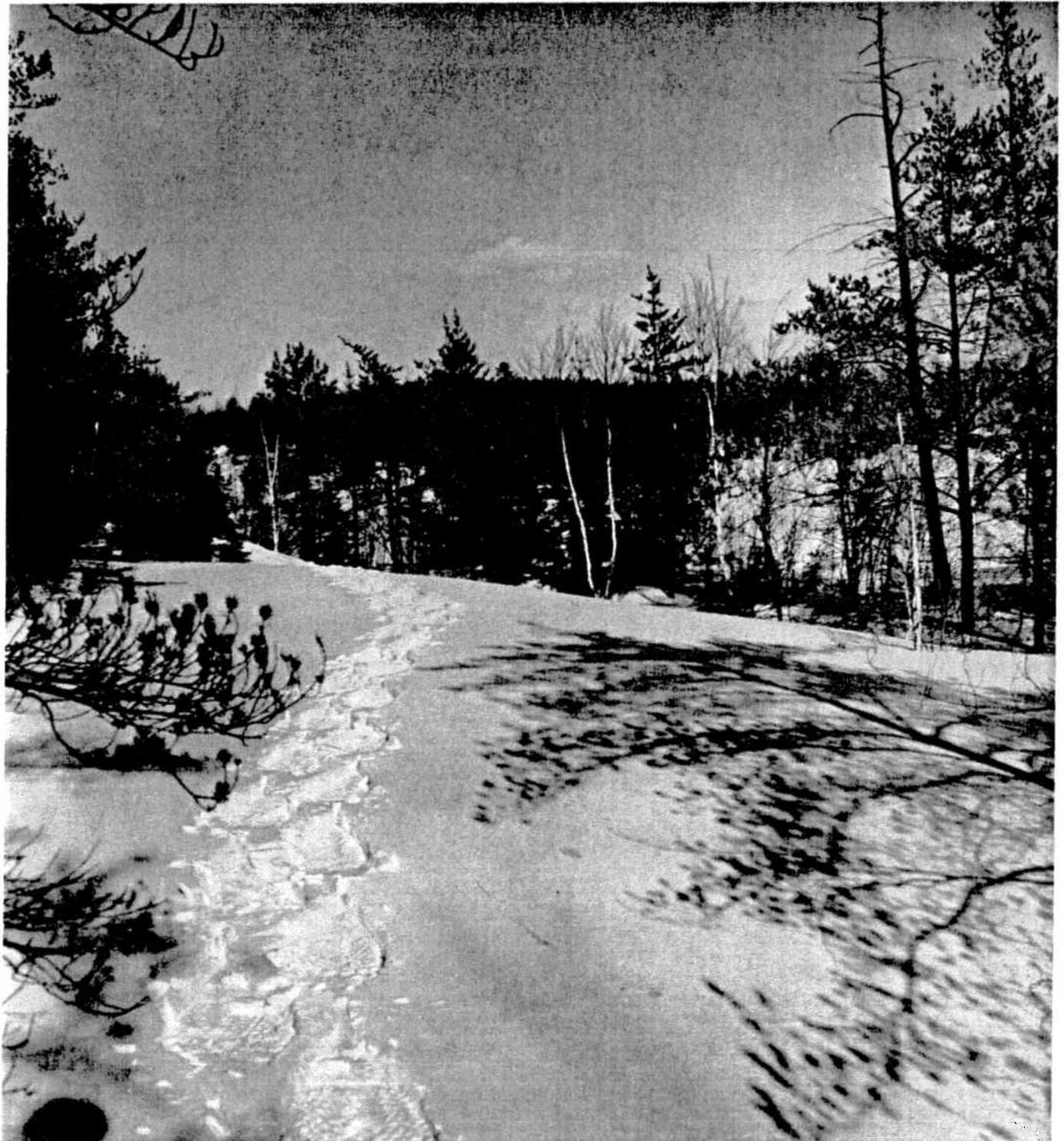




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Big Increase in Europe's Use of Nickel in 1960

Consumption of nickel by the free world will set a new high annual record in 1960, exceeding 500,000,000 pounds, an increase of more than 15 per cent over 1959, Henry S. Wingate, chairman of the board of directors of Inco, said in a year-end review of the nickel industry published December 22.

"A substantial increase in the use of nickel in Europe," Mr. Wingate said, "was the main contributing factor to the free world's record-breaking consumption during 1960. Differing from the pattern of past years, total consumption in North America, which for many years has been the world's largest market for nickel, was below that of the balance of the free world.

"Total consumption of nickel in the United States and Canada this year will be approximately the same as in 1959," he continued. "Large inventory liquidations by consumers of steel products in North America held back the production of stainless steels and nickel alloy steels, during the second half of the year, thus limiting the consumption of nickel.

"For the year 1960, the geographical distribution of the free world's consumption of nickel by areas is estimated as follows: Europe, 43.5 per cent; United States, 43 per cent; Canada, 2.5 per cent, and others, 11 per cent.

Nickel Applications

"All markets for nickel advanced during the year, with the use of nickel in stainless steels showing the greatest gain. A substantial increase was also registered for the application of nickel in electroplating, mainly as a result of the use by the automotive industry of improved techniques, permitting higher quality nickel plating.

"Following is an estimate of free world nickel consumption in 1960 by fields of use:

Field:	% of Total
Stainless Steels	32%
Electroplating	16%
High-Nickel Alloys	15%
Nickel Alloy Steels	13%
Iron and Steel Castings	12%
Copper and Brass Products	4%
All Others	8%
	100%

Production Capacity to Increase

"Nickel producers of the free world continued to increase their production capacities in 1960 and it is estimated that before the end of 1961 the total nickel production capacity of the free world, exclusive of Cuban sources, will ap-

proach 600,000,000 pounds annually. Canada will account for more than three-quarters of the free world's total nickel production capacity in 1961.

"International Nickel's new nickel project at Thompson, Manitoba, which is rapidly nearing completion, will contribute substantially to the anticipated increase in the nickel production capacity of the free world. The Thompson project, which will be the world's first fully integrated nickel-producing operation, is scheduled to begin commercial operation in early 1961 and will have an annual capacity of fully 75,000,000 pounds of nickel,

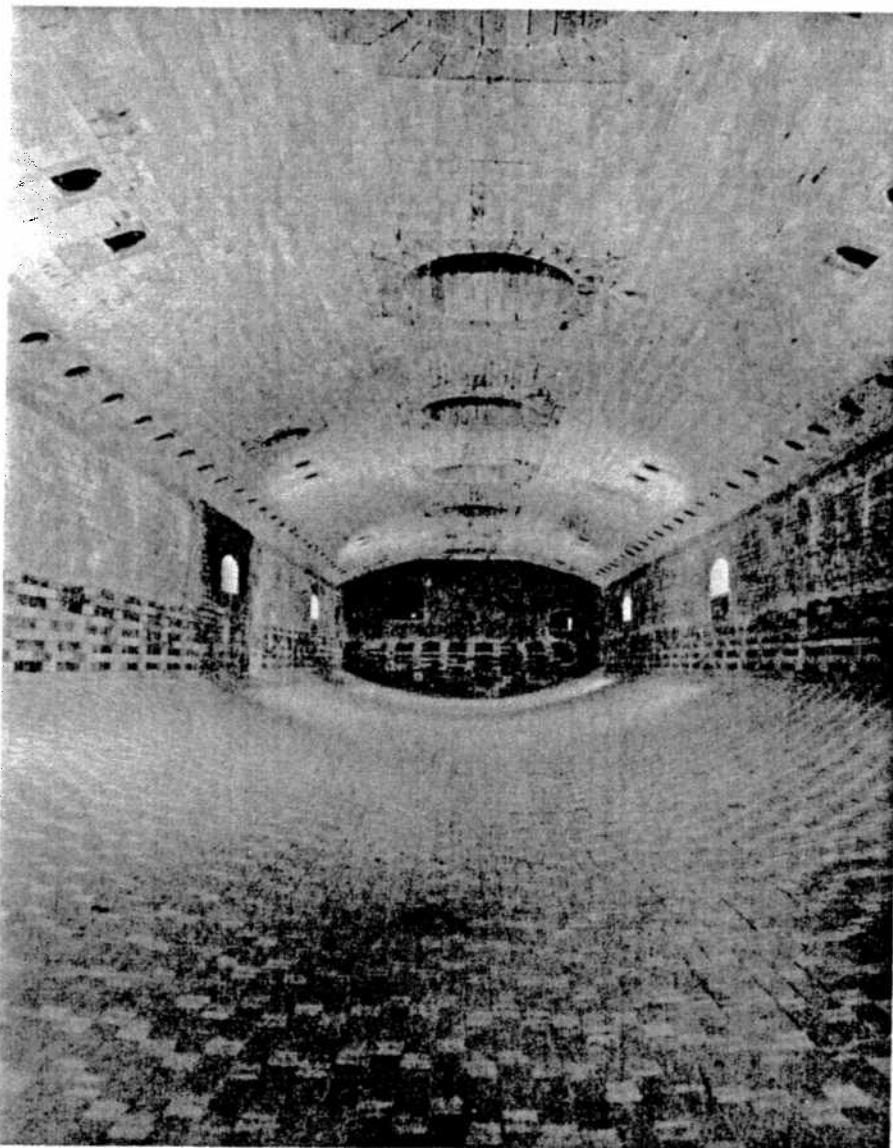
making it the second largest nickel production operation in the world after Inco's facilities in the Sudbury District of Ontario. With the Thompson project in full operation, International Nickel's total capacity of nickel will be more than 385,000,000 pounds per year. Planned annual nickel production capacity of other Canadian producers will include 65,000,000 pounds or more of Falconbridge Nickel Mines Limited, and about 25,000,000 pounds of Sherritt Gordon Mines Limited.

"The planned capacity of the French nickel company, Societe Le Nickel, with mines on the island

of New Caledonia, has been estimated at about 55,000,000 pounds annually. Nickel production capacity in the United States, originating mainly from the facilities of The Hanna Mining Company in Riddle, Oregon, remains at approximately 23,000,000 pounds per year. The balance of the free world's nickel production capacity consists largely of the capacity of Japanese refiners employing imported ores. The refining capacity of such refiners could support, if sufficient ore is available, an annual production of 35,000,000 pounds of nickel.

(Continued on Page 16)

Intricate Brick Work in Thompson's Electric Furnaces



This interior view of one of the three submerged arc electric furnaces at Inco's new Thompson smelter shows the intricate brick work involved in building a furnace of this type, which contains 125,000 bricks. The 18-inch sprung arch roof is of firebrick and the arched bottom consists of two layers of magnesite brick laid in an interlocking pattern to eliminate any through passage for metal. Along the centre of the roof are the openings for six 4-foot diameter electrodes. Inside dimensions of the furnace are 90 feet by 22 feet. The walls are 3 feet thick. The view is toward the tapping end, and to the left above the tapping blocks is the opening for the return slag launder. The openings along the sides are inspection doors.

President Urges Trade Drive in Common Market

Opportunities for expanding Canadian trade are to be found in the prosperous European common market, J. Roy Gordon, president of The International Nickel Company of Canada, Limited, and a member of the recent Canadian Trade Mission to common market countries, said in an address to The Canadian Club of Toronto on January 16. He asserted that although Canada has a reserve of good will in Europe, "such advantages as we may gain in overseas markets will be earned, not automatic."

Mr. Gordon said that all members of the group agreed that what they saw, heard and learned was "startling and sobering," adding that "we are now playing in a much faster international league than most Canadians realize."

The European Economic Community or common market, has within four years become the Free World's largest trading unit, as well as the largest buyer-importer of raw materials, and Canada's third largest customer, with 1959 purchases of \$316,000,000, the speaker noted. He also cited the growth of trade among the common market countries themselves — more than 37 per cent in the first half of 1960 — and a reported eight per cent rise in industrial production during the year as evidence that the EEC is producing results faster than expected.

"Such a situation," Mr. Gordon said, "must generate an increasing demand for goods and services and a demand which opens opportunities for suppliers from beyond the borders of the domestic market. There is, therefore, indication of increased demand for products which Canada could supply. This is likely to be chiefly in the field of natural and semi-processed materials, though not necessarily so."

"But the opportunity is there," he said, "if we go and take advantage of it and if we establish our own development and commercial organizations and outlets in this area and if we do these things before someone else does. Someone else would, of course, include Russia and her satellites. On future business, the operative phrase is: 'Go make it and get it. It will not be delivered to us'. Though Canada does have a reserve of good will in Europe, we will be dealing with tough buyers who do not make purchases on sentiment. Neither can we count on selling methods as simple as some of those we have hitherto used. We should condition ourselves to the thinking that, whatever the export, the present-day buyer is likely to have alternative sources of supply and he will be versatile in making do with substitutes. Such advantages as we may gain in overseas markets will be earned, not automatic."

Mr. Gordon said that common market executives are looking far ahead to an eventual merger with the outer seven or European Free Trade Association (EFTA), and

Reason for Levack's Ski Fame Not Hard to Find



Levack's future as the Little Lucerne of Northern Ontario is assured as long as there are droves of eager young skiers like these and volunteer experts like Tommy Acheson to teach them. To tell the truth this picture was taken last year; Little Lucerne is having a bad season on account of a chronic shortage of the white fluffy stuff, but what high class Canadian winter resort doesn't go through that sad experience now and then. Snow or no snow, Levack's name is very much in the ski news these days through the success of Lynn Cullis, whose latest triumph was winning the Combined event in the famous Taschereau meet at Mont Tremblant. Lynn, whom our readers will recall as a Triangle cover man last Spring — zipping through a slalom gate on Levack's Engineers' run — placed first in the Taschereau's giant slalom and third in the downhill to finish far in front of a classy field in the Combined. Needless to say his Nickelteen Ski Club pals and their coach, Ellis Hazen, were proud as punch of their man Cullis.

that if and when such an EEC-EFTA combination does come into being, the resultant federation will be bigger than the United States and bigger than Russia. Already as a unified market of 167 million people, he said that EEC alone is moving into the same trading bracket as the United States with its 180 millions and Russia with its 211 millions.

Referring to another aspect of Canadian-EEC trade relations, he said, "In the course of the EEC investigations carried out by the Canadian group, we ran up against new government attitudes towards exports which, we felt, justify further study and examination by our own government as well as by Canadian exporting industry." Pointing out that the common market economy requires export trade with others just as the Canadian economy does, he said, "The principle of providing incentives to build export business, whether by tax concessions or other means, is a generally accepted one and not only accepted, but practised."

Members of the Canadian trade group, Mr. Gordon said, were told that the idea for the common market was modelled after the United States, and that this American experiment in federated nationhood for political and economic purposes was, until EEC, the world's first and only example.

"If the United States was in one sense the prototype of the common market, then the United States — Canadian trade and investment relationship has long exhibited in another, the qualities of a successful common market operation. In volume, variety, and durability, there is neither precedent nor counterpart."

"In these circumstances it is disturbing to see signs here of

creeping anti-Americanism and an unthinking inclination to popularize free-wheeling criticism of the United States for no particular purpose. It bothers our many sincere and staunch friends on the other side of the border and worries the many Canadians and Americans of Canadian extraction in that country. The importance of our common problems far outweighs that of our in-

dividual differences. I can foresee no future period when our relationship with the United States will not be far and away our most valuable international one."

Patient: My memory is terrible. Lately I can't remember a thing.

Doctor: How long has this been going on?

Patient: How long has what been going on?

Hospital Patients Specially Remembered



For those confined to Copper Cliff Hospital, Christmas was made brighter by a visit during the morning from vice-president and general manager R. H. Waddington and assistant general manager Frederic Benard, who followed the long-established tradition of extending Yuletide greetings in person to the hospital patients and duty staff. Nick Shiplec, a painter at the Copper Cliff works, is seen exchanging good wishes with ward supervisor Nurse Barbara Smith; to her right are Dr. H. F. Mowat, chief surgeon, Mr. Benard, Mr. Waddington, Miss Allegra Walker, superintendent of nurses, and Dr. Jack Sturtridge.

Coniston's Second Annual Bonspiel Draws Record Entry of 40 Rinks



Skip of one of the plate shop entries, George Halverson gets away a canny stane in the Coniston 'spiel. The centre picture shows Rudy Petryna and Johnnie Cook as they sweep in a nice guard, and on the right Hector Barbe of the loco shop is seen tallying an end for his team.

Coniston's well-known community spirit and enthusiasm was amply in evidence at its second annual plant curling bonspiel which, with a total of 40 rinks entered, was an even bigger success this year than last. All departments of the plant were represented along with two teams of Conistonites working at Garson,

four teams from the town, and another of local school teachers.

Most entries (11) came from the miscellaneous fitters while others represented the shops, warehouse, office, transportation and smelter.

Terry Greene's rink copped the first event and the fine Kenwood blankets that were the winners' spoils. Joe Haraflak, Tom Bryce

and Paul Taillefer were the other members of Terry's team. In the runner-up spot was John Buchowski skipping Roland Gosselin, Harold Gagnon and Ron Sarazin.

Sterling Johnson won the second event with Leslie Chyka, Henry Grimard and Ken Glibbery on his rink, while Gino Gobbo's foursome of Ugo Commachio, Pete

Gobbo and Dario Chezzie were runners-up.

It took an extra end in the third event before Jim Fitzgerald was able to top Larry Deschamp. Jim had Vic Baldisera, Mike Shalatyński and Gino Baldisera on his rink and Larry's curlers were Maurice Laprairie, Leon Gervais and Pete Sottile.

Bill Beckett

"Alex McIntyre hired me in Montreal," related Bill Beckett, "and when I came to Copper Cliff electrical shop there was only one winder and Eino Kanerva as foreman. We had about 500 motors in the plant then, but today there are around 9,000."



Mr. and Mrs. Beckett

A winder — and a good one — all his working years, Bill has retired on disability pension on account of a chronic bronchial condition.

Retirement, however, doesn't necessarily mean less work for Bill, just a change. His favorite hobby, the Credit Union, will now get more than the 16 hours plus per week he has volunteered since its inception in 1951. He helped organize the Copper Cliff group and recalled that they started with about \$500 and now have some quarter of a million. Bill has held office for many years. He recently helped found and coach a new group in Sudbury.

Born in Scotland nearly 60 years ago, Bill apprenticed as a winder at age 14 and after completing his trade worked for several years at mines in Scotland. In 1923 he came to New York and worked with the Otis elevator company on an experimental program.

"A good winder is never out of a job," Bill told the Triangle, "and it's good work. It's getting a little tougher though," he admitted, "with the newer, more streamlined motors."

The Becketts were really tickled in November when their daughter Dorothy presented them with their first granddaughter. "With four grandsons this is what we wanted," Bill said. In addition to Dorothy, who is married to Jack Adams of the machine shop, they have a son Bill at Elliot Lake. Mrs. Beckett was Mary Eleanor Scott and they were married in 1923.

A keen, competitive bridge player some years ago, Bill may take up that game again with more time at his disposal. For the present however, a regular Saturday night three-couple poker club is his and his wife's favorite diversion. So with family, friends and hobby, Bill manages to keep just as busy as he wants to be.

Ludvik Bartol

"My first job in Sudbury was digging ditches on Notre Dame street," related Ludvik Bartol. "I didn't like it so quit and went to the steel plant at the Soo."



Retired now from the Copper Refinery with nearly 30 years' service, he is enjoying the best of health.

Born on a farm in Austria 65 years ago, Ludvik fought in World War I and was a prisoner of the Russians for two years. In 1919 he was returned to his home, which was then part of Yugoslavia, and after farming for some years he came to Canada in 1928.

In 1929 he was at Levack with Fraser-Brace construction company and then at the Copper Re-

finery, staying on in 1930 when it started up.

"I worked most of the time in the tankhouse," he said, "except for a short time in the acid plant and as a roaster furnaceman in the silver building. I spent the last 18 years in the tankhouse."

His wife, Theresa Skol, whom he married in 1925, and their adult daughters, have remained in the old land. "Yvonne is a doctor and

Maria married a farmer," he said. Ludvik hopes to see his family, including four grandchildren, when he makes his first trip back next spring.

Enjoying very comfortable bachelor "digs" in the Donovan where he has lived for over 20 years, Ludvik commented, "I like it here and have everything I need, including my own home-made wine."

Belles and Beaux Had Fine Christmas Party



Enjoying the buffet supper served at their second annual Merry Christmas party this group from the Belles and Beaux Square Dance Club at Copper Cliff are taking a breather after a couple hours of dancing and fun. Some 14 sets turned out for the party at the Canadian Legion Hall, to the great satisfaction of caller John Vanderburg. Around the table from left to right are Lil Stone, Ena Brown, Ida Wharton, Aggie Kudar, Scotty Grieg, George Dempsey, Vern and Norma Wyman, Chris and Polly Spencer, Florence Grieg, May and Jack Gladstone, John Kudar, Grace Dempsey and Basil Brown. The Belles and Beaux, along with all other square dance groups in the Nickel Belt, are eagerly looking forward to the Square Dance Festival at the Sudbury Inco Club April 14-15. The special guest caller will be Earl Johnston of Vernon, Conn. An extra session of the Festival for young fry will be held April 13.

Doug Swanson

"I came from Gothenberg, the same town as Ingmar Johansson, the heavyweight boxing contender," Doug Swanson said. "It's the second largest city in Sweden but most people never heard about it until he came on the scene." Retired from Frood on service pension Doug may this year make a trip back to the boyhood haunts he left more than 37 years ago.

Apprenticed as a plumber at the age of 14, Doug some 51 years later was still plying his trade. "I went to Norway in 1913 and worked as plumber with a big company like Inco." He came to Canada in 1923 — "to see what it looked like" — and after a few months rail-roading and laboring landed in Timmins where he got a job underground as pipefitter. In 1927 he worked as plumber on construction of the smelter at Noranda, then came to Sudbury in 1929.

He became foreman pipefitter for Fraser-Brace on the Copper Refinery construction and later on the C.I.L. plant. Things were



Mr. and Mrs. Swanson

tough though, from 1932 until he joined Inco in 1934. "Not much work then," Doug said. "I prospected, did odd jobs, was on relief, but finally landed a job at Creighton." He moved to Frood as plumber in 1937 — "Jim Miles took me there with him," — and for the next 23 years attended the myriad plumbing demands at that big operation.

He was married 46 years ago in Norway to Karen Stensrud. They have one daughter Walborg (Mrs. J. Katzman), a son Fred, and four grandchildren. Their beloved camp at Black Lake is where they live from break-up to freeze-up, their home on Lloyd street in Sudbury, which Doug built in 1931, seeing them less than half the year.

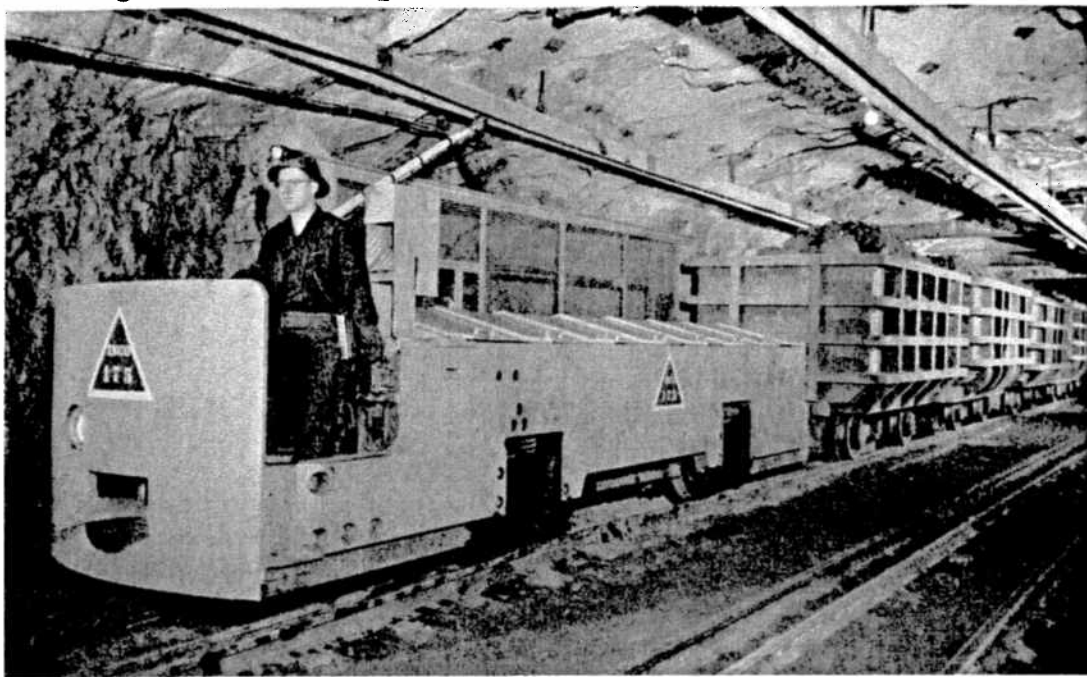
"I don't mind this taking things easy, at all," Doug assured the Triangle, "and I've plenty of little jobs around the place if I want to be busy." A happy couple in excellent health, the Swansons are very much enjoying retirement.

Wilfred Mallette

Retired from Garson on disability pension, Wilfred Mallette was born and raised in the Sudbury district. "We lived at McFarlane lake and I went to school there," he said. A chronic asthmatic condition that has been troubling him more of late has made it necessary for him to take it real easy from now on.

A diamond driller for many years, Wilfred's first job was with Smith and Travers. "I spent 15 years with them altogether," he said, "and drilled all over the

Underground Transportation on Big Scale at Inco Mines



Of the dozens of truly imposing sights encountered in a round of Inco's operations, one that never fails to impress is a 20-ton electric locomotive and its train of ore cars moving along a big well-lit main crosscut two or three thousand feet underground. Picture shows one of these trains bound for the rotary tippie on 3600 level at Levack mine. The loco, 20 feet long and driven by two 100-hp motors, is pulling 15 cars of 250-cubic-foot capacity carrying up to 15 tons of ore each. Car dimensions are 14 feet 6 inches long, 7 feet wide, and 6 feet 7½ inches above rail. Motorman shown on this train, which trams ore a distance of about 4,000 feet, is Hans Brasch. There are 19 of the mighty 20-ton locomotives in service in Inco mines, as well, of course as many others of smaller capacity.

Sudbury Basin." Farm, bush and road work he also gave a try, as well as construction work.

In 1941 Wilfred joined Inco at Frood and two years later moved to Garson. "I transferred the same day my daughter was born," he recalled, August 17, 1943. During his last five years he worked on deck. "That was a good job," he said, "but a little too drafty for my asthma."



Mr. and Mrs. Mallette

Wilfred married Annette Legault the same year he started at Frood. Their family are Ronald, in the Canadian army, Denise, Monique and Gerard, who is 12.

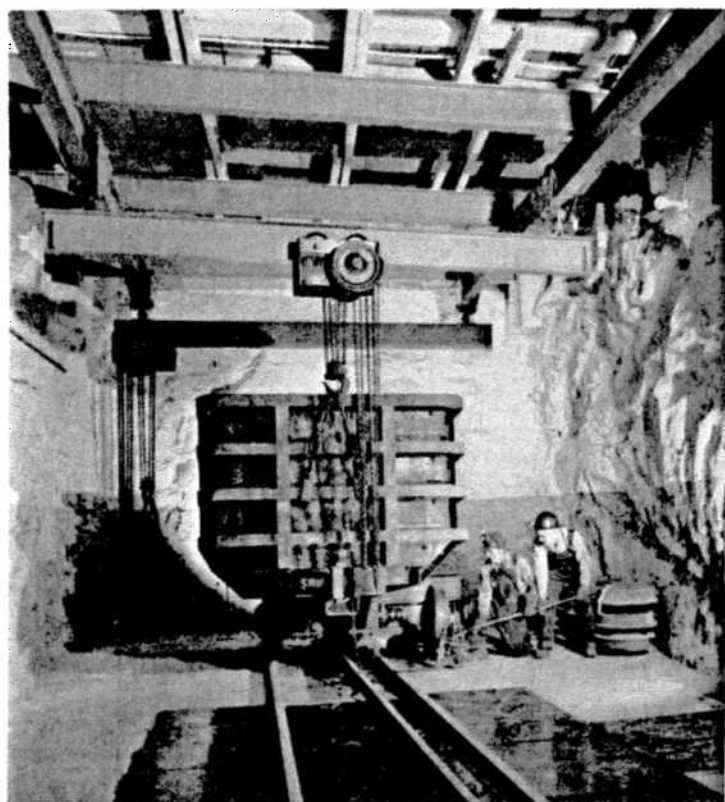
The Mallette's live in Garson Heights where Wilfred is toying with oil painting as a hobby. They previously lived in Garson for over 10 years.

A CARELESS ACT

"You're charged with throwing your mother-in-law out of a third-floor window. Guilty or not guilty?"

"Guilty, your honor, I did it without thinking."

"That's no excuse. You might have hit somebody on the head."



Typical of the extensive underground installations at Inco is this underground car repair station on Levack's 3600 level is designed to provide the best facilities for maintenance and repair of the 260-cubic-foot tippie cars in use there. In this picture Denny Vachon and Bob Monette are changing a car wheel, one of the more common maintenance jobs. In the fore-

ground may be seen the pit from which electricians service the locomotives and mechanics work under the cars when necessary. Two hoists provide plenty of lifting power. The third rail is to accommodate narrow gauge rolling stock. This station is 38 feet long, 14 feet in height to the bottom of the beams, and 16 feet wide.

Russ Bryce

Long-time member of the mechanical department at the Copper Refinery, Russ Bryce has retired on disability pension. When his heart started playing tricks on him the doctor advised lots of rest and Russ took the hint, much as he preferred his job.

Foreman in the plate shop since 1947, Russ started in that department when he first joined the Company in 1933. He began as a layout man on sheet metal work and later succeeded Fred Cody as foreman. "I liked the work," Russ said.



Russ and Mrs. Bryce

Born in 1903 on a fruit farm near Aylmer, Ontario, Russ apprenticed two years to the plumbing and tinsmith trade before joining relatives in the United States in the hardware business in 1919. Around 1922 he hit out for Florida: "The boom was on then, and everyone went crazy. People didn't talk in dollars but in thousands. I worked at my trade and helped build many hotels in Miami. I had an uncle who dropped several million dollars when the bottom fell out."

In 1925 Russ came back to Canada and worked as a plumber at Brampton until 1928, when he came north. "I arrived in Sudbury about 5 a.m. and was working for Parent that same morning," he recalled with a grin. Laid off in 1931, he worked in Timmins, then returned to Sudbury and in early 1932 was taken on at the Copper Refinery.

He was married in 1930 to Benedicte Legace and they have three daughters, Doris (Mrs. K. Swales), Helen (Mrs. I. Derosier) and Diane at school, and two sons, Don in Kitchener and Gordon who works in the Copper Cliff mill.

"I've never been back to Florida," Russ said, "but I may do that now. I'd like to see all the changes." The Bryces spent the month of December enjoying a visit to southern Ontario.

Come spring Russ hopes to be able to handle some light work in his line, and this along with fishing should keep him quite happy. "Right now I'm enjoying my ease," he declared. "Give my love to the boys at the plant."

QUICK QUIZ

1. In what year is curling believed to have been introduced in Canada?
2. Does the personal income tax provide two thirds, one half, or one quarter of total federal government revenues?
3. Canadian exports hold what proportion of the world wheat market?
4. May a Canadian be knighted by the Queen?

Inco Window Ties in with 'Gleam of Stainless' Promotion



The practical beauty of stainless steel is on exhibition for Sudbury District housewives to see in another eye-stopping display in the Inco window, Chamber of Commerce offices, Loblaw Building. A model kitchen, complete in every respect and rich with the "Gleam of Stainless Steel", has the ladies oh-ing and ah-ing with delight. The key to stainless steel's steadily increasing popularity, besides its durability and ease of cleaning, is its bright 'quality' appearance, and this could hardly be more effectively shown than in the latest display arranged by Harry Despard in co-operation with Inco's advertising department to tie in with the new continent-wide "Gleam of Stainless Steel" promotion.

5. The steamship Royal William is famed for what achievement?

ANSWERS: 3. In the crop year ended July 31, 1960, 28 per cent. 1. In 1760, by British troops, at Quebec City. 4. In 1945 a House of Commons committee recommended that residents of Canada receive only honors that do not involve titles. 5. The Royal William, built at Quebec City, was the first steamship to cross the Atlantic. 2. In the current year, about one quarter.

Nick Sawyshyn

Retired from the Copper Refinery on disability pension Nick Sawyshyn is planning to return to his native province of Saskatchewan. "I've still got the old homestead there," he said.

A member of the Eastern Irrigation Company in Alberta for nine years, Nick helped irrigate some 450,000 now fertile acres west of Medicine Hat. He hopes later to apply this technique to his homestead which boasts a small lake nearby. "On the big job," Nick



Mr. and Mrs. Sawyshyn

Win Inco Mining Awards at Sheridan Tech



The Inco awards for the highest standing in the mining option were presented at the annual commencement exercises of Sheridan Technical School by R. P. Crawford, director of technical personnel, shown on the left here, to two brilliant young students, Claudio Michelutti for Grade 11 and Leslie Foreman for Grade 12. On the right is R. G. McDorman, principal of Sheridan Tech.

said, "we dammed the Bow river and drew the water off in canals. Worked like a charm, too."

Born and raised on a farm, Nick literally "lost his shirt" on that same farm after returning from overseas. "In 1947 I took it over from my Dad for a year," he related, and "put all my money into it. We seeded 780 acres and lost everything — didn't have half an inch of rain all summer. That's when I came east."

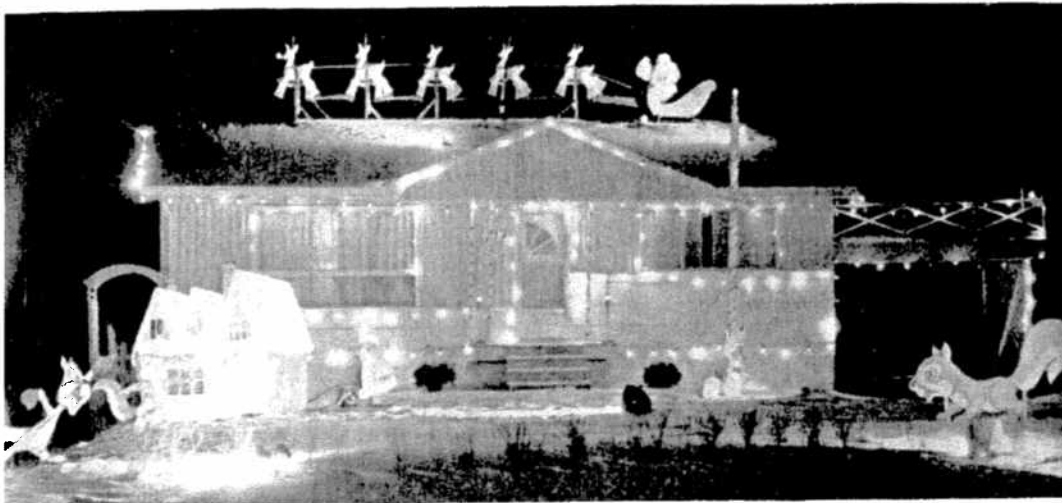
After the crop failure Nick went to Saskatoon and found that Alton

Browne was recruiting men there for Inco. He was posted to the Copper Refinery, worked a few years in the transportation department, then moved to the machine shop in 1952 and worked there until his old war injuries forced him to retire.

He was with the Canadian Artillery from 1942 to 1946 and was wounded three times.

He was married in 1946 to Lydia Kindt and they have three children, Evelyn, 13, Shirley, 10, and John, 5.

Murray Miner Gerry Joliat Wins Prize For Best Decorated Home in District



Past experience as a carpenter came in mighty handy for Gerry Joliat of 217 Errington St. N., Chelmsford, as he set about the task of creating a prize-winning entry for the Christmas Home Sparkle Contest. The judges selected the Joliat home as the most attractively decorated one in the entire Sudbury district. The contest, sponsored by the Sudbury Hydro-Electric Commission, Ontario Hydro-Electric Power Commission and The Sudbury Star, offered a first prize of \$50.00. Last year Gerry placed seventh. One of the features of this display was the ingenuity displayed by Gerry in using three old washing machine motors to put "life" into his plywood cut-outs. Santa's reindeer appeared to be



running and Ol' St. Nick waved merrily from the roof-top. Well-concealed spotlights and gaily colored lights on the house set off the display perfectly. Gerry, a miner at Murray Mine, worked on his display for three weeks between shifts, assisted by Mrs. Joliat and his brother, Richard, of Hanmer.

Pictures show the beautifully decorated Joliat home and, on the right, Gerry and his wife and their young son Ivan, 4, mounted on his trusty steed. Mrs. Joliat is a sister of Lucien Villeneuve, formerly of Levack and now a general foreman at Inco's new Thompson mine.

Stainless Steel Promotion Again Big Inco Project

Starting Feb. 13, The International Nickel Company of Canada, for the third successive year will launch a campaign to acquaint continent-wide consumer markets with the availability of stainless steel housewares and appliances.

Aimed at the long-range development of markets for nickel-bearing consumer products, the campaign in Canada will involve a co-operative effort on the part of Inco, The T. Eaton Co., and Atlas Steel Ltd., Canada's largest producer of stainless steel.

"Canadian interest in stainless steel housewares and appliances is growing continuously," K. H. J. Clarke, Inco's manager of Canadian sales and market development said. "This interest can be further increased by encouraging new fabricators in the design and production of stainless steel consumer product items and by influencing designers in their understanding of the properties and potential applications of nickel stainless steel."

Stainless steel is a solid steel alloy and is not dependent on protective coatings for its corrosion resistance. The most commonly used stainless steel is "18-8", the name derived from the fact that it contains 18% chromium and 8% nickel. Stainless steel is currently the largest single market for nickel.

The addition this year of a 75-million lb. annual productive capacity at Inco's Thompson project in Manitoba to the 310-million lb. annual output of its Sudbury district operations will ensure Canada's leadership in nickel output. Mr. Clarke said. Canada will produce about 75% of the world's nickel.

In the unusual co-operative

venture between the mining company, a retail chain and a steel manufacturer, Eatons will establish a "Stainless Steel Centre" at its major retail outlets and mail order offices across Canada. In the United States, 61 major department stores, representing a total of 141 main stores and branches, will be involved in the "Gleam of Stainless Steel" promotion.

The previous "Gleam" promotions have resulted in a marked increase in new designs and lines of stainless steel products available to the consumer, Mr. Clarke stated.

Geza Szabo

Late in the 19th century when Europe was a continent of kingdoms ruled by Kings, Queens, Czars and Emperors, Geza Szabo was born in the great empire of Austria-Hungary.

In 1927 he and his young wife came to Canada to settle in Port Colborne. Geza landed a job with the Maple Leaf Milling Co. elevator and remained with that type of work until the lean early thirties put him on short time.



Geza and Mrs. Szabo

With an increase in business at Inco, Geza found employment as an Incoite and went to work on No. 5 building stripping floor. He was there a year when he transferred to the calcine department where he fired the furnace. Dur-

ing seven years he helped make a mighty pile of nickel oxide before going to the yard gang under Eddie Noyes.

Geza has been in the yard department nigh on 18 years, and Charles Bridges, superintendent, has great respect for him as an employee who took a positive outlook toward his duties. "He was a reliable and trustworthy employee and could always be depended on to have all his various chores done;" — such a statement from one's supervisor is a gratifying note on which to close a full quarter century of service.

Geza married Mary Veligdan. Assistant manager James Walter, in thanking Geza for his faithful service to Inco, expressed the wish that he and his wife would long enjoy their retirement.

Walter Ruzycski presented Geza with a wallet on behalf of his workmates and friends of the yard department and Charles Ott asked Geza to deliver a bouquet of roses to Mrs. Szabo on this auspicious occasion as a fully recognized member of the "Inco team."

Manner, not gold, is woman's best adornment. Menander.

Theatre Guild Scores with "Teahouse"



Capacity audiences at the Sudbury High School auditorium voted Teahouse of the August Moon one of the most successful presentations in the history of the Sudbury Little Theatre Guild. Skillfully directed by Peg Roberts, the highly ambitious effort called for a cast of 30, unusual costuming and stage settings, and such special props as a live goat named Lady Astor. Shown above are three of the leading actors in the play, Bert Meredith as Captain Fisby, Al Hemrend as Sakini, the Okinawan interpreter, and Bob Hall as Colonel Purdy. The picture was taken for the Triangle by Rene T. Dionne.





More Than 17,000 Inco Youngsters Entertained at Christmas Parties

An exciting preview of what jolly old Santa Claus had in mind for Christmas Eve was given to thousands of children of Inco employees at 11 separate Christmas parties.

From the smallest — but just as interesting — Lawson Quarry party through the huge Froid-Stobie affair, the annual Yuletide gatherings were again a tremendous success, the various mine and plant Athletic Associations going all out to ensure a happy time for youngsters and parents alike.

More than 17,000 children 10 years and under were entertained, a new record.

As in past years the Froid-Stobie Mine and Open Pit party boasted the largest clientele with

nearly 4,500 kiddies each receiving a toy, fruit, candy and a word with Santa during the day-long event held at the Inco Employees' Club. Free coffee and cake was on tap for parents and a color movie for the youngsters. Froid impressario Eldred Dickie termed it "one of our better parties".

At Creighton more than 900 children (and not a few adults) were treated to a fine feature movie, "Darby O'Gill and The Little People" at two separate showings at the Employees' Club. Santa was present too and helped distribute candy, fruit and nuts.

Levack topped all previous records with more than 2,200 youngsters registered for Santa's
(Continued on Page 14)





**More Delightful Scenes
At the Christmas Parties**



Here and There at Christmas Time



At the Froid-Stobie Christmas tree party, at the Inco Club, vice-president R. H. Waddington (second from right) enjoys a chat with some of the willing workers, mine superintendent S. J. Sheehan, Mrs. Ernie Soucek, Eldred Dickie, and Vic Leroux.



The annual family Christmas party at the Copper Cliff Club drew an overflow turnout that had that venerable institution bulging at the seams. Shown is part of the happy crowd on the dance floor. A swimming display was staged in the club pool.



Enjoying traditional carol singing in the accounting department at Copper Cliff the day before Christmas were, among many, June Talbot, June Dagg, Laura Camillucci, Ann Sheltz, Sandra Hannah, Lietta Quainttini, Nora Bargnesi, and Lorraine Baxter.



At the Leveck Christmas tree in the Employees Club Santa was warmly congratulated on his fine growth of whiskers by vice-president Waddington and T. M. Gaetz, and local stalwarts Gordon French, Bill Bushnell and Marty Callaghan.



Another Christmas tradition is enjoyed by the gals at the Copper Refinery, who exchange gifts and have tea the day before The Big Day. Around the table are Hattie McCrea, Ann Bacik, Rae Carriere, Theresa Doiron, Joyce Graham and Evelyn Fox.



Stobie motorman Frank Scott and assistant general manager T. M. Gaetz exchange Yuletide greetings at the Froid-Stobie Christmas tree. Holding gifts and beaming approval are Frank's daughters Pierette, 6, and Julia, 5, who thought it was a lovely party.



There must be a special place in Heaven for all the fine fellows who work long and cheerfully to make the Christmas parties a success. Here are some of the Copper Refinery's "Santa staff": Andy Martin, Jim Bryson, Bud Ellis, Terry Witty, and personnel officer Carl Wilson.



Five theatres, four in Sudbury and one in Chelmsford, were used for Copper Cliff Athletic Association's Christmas movie party. Buses brought the kiddies from outlying points. Here's a group from Copper Cliff, shepherded by Bert McClelland and Gus Harrison.

INCO FAMILY ALBUM



The Paul Besners of Lively make a pleasant family group. Shown with their parents are Janice, 6, Bobby, 10, Doreen, 8, and Suzanne, 11. Their dad has been an Inco man for 12 years and is a construction leader at Creighton no. 3 shaft. His hobby? "My four wonderful children," was his happy reply.



Inco pensioner Pete Muraska, who was a skimmer on the nickel converters at Copper Cliff before his recent retirement, is proud of his handsome wife and family. From the left the girls are Stella (Mrs. Tresize), Mary, whose husband Max Matte is with the geological department, Rose (Mrs. Kovalchuk), Carol and Phyllis. The family's other male is Jim, 12. The family home is on Kingsmount Boulevard, Sudbury.



Copper Cliff mill is represented in this month's Family Album by none other than the Robert Chartrands and their fine young brood. Richard is 7, Rose 4, Carolle 3, and Lorraine just one year. They live in New Sudbury.



A warehouse man at Frood is Rene Gauthier, who is shown here with his wife and their two children, Gerald, 11, and Francoise, 6.

LEFT: Mr. and Mrs. Antonio Seppecerqua of Port Colborne with their twin daughters, Diana and Rosemary, aged 2, and son Albert, 8; Tony is a shipper in the Nickel Refinery yard department. CENTRE: Mr. and Mrs. John Rickaby of Levack with Janet, 6, and Heather, 3; a shift boss in the mine, John has a brother Andy on the Inco staff at Thompson. RIGHT: Mr. and Mrs. Eric Kossatz and their 6-year-old daughter Anne of Murray mine, where Eric is safety engineer.



Pete Zyma Given Fine Sendoff by Representative Group at Stobie



At the end of his last shift Pete Zyma was honored by a representative group at Stobie mine. He is shown receiving a wallet of money from assistant superintendent A. P. Olive. Others in the picture, from the left, are Pete Zvonkovich, Emile Gilliard, George Fleming, Bob Mitchell, mine superintendent S. J. Sheehan, Joe Urban, Clare McAfee, Art Silver, Gordon Soule, Johnny Bell, Butch Allison, George Inkster, and Garnet Milks.

"I helped drill the first round in no. 3 shaft at Frood," Pete Zyma recalled, "and I worked 17 months helping sink it." A shaft driller for many of his earlier mining years, he has retired from Stobie on pension.

His first taste of mining was at Worthington back in 1916. That lasted six months. He next appeared at Murray in 1922 and later worked for Mond sinking no. 4 shaft at Frood. In 1926 he moved over to Inco at no. 3 shaft and after sinking was completed, helped cut stations and drive drifts, raises and boxholes on several levels.

After another break in his service Pete returned to Frood in 1930 and worked for some time in

no. 4 shaft, stripping cribbing and installing sets. He later helped sink no. 6 shaft, and went to Creighton when no. 5 shaft got under way there. He was at Garson from 1937 to 1939 and also spent a short time at Levack before transferring to the Open Pit in 1940.

Pete spent the next six years on wagon drills at the Open Pit, then an old injury required him to take lighter work so he filled out his service as a dryman at Stobie changehouse.

"My brother sent me a ticket to come to Canada," Pete said. "I came to Ottawa and worked on the section gang for a couple of years." In 1915 he worked in the bush and

the following year was at the mill in Espanola. After a go at mining he returned to Espanola and worked there until 1921 when he went west to Dauphin, Manitoba, and got married.

Mrs. Zyma was formerly Ann Sydor. Members of their family are Barbara, wife of Tom Hruk of Murray, Steve at Frood, Mike in Toronto, Olgo (Mrs. Zembrycki) and Peter. They have six grandchildren.

For close to 35 years Pete lived next to the bank in Sudbury's Donovan, but recently moved to a fine new home. "I guess I'm just a baby sitter for the kids now," he said, and apparently this suits him just fine.

Nelson Bellmore

A mine foreman with Inco for many years, Nelson Bellmore has retired on service pension. Born on a farm near Massey in 1895, he first worked in the bush at age 15 and has some vivid memories of those early logging days.

"Massey was a real boom town then," he related, "with four hotels in town and over 20 camps in the area. 'Fights? There were lots of them. I've still got a scar on my nose from a pair of calk boots.'"

Reminiscing further Nelson recounted seeing many hewn logs, 4 feet at the butt and 100 feet long, being sent to England for sailing ship masts. "That was all virgin timber around there then. I've seen stumps you could stand a horse on, all four feet." Game was plentiful too with moose often following the horse-drawn loads of logs.

Expert log burlers, he and his brother competed at many towns in this exciting sport.



Mr. and Mrs. Bellmore

"One thing I'll never forget," Nelson told the Triangle, "was those fellows with the broad axes. They could trim a white pine log smoother than I could plane it, and those axes must have weighed 50 pounds. Funny thing," he added, "all those real good hewers were from the Gaspé."

After the lumber camps came a 10-year stint for Nelson in the paper mill at Espanola, then when it closed in 1929 he came down and started at Frood. "I helped shaft," he recalled.

A shift boss and foreman for most of his Frood years, he went to Murray in 1948 and worked there until retirement. "As far as I'm concerned mining is the best job," was his opinion, "and I'd go right back at it tomorrow if I had to."

Nelson was married in 1923 to Regina Gallepeau. The Bellmores have two sons, Harold of the Copper Cliff warehouse and Robert at Onaping. They are also very proud of their four grandchildren.

A comfortable camp on the French River will now be their summer rendezvous and in winter the whole south can be their oyster. "We like motoring," smiled Mrs. Bellmore, "and we'll likely end up this winter in Florida."

In excellent health the Bellmores are headed for a happy retirement.

DIFFERENT NOW

"I think you're very unreasonable," the husband complained to his wife.

"Oh yeah?" she retorted. "Well, I was just as unreasonable when we were first married, but then you thought it was cute."

New Social Group Holds Its First Annual Dinner Dance



Youngest of the social groups formed among Inco people is the Reduction Mechanical Department Staff Club, which held its first annual dinner dance at the Italian Club, Copper Cliff. A full turnout of members and their wives found it a highly enjoyable affair. At the table on the left above are Jim Wharton, Bea Chandler, Ida Wharton, Bill Chandler, and Gladys and Herve Girouard; in the foursome on the right are Tom and Marg O'Connor, her sister Frances Grant, and Ross Ferguson.



Two of the new club's officers, Ralph Robertson, treasurer, and Bob McCleary, secretary, are seen here with their wives and Mr. and Mrs. John Spec. Other executives of the club are Fred Burcell, president, and Remo Canapini, vice-president. The initial party was done up in full style and was a colorful event.

TO COURAGE

Within my crowded heart
How can you find space
All of my daunted days
Pre-empt this place.
Yet always you return
Waiting in the deep
Oblivious darkness,
Watching my sleep.
Most precious gift of God,
Mysterious flame
Rising in my cold heart,
Burning again,
Ultimate spark in me,
Indestructible friend,
For you there is no dying,
No journey's end.

FLORENCE RIPLEY MASTIN,
In The New York Times

17,000 Youngsters

(Continued from Page 9)

bounty. Colorfully wrapped toys, candy and nuts, accompanied by a personal greeting from Santa, was the pleasant fare offered at this party. Two tastefully decorated Christmas trees inside and outside the Employees' Club added the right festive touch.

At Garson an hour of fun preceded Saint Nick's dramatic appearance down the chimney. In addition to cartoons, live entertainment by the ever popular Fred Desjardins and his gang, plus a pageant and some interesting singing and dancing by a group of girls from the club, was enthusiastically welcomed by an S.R.O. crowd. Candles and toys were then distributed to the nearly 1,500 youngsters attending, with Santa having a special word or smile for all.

At the Murray Christmas tree party, held in the Inco Club in Sudbury, some 900 children had a big day with a color movie, free hot dogs and pop, toys, candy and a visit with Santa himself, plus a romp with scores of other boys and girls. Coffee and cake was served to parents and a prize draw was held during the afternoon proceedings. Toys were prepared in family packages, which greatly facilitated distribution.

The Willisville schoolhouse was the scene of Lawson Quarry's Christmas concert and party, and the joy and enthusiasm of this event was certainly in inverse proportion to the number of children participating. The Nativity Scene, a picture of which appears in the accompanying layout, was the grand finale of the very enjoyable concert, after which Santa arrived amid great excitement to distribute lovely gifts to all.

The Copper Cliff Athletic Association again provided a highly acceptable cartoon show for some 4,000 young 'uns including

Recent Appointments at Copper Cliff and Port Colborne



M. E. Young

N. A. Creet

G. R. Green

V. H. Ritzel

J. G. Strasser

K. R. Johnston

Appointments were recently announced at Copper Cliff as follows, effective January 1:

R. H. Waddington, vice-president and general manager, announced the appointment of M. E. Young as assistant superintendent of safety.

J. A. Pigott, manager of mines, announced the appointments of N. A. Creet as superintendent of Frood and Clarabelle Open Pits; G. R. Green as assistant superintendent of Frood-Stobie Mine; V. H. Ritzel as assistant superintendent of Levack Mine; G. J. Strasser as assistant superintendent of Murray Mine.

R. R. Saddington, manager of reduction plants, announced the appointment of K. R. Johnston as assistant superintendent of transportation. At Port Colborne W. J. Freeman, manager of the nickel refining division, announced the appointments of B. Linden as superintendent of the electrolytic nickel refinery and A. Zahavich as electrical superintendent.



B. Linden

A. Zahavich

those of Iron Ore Plant employees, police, and Creightonites resident in Sudbury. Many adults accompanying their kiddies also enjoyed the show. Santa was a busy man that Saturday morning visiting each of the four capacity-packed Sudbury theatres and bringing a real thrill to hundreds of believers. The Plaza theatre at Chelmsford was also used this year and as in the past bus transportation was provided for children in the outlying areas. Fruit and candy were distributed at the end of the show.

Coniston held two shows in the Club Allegri in order to accommodate the nearly 1,000 kiddies at that plant. Jack Avery of the

Copper Cliff warehouse mystified and enthralled the audience with his feats of magic and Santa's arrival was preceded by a hearty sing-song. Distribution of toys and candy then wound up the party. "One of the best we've had," commented Ray Bouchard. "Toys were good and everything ran smoothly."

At the Copper Refinery party held at the Inco Employees' Club, about 850 kiddies came forward when their names were called to get a gift plus candy and cracker-jack right from Santa himself. In addition a color movie was shown and parents were treated to coffee and cake. "A good party," agreed Howard Caldwell and Carl Wilson, "and we were pleased to notice many more parents out this year."

At Lively Santa dispensed with his regular mode of transportation and arrived in that town on a bright red fire truck. At the high school auditorium he took up temporary residence, welcomed over 1,350 youngsters and saw they each received a toy, fruit, nuts, candy and a cheery word.

Out in Manitoba's new town of Thompson the Santa Claus parade was again a major civic enterprise, many attractive floats being sponsored by the business houses in addition to the majestic appearance of St. Nicholas himself, reindeer and all. The "Minerettes" were an especially attractive presentation. Some 600 kiddies from Inco and other homes in the town enjoyed the show and the subsequent visit with Santa personally.

All of which added up to a very large but also very rewarding job for the many faithful volunteers who each year work to make Christmas happier for the kiddies. How well they succeeded can be judged to some extent by the expressions on the faces in the accompanying photographs.

COMFORTING NEWS

Fortune teller—"You'll marry a dark man, and for the first few

years you'll be quite poor and worried."

Girl—"And then what?"

Fortune teller—"You'll get used to it."

Walter Twardy

Another Copper Refinery old-timer who helped build the plant, then stayed on to work in it is Walter Twardy, who recently retired on disability pension. "I'd like to be feeling better and working again," he said, but with a heart condition must obey his doctor's decree.

A member of a minority group, bachelors, Walter regrets having never married. "I'm sorry

now," he admitted, "because it gets lonesome at times. Maybe I can find someone else who is lonesome and we can remedy the situation."

A wheelman and furnaceman in the casting department for many years, Walter enjoyed his work. He started in 1930 with the transportation department and moved to the casting department in 1935. He has a brother John, also a Copper Refinery man.

Born in Poland in 1902, Walter had just been called to the army when war ended. He came to Canada in 1928 and worked from Quebec through to British Columbia in a year. "I really liked British Columbia," he said, "but couldn't get a job there." A newspaper ad brought him to Sudbury in 1929.

Resident in a nice quiet rooming house on Succo street in Copper Cliff for over 22 years, he has no intention of moving unless his marital status changes. A trip back to Poland he is planning for next spring, and in the meantime is obeying his doctor's advice and taking things easy.

One of Santa's First Visits of Season



The Christmas Tree and Bazaar held annually by Nickel Chapter I.O.D.E. at the Copper Cliff community hall is one of the first, as well as one of the most pleasant, events of the Yuletide season, and it always draws a large attendance of mothers and youngsters. For the latter the big attraction is a certain genial gent who has a marked weakness for good little girls and boys. Here he is with a trio of charmers.

Harry McGinn and Lou Clement New Pensioners



At the big double retirement party held in the Italian Hall at Copper Cliff, Harry McGinn and Lou Clement were presented with gold watches as tokens of the respect and esteem in which they are held by their workmates in the Copper Cliff mill and elsewhere in the plant. From the left here are Albert Charron, Ray Doucet, Harry McGinn, Milt Brooks, Lou Clement, Jim Lee, Earl Stoneman, and Percy Dyce.

Two well known and universally popular mill men with almost 60 years of Inco service behind them took their retirement bows together recently.

LOU CLEMENT

Lou Clement was born in Eganville but his father was a contractor so the family moved about a good bit during his boyhood.

His first contact with Inco was in 1915 when at the age of 16 he joined his brother-in-law, Des Price, in surveying the O'Donnell roast yard site back of Creighton. He went overseas with the Canadian Army the following year and on his return worked as a surveyor, for some time with the CNR and then with a contracting firm building both approaches to the Windsor-Detroit tunnel.

In 1934 he came back to join the field engineering department at Copper Cliff, then two years later transferred to the mill where he became a flotation operator, duties he carried out faithfully and well until his retirement on service pension.

Mr. Clement was married in 1936 to Kathleen Clancy, and he says that after "Clancy lowered the boom" he became the happiest and most contented man in Sudbury, and still is. They have a son, William, who is in training in Toronto for the priesthood with the ambition of becoming a foreign missionary, probably to China.

A hot hockey fan, Lou has been suffering along with the Wolves. He thinks Chamberlain should never have let Ubriaco go — believes with many others that hustling little Gene was one of the best men on the team. He was also keenly sorry to see Gerry Odrowski called up. Among the National League teams he takes Toronto.

Lou is quietly very proud of the watch presented to him by the boys at the mill. He also deeply appreciated the purse of money that went with it, and he and his wife used it to give themselves the nicest treat they could think of — a trip to Toronto to visit their son.

HARRY MCGINN

Harry McGinn came to Sudbury in 1929 and decided, from the first

day he landed that it was the town for him. In fact so strong was his faith that he started building a home right away, before he even had a job! "We were the first house on our part of Ash street," he recalled. "There was no road then. My brother Jim had a half dozen lots and gave me one to build on."

The McGinns still live in that comfortable home and in it have raised a family of seven fine citizens. Youngest and last of the brood at home is Ralph, who this year is in grade 13. Other members of the family are Isobel (Mrs. L. Neville) of Lockerby, Alice (Mrs. I. McClymont), of Toronto, Arnold, of Ottawa, George, of Calgary, Hugh, of Toronto, and Art who works in the machine shop at Copper Cliff. There are also nine grandchildren. Mrs. McGinn was formerly Mabel Percival and they were married in 1923.

Retired from the concentrator at Copper Cliff where he has worked since 1930, Harry has been a mill man most of his adult life. His first job away from the farm at Cobden was in the mill of the old Buffalo mine at Cobalt, a spot pretty isolated back in 1918.

After returning to the farm and bush for a couple of years Harry went to the Dome in 1924 and worked in the mill there until 1929. "We had stamp mills," he said with a grin, "and if you want noise, that's it."

Before starting with Inco Harry built his own home, helped build an addition to the Nickel Range hotel and an addition to Eaton's store.

The newly constructed Inco mill was just starting up when Harry came here. "We had 16 12-foot mills at first," Harry said, "but that soon increased in size and numbers. We changed to the big 15-foot mills and ended up with 34 of them."

A relief shift boss in 1939, shift boss in 1943 and foreman in 1951, Harry McGinn commanded the respect of all ranks. "I sure miss that gang of mine," he said, "but I do meet quite a few of them downtown and at the retirement

parties. It's certainly fun going to them."

With a fine basement workshop, complete with power tools, repairs to his own home plus requests for

similar help from his married offspring, Harry is a happy and busy man. His son Art has a newly acquired camp that will also help keep Dad busy this summer.

Occasionally Harry gets the urge to return to the Ottawa valley to live but his "better half" wisely insists they'll stay on Ash street. "Of course we've lots of relatives all over the country when we want to go visiting," Harry said. "There's something like 125 related McGinns scattered around."

"Our fathers and ourselves had good sized families but the young ones seem to be falling down on the job," he added.

THE EVERLASTING GIFTS

It is not a good spiritual policy for us to thank God only for the material progress of our times; because these material things will soon give place to something better, and then our prayers and hymns will seem lost, and we who lived for them will seem to perish with them; but if we bless God for the sun that has held us in its arms, and for the autumns that have painted the fields . . . then we have a worship which the future cannot take away from our souls or memories. (David Swing)

You can't expect your ship to come in unless you've sent one out.

At 83 He's Really Just Starting



A gallant old gentleman with an irrepressible love of life has just taken up a new musical instrument in his 83rd year.

Thomas Saville, who was a weigher in the Nickel Refinery at Port Colborne until his retirement on service pension in 1945, has decided it's about time he learned the accordion, and is getting a great kick out of mastering the moods of the "squeeze box."

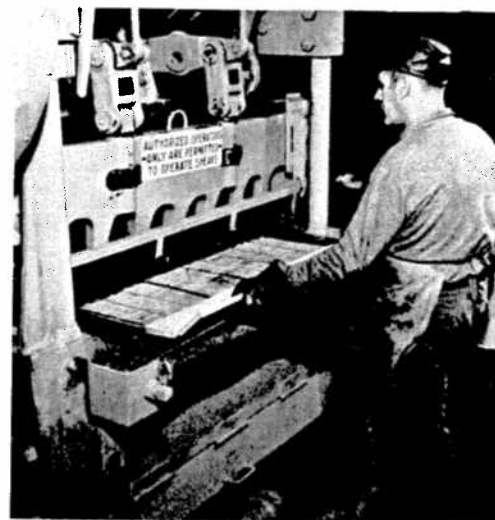
Had the Triangle camera been wired for sound when the above picture was made, our readers would be listening to the stirring chords of "Road to the Isles" as they read these lines. Standing is Mr. Saville's son Archie, a member of the Nickel Refinery accounting department and a leading Niagara district badminton and tennis star. Another son Eddie of Copper Cliff

has given generously of his time and talent as a pianist at countless Nickel Belt gatherings over the years. Mr. Saville's third son, Len, whose picture appears on the fireplace mantle, was killed overseas.

Seated in the picture is one of Mr. Saville's daughters, gracious Mrs. Gerry Stire of Ridgeway, with whom he lives. The other member of his family is Winnifred (Mrs. Paul Cadeau) who resides in Burlington. Mrs. Saville died some years ago.

At one time Mr. Saville and his three sons all played in the Port Colborne citizens' band. His instrument in those days was the clarinet. When asked to compare it with the accordion this "grand old man of music" had a merry twinkle in his eye as he said, "No comment."

Safety Program Getting Excellent Co-Operation at Port Colborne



An accelerated safety program is drawing excellent co-operation from men and supervision alike in the Nickel Refinery at Port Colborne. Regular monthly supervisory safety meetings, the personal contact system for teaching safe workmanship, monthly foremen's safety meetings, and regular monthly departmental safety meetings at which employees have the opportunity to present their safety suggestions, are important features of the campaign. Inco safety superintendent A. E. O'Brien of Copper Cliff assisted the Port Colborne staff in setting up the program, which also places strong emphasis on good housekeeping throughout the plant as an effective safety measure.

The pictures show: LEFT, foreman Wm. Sinclair of the calcining department instructing two furnacemen, J. Mattiazzo and D. Lepage, in the correct method of opening the safety latch to lower the bale on the telpher bucket. CENTRE, safety supervisor L. A. Hobbs (nearest camera) and assistant safety supervisor George Smith in their office as they prepare the monthly safety report. RIGHT, cathode shear operator H. Leroux using the angled push-board which prevents the operator's fingers from being pinched between the board and the shear table in the event of the leading edge of the board being caught under the shear hold-down.

Big Increase

(Continued from Page 2)

"Because of the political developments in Cuba, the foregoing figures do not include the planned capacities totaling about 100,000,000 pounds of the plant built by the United States Government at Nicaro, Cuba, or the facilities in Cuba built by Freeport Sulphur Company. It is not possible to predict how soon there will be a resumption of nickel supply for the free world from the Cuban sources.

Nickel Prices Unchanged

"The market price for refined nickel in the United States continued unchanged during 1960 at 74 cents per pound, including the 1½ cents U.S. import duty. The corresponding Canadian currency price reflected prevailing exchange rates, exclusive of the 1½ cents import duty. The price of nickel in the United Kingdom, which is £600 per long ton, remained unchanged, as did the price on the Continent.

Marketing and Research Activities

"Intensified research, market development, sales promotion and technical services were continued by International Nickel during the year. These efforts contributed materially to the increased nickel consumption in 1960. They were directed to meeting the strong competition from other materials and increasing the sales of nickel in anticipation of the greater supplies which will be forthcoming next year.

"Typical of these efforts was a series of illustrated lectures and comprehensive exhibitions on stainless steel held in important architectural centers of six major Western European countries. The programs were conducted by a prominent American architect before large audiences of architects.

"An international exhibition of

photographs of design in stainless steel was conducted by the National Industrial Design Council in Canada in co-operation with International Nickel, Atlas Steels Limited, and Union Carbide Canada Limited. The exhibition, which brought entries from all over the world and was first shown at the National Gallery of Canada, publicized excellence of design in stainless steel and gave recognition to the service offered by industrial designers, architects and artists.

"The 'Gleam of Stainless Steel' consumer product promotion was again conducted in 1960 by International Nickel in co-operation with leading department stores in key cities in the United States and Canada, and manufacturers of housewares and producers of stainless steel. A similar program was also undertaken in the United Kingdom.

"Another major marketing activity has been an Inco analysis of present and future markets for stainless steel in the United States by consuming industries and the geographical location of those industries.

"Promotional activities are also being pursued vigorously in other nickel-consuming fields. A program to strengthen public preference for quality nickel-chromium plating in all applications is being followed, since the most satisfactory chromium plating requires an adequate underlayer of nickel. Many automobile and appliance manufacturers have increased their thickness specifications for nickel plating.

"A new nickel alloy steel developed by International Nickel for use at very low temperatures was recently demonstrated jointly by Inco, Chicago Bridge & Iron Company, and United States Steel Corporation in a technical testing program called 'Operation Cryogenics.' This alloy steel is expected to find widespread use through-

out industry for the storage and transportation of liquefied gases at temperatures as low as minus 320 degrees Fahrenheit.

"Other market development and research activities carried out on a world-wide basis during 1960 by International Nickel included work in such important nickel-consuming fields as alloys for high-temperature applications, nickel alloy steels, foundry products, copper-nickel alloys, aluminum alloys, electronics and the chemical field."

Outlook

Mr. Wingate said, "In spite of the slowness in industrial pickup in the United States, free world consumption of nickel will again be at a very high level in 1961. Spurred on by intensified market and research activities, and supported by increasing supplies of the metal, industry throughout the world will be receptive to using nickel in an expanding variety of applications. The economies and technological advantages which nickel can provide should result in the free world nickel consumption reaching new peaks in the years ahead."

Tony Merrifield

A locomotive engineer with the transportation department at Copper Cliff for over 25 years, Tony Merrifield has retired on early service pension. "I spend a lot of time now at the Legion or the curling rink," said Tony, "and I really enjoy it. Always meet somebody there." Summers the Merrifields spend in Temiskaming where Mrs. Merrifield lived as a girl.

Born 63 years ago in the town of Pembroke, Tony first came to Sudbury in 1919 and worked as clerk on a railway extra gang. He later worked on construction at Espanola and in northern Quebec, then at Porcupine, McIntyre Schumacher, and Toronto.

He played hockey in Quebec City. "It was an outlaw league," he recalled, "but we played pretty good hockey."

In 1930 he came to Copper Cliff, and worked first in the concentrator, then moved to the locos in 1935. "I've been on most of the runs at one time or another," he said.



Mr. and Mrs. Merrifield

He was married to Albertine Levis in 1928. Their family is widely scattered: Albert is in Jamaica, Ray at Yellowknife and Emma, who was junior skating pro at Levack a couple of years back, is a teacher at the RCAF base near Metz, France. Other members of the family are Wyman of the electrical department and Paul of the mechanical department at Copper Cliff.

An ardent sports fan, Tony had plenty to holler about at Grey Cup time. A close follower of the Sudbury Wolves, he doesn't agree with some of Murph Chamberlain's moves. "Letting Ubrico go was one of his worst decisions — he's their most colorful player."

With good health, plenty to do, a fine family and a host of friends, Tony Merrifield is a happy pensioner.