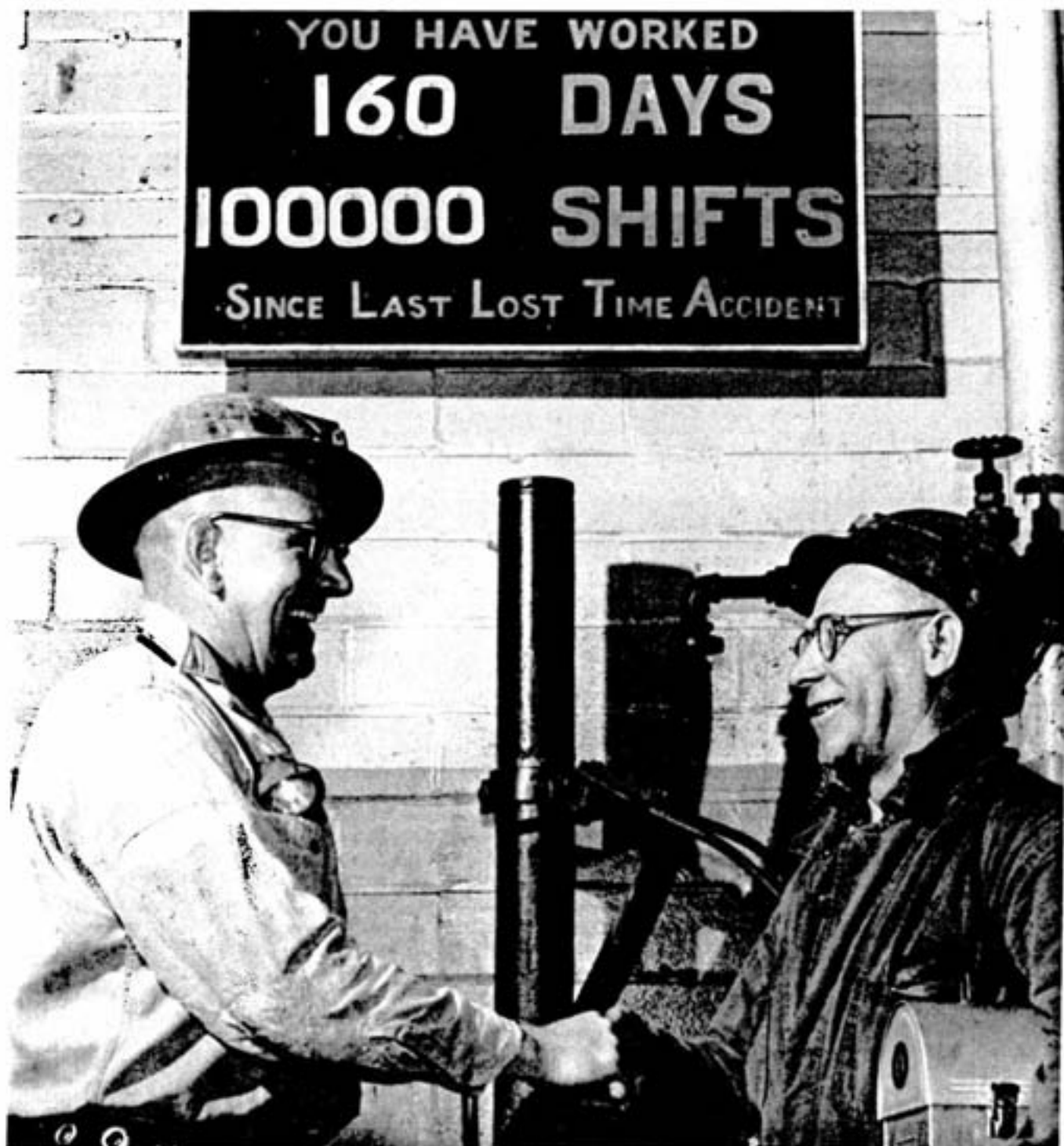


INCO TRIANGLE

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Over the Top!

(Story on Page 6)



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Inco Scientists Get Distinguished Award

NEW YORK — The Metallurgical Society of the American Institute of Mining, Metallurgical and Petroleum Engineers has announced that three authors, all with International Nickel, have been selected to receive the Extractive Metallurgical Division Best Paper Award. Their paper was on "Treatment of Nickel-Copper Matte."

The article was prepared by Louis S. Renzoni, of Toronto, manager of Inco's Process Research (Canada); O. Alan Harcourt, of Copper Cliff, assistant to the vice-president of the Company; and the late William K. (Kel) Sproule, of New York. Sproule, who was consulting metallurgist with Inco's development and research department.

Formal presentation to Mr. Renzoni and Mr. Harcourt will take place next February at Dallas, Texas, during the 92nd annual meeting of AIME.

Mr. Renzoni, who was a co-recipient of this award in 1960, was born at Copper Cliff and schooled at Espanola, before receiving his master of science degree at Queen's University, Kingston. He is the author of several published works and the inventor cited in patents for a number of processes in the extractive metallurgy and refinement of nickel.

Dr. Harcourt, who was born at Regina, received his BA at the University of Alberta, and his master of science at Queen's. His doctor of philosophy degree was conferred by Harvard. He is the author of authoritative technical publications.

Mr. Sproule was born at Montreal and received a bachelor of science degree in metallurgy and his master of science degree at McGill University. He was the author of "Some Fundamentals of Flotation," published by the Canadian Mining Journal, and was a co-inventor cited in several Inco patents. He was with Inco for many years at Copper Cliff before coming to the New York office. He died last year.

THE EXPECTANT FATHER

The phone rang in the maternity ward and an excited voice exclaimed, "This is Joe Johnston. I'm bringing my wife in to have a baby!"

"Now slow down, sir," the nurse replied calmly, "and give me a little information. Is she having any pains?"

"Yes, this is Joe Johnston. My wife . . ."

"Is this her first baby?"

"No, this is her husband!"

Gold Cords Won by Creighton Guides



Happily displaying their gold cords are three Creighton girls who recently received this highest of Girl Guide proficiency awards. They're Mary Ella Magill, Norah Davidson, and Sheila Embilm, all 17, and they're proud to have brought honor to 1st Creighton Mine Company, of which they have been members for five years. Mrs. Beth Corbese, who was the company captain when they went through for their cords, has been succeeded by Mrs. Maria Embilm. There are 34 Guides in the company.

Golden Wedding



Fifty years ago, on November 8, 1912, Mr. and Mrs. George Seep were married in Hungary. In 1926 they came to Canada where Mr. Seep worked at Inco until his retirement on service pension in 1963. Mr. and Mrs. Seep received many congratulations on their golden wedding anniversary from their friends and family. They have three daughters and one son, Margaret (Mrs. Mike Iszak), Malveen (Mrs. Frank Fodor) and Irene (Mrs. Russell Gunn), all of Port Colborne, and Bill, an Incoite at Thompson. Ten grandchildren

and two great grandchildren complete their family.

Fred Lee

Fred Lee, who was born in Sherston near Port Colborne, in 1897, went to work in the garage business in 1914 when there were not so many cars on the road as there are today and the rule of trial and error was the general method of curing the internal tribulations of the automobile. Then he went into structural steel building, where his ability to work at heights was a real asset.

In 1935 Fred joined the Nickel



Mr. and Mrs. Lee

Refinery mechanical department and since that time has been a first class ironworker.

He married Marie Root in 1922 and they have a daughter and three sons: Rosemary (Mrs. Francis Durliat) who lives at Netherby; LeRoy, a parish priest in Toronto; Bernard, an Incoite for 15 years, a draftsman in the engineering department; and Gerald who is on the technical production staff of the CBC in Toronto.

At a gathering in the machine shop, Fred was honored by his fellow-workers and employers in recognition of his 27 years' faithful service. J. H. Walter presented him with a wallet of money and wished a happy and long retirement to him and his wife, to whom was sent a bouquet of roses.



Visitors from Hereford at Copper Refinery

Henry Wiggin & Co., Inco affiliate in the British Isles, sent three representatives from its Hereford Works to observe metal inventory procedures at the Copper Refinery, which has this exacting annual chore down to a science. In this photograph the refinery assistant manager, G. A. Dick (centre) explains details to F. M. Stearn, E. A. Barton, Hurley Mennear of the accounting department at New York, and A. G. Emery. Mr. Stearn said he and his colleagues were most impressed by the Copper Refinery system and had gained some "extremely useful" information.



Teachers on Tour

Taillefer. "Most of us did not fully realize the actual extent and size of your plant, and our tour was in many ways a revelation to us. Would you extend our thanks to the guides who so ably conducted us through the maze of machinery and so considerably answered all our questions." Mrs. Taillefer was one of a group of secondary school teachers who visited the Company's reduction works at Copper Cliff during their district convention held at Sudbury. They are shown above at the start of their plant tour:

"We enjoyed seeing and learning what goes on behind the three tall chimneys with which we are so familiar," wrote Mrs. Anne

Front row: R. Gagnon, LaSalle Secondary School; F. Osborne, Lockerby Collegiate; E. Hertle, Sheridan Technical School; W. Burnes, Nickel District Collegiate; A. Murdoff, Lockerby Collegiate; R. Perron, Nickel District Collegiate; J. Landry, Chelmsford High School; P. Demers, Sheridan Technical. Back row: Mrs. Gilbert, Capreol High School; Sister Marie Hedwidge, Notre Dame College; Sister Mary George, Marymount College; Miss D. Dickie, Sheridan Technical School; Sister Agathe Ange, Notre Dame College; Miss D. Shulha, Nickel District Collegiate; Mrs. M. McDorman, Mrs. A. Taillefer, Miss E. St. John, Sheridan Technical School; Mrs. P. Belanger, LaSalle Secondary School; Mrs. M. Riddle, Mrs. M. Flaherty, Sheridan Technical School; O. Trahan, Nickel District Collegiate; Mrs. E. McGuire, Lockerby Collegiate.

\$320,000 Inco Gift to Manitoba University

A grant of \$320,000 has been made to the University of Manitoba's capital fund drive by The International Nickel Company of Canada, Limited, it was announced by Henry S. Wingate, chairman of the board of directors. The grant was voted by the Company's directors in March, 1962, on the occasion of the first anniversary of the dedication of the Company's new nickel operations at Thompson,

Manitoba. Payment will be made over the three-year period beginning with the 1962-1963 academic year.

The University of Manitoba's capital fund drive embraces a five-year \$11,050,000 building program which was launched by president Hugh Saunderson last November 15, when he announced that a minimum of \$3,200,000 of this amount would be sought in a public appeal. On the same day the Hon. Duff Roblin, premier of Manitoba, pledged a two-dollar grant from the province for every dollar raised in the public drive.

In Mr. Wingate's letter to president Saunderson confirming the award he said: "The University has our very best wishes for tremendous success in its objective of providing education of the highest quality to the young people of Manitoba. Our gift is intended directly to assist in this effort and also to stimulate others in giving generous support to what the University stands for."

The grant is a part of the Company's broad program of support for advanced education for Canadian young men and women initiated in 1956.

THE LAST LAUGH

"Yes sir," said the old gentleman, "I'll be 90 years old tomorrow, and I haven't an enemy in the world."

"That's a wonderful statement to be able to make," replied the visitor.

"Yep," his host continued, "I've outlived 'em all."

'WAY BACK WHEN

The really old-timers are getting scarcer. To qualify for this group you have to be able to remember when a job was the first thing you went steady with.



Best in the North

Monarchs of the North are Levack High School's powerful young football team, who won the Northern Ontario secondary school junior championship. These boys pulverized the opposition in Nickel District league play, then went on to take North Bay and Timmins in the playoffs. Their season's record tells the story — 240 points for, 30 against. Here they are (seven of them named Brian, by the way): first row, Bob Kemp, Bernie Deveau, Bill Toderan, Allan Mornan, Brian Beaudry, Ray

MacNeill, Brian Bell, Doug Crawford, Brian Robb, David Hews, Ed Morrison, Kent Byrnes, Tom Smith; second row, Dick Gibb (coach), Allan White, Guy Bertrand, Blaine Miller, Brian Pearson, Brian Montgomery, Ron Roy, Joe Ribic, Tom Luoma, Steve Doyle, Roddy Rodd, Brian Abrams, Mark Laberge, Bill Bulmer, Harry Tuer (coach); back row, Don Ryter, Lawrence Winn, Dennie Wilson, Brian Koski, Bob MacDonald, Lionel Lehto, Greg Piccolo, Bob Nerpin, Garry Laframboise, Wayne Dane.

Awards Presented in Inco Gardening Competition at Thompson



Top award of \$25.00 for flower gardens in the Inco annual gardening competition at Thompson was won by Mrs. W. E. Chaddock, to the surprise of nobody. The colorful profusion of bloom surrounding her home on Juniper Drive, where the above picture shows her cutting a bouquet of glads, was much admired by the townspeople throughout the summer. Mrs. A. R. Thornborough won second prize for gardens and

A. J. Lafontaine third. Honorable mention went to H. P. Boucher, N. S. McCrea, H. O. Sinclair, S. Prusak, N. Kalika and A. Crouter. Prizes in the vegetable section were won as follows: 1. Dr. J. B. Johnston; 2. C. F. Clarke; 3. W. E. Chaddock; honorable mention, A. Simon, H. P. Boucher, S. Hudey, A. J. Lafontaine, Mrs. F. I. Becker, L. Lamontagne.



Award winners and some of the other Thompson horticulturists attending the presentation of prizes are shown in this photograph: Mrs. D. E. Munn, second from right in front row, was chairman of the judging

committee; other members were Mrs. J. McAree, Mrs. W. Hoe, G. Price, M. DeJonckhere, and A. Price. They warmly congratulated the prize-winners on their efforts and enthusiasm in beautifying Thompson.



Inco assistant general manager H. W. Peterson presents first place awards to B. D. Wood (lawns), Mrs. W. E. Chaddock (flower gardens) and Mrs. J. B. Johnston (vegetable gardens). Other prize-winners in

the lawns section were: 2. R. L. Puro; 3. R. J. Deslauriers; honorable mention, G. R. Samuels, H. O. Sinclair, I. P. Klassen, C. N. Goddard, A. Herman, A. McMeekin.

From the Valley Mammoth Spuds

World famous for the quality of its potato crop, the Sudbury district's fertile Blezard Valley this year produced some of the largest spuds ever grown locally in any quantity. Young Aurele Beaulieu, a pipeman at Levack who each year works a few acres of his father's Blezard Valley farm, is pictured here with a few of the giant Kennebecs he grew in a two-acre plot of new ground.

That midget Aurele is holding in his left hand is a good 3 to 4 inch average size potato. The 15-inch ruler on the table gives some idea of the size of the giant tubers, the longest in this group measuring 9 inches and weighing over 4 pounds.

"I've often had a few big ones before," said Aurele, "but almost all from this new ground were extra large. Actually they are too big — won't fit any chip cutting machine and too large to be classed



grade A. "They are very good potatoes just the same," he added, "firm, clean and good eating."

Aurele is the third generation in one of the Valley's best potato-growing families. His father, one of the larger producers, planted over 800 bags of potato seed this past year. Aurele says his grandfather, when he started out, used to plant just the eyes and eat the rest of the potato. "My father said they were real poor then," he grinned.

His family have the only potato combine in the area, a machine that digs, sorts, cleans and bags that lovely apple of the soil automatically.

Aurele's only explanation for the extraordinary size of his spuds is that conditions in this new ground and all the other variables must have been favorable. "It is a sandy loam there," he said, "and when we plant we use one bag of fertilizer to each bag of seed. The tops were so high — over 4 feet — and thick that you couldn't make out where the rows were and they are 3 feet apart."

According to the Beaulieus this has been one of the best potato years locally for the past five years, the yield running as high as 15 bags to one and in some cases even more. Only complaint this year was that the overall run of potato was a little too large which is something they can put up with.

QUALITY GLASS

Platinum lined furnaces, operating at 2,700 degrees Fahrenheit, are used to manufacture high quality lens glass for eye-glasses, fine cameras and microscopes. The platinum keeps the glass free from contamination and insures uniform high quality.

FIRST THINGS FIRST

TV announcer: "We have just received a news bulletin on a catastrophe, the like of which has never occurred before to mankind! But first, a word from our sponsor."

SHE DID!

"Ha, ha, that's a yolk on me," said the Swedish lady as she dropped an egg on the front of her dress.

Steve Oraby

Steve Oraby, with Inco since 1930 and now retired from Levack on early service pension, started at Frood on 2400 level and moved to Levack when that mine reopened in 1937. "I worked most of the time with tunnelling crews," Steve said.

Born on a farm in "White Russia", near the Polish border, he has retained his love of farming and few things gave him more pleasure than working the soil. He has spent most of his "leisure" hours at it.

Many years ago he bought a farm near Levack, worked it in his spare time for several years and built a home on it before selling. "I made a little out of it," he said, "but the guy that bought it found a good gravel pit and sold it for plenty."

The last few years Steve and his wife, the former Helen Beam whom he married in 1926, and who arrived in Sudbury with baby daughter Sophie (now married to Stobie's Bill Moffatt) on Christmas Eve 1930, rented a farm on the Vermillion River where they produced quantities of strawberries, raspberries and vegetables which they sold locally. "I had a boat



Steve and Mrs. Oraby

there too," Steve said, "and when I got tired of farming I went fishing."

A few years ago Steve bought a big lot in the Rheume Flats area of Larchwood, built a home and proceeded to transform what is basically a gravel patch into a highly productive garden. Of particular pride to Steve are his two apple trees which, a little over a year ago were growing wild on an abandoned farm but this year bore fruit. "People laughed when I transplanted them," Steve said, "and told me they'd be no good, but this fall I got 50 apples from one and nearly 20 from the other."

The Orabys lived at Levack for more than 20 years but are now comfortably settled in their latest home. Cutting winter wood and mulching his strawberry beds were among Steve's latest outside jobs and now he is ready for winter.

A trip back to the land of his birth is scheduled for next year. "I have a brother and sister there I haven't seen for over 34 years," he said. "We send them parcels all the time as that is not a very prosperous place."

In good health except for his arthritis, Steve Oraby is a very happy and contented addition to the ever-growing family of Inco pensioners.

Too many people think that advice is the one thing it is more blessed to give than to receive.



These were the head table guests at the metallurgical department dinner in the Copper Cliff Italian Hall honoring Charlie O'Connor on his retirement after 33 years with Inco. Seated are W. O. Job, G. A. Harcourt, the guest of honor, and W. H. Armstrong; standing, Ian Laing, Art Kennie, G. A. Frame, Tom Gibbs, Archie Dimmock, Hughie O'Connor, Walter Curlock.

Charlie O'Connor An Expert Assayer

They said goodbye at Copper Cliff the other day to Charlie O'Connor, who after 33 years with the metallurgical department was retiring on a disability pension at the age of 60.

His colleagues and other friends gave a dinner in his honor and presented him with a beautiful hunting rifle, a gift that really put the sparkle in his eye.

"A very alert and painstaking assayer," Dr. G. A. Marcourt said in referring to Charlie O'Connor's record. "He had tremendous experience in handling ore samples of a complex nature, and was always keen to notice any irregularity in results indicating an abnormality in a sample."

Mrs. O'Connor

Born and raised in Marmora, the son of a carpenter, Charlie attended school there and then at the age of 17 got his first job as a beaker boy with Deloro Smelting and Refining Company.

He started with Inco in October, 1929 in the old control lab beside the substation now occupied by the geological department's field offices. When he offered to show his recommendations chief chemist H. A. Waern said, "Never mind the papers, I'll find out." Find out he did, that Charlie O'Connor was one of the best men ever to run an assay for him.

First assigned to control work he later graduated to precious metals assays, and for many years was in charge of the p.m. section of the control lab.

He was married at Marmora in 1933 to Jean O'Neill, a school teacher. Their son Jack is a chemist like his father, working at Balmertown in the Red Lake district, while their daughter Jane of Sudbury and other son Tony of Niagara Falls have become teachers like their mother.



Among those present at the O'Connor farewell are seen, above, from the left, Chris Briggs, Jack Fitzgerald, Snell Blake, Jack Donoghue, Alf Blair, and Al Hughes; right, Lawrence Brooks, Kay Benn, Ralph Crichton and Romeo Rose, who won the door prize.

Mr. and Mrs. O'Connor have returned to Marmora for their retirement, and now live within sight of Charlie's old home. There he'll enjoy to the hilt the good hunting

and fishing in which the district abounds, and perhaps his old Copper Cliff outdoors pal Pete Leslie will come up from New York now and then to share it with him.

Gordon Little

Gordon Little comes by his nickname "Scotty". Naturally he was born in Motherwell, Scotland.



In 1933 Scotty started with Inco at Port Colborne and for seven years was a reliable operator on the electrolytic pachuca floor.

In 1941 he was moved to the mechanical department as plant fitter and for 20 years has been associated with the maintenance of mechanical equipment, babbitt-

ing bearings, setting up jobs to be welded, and doing general shop work.

In 1924 he married Margaret Rome who died in 1957. Their three sons are Walter, an electrician on the Dew Line, Harry, who has followed his dad's trade of motor mechanic, and Tom, serving with the American Air Force.

At a gathering in the machine shop Scotty was presented with a purse from his workmates and friends. Charles Orr, assistant to the manager (personnel) made the presentations and spoke of Scotty's faithful service.

Scotty is an active member of the St. John's Ambulance Corps and is in the bass section of his church choir.

SEEING THE BRIGHT SIDE

"I know I'm not really much to look at," her fiancé admitted modestly.

"Oh, well," she philosophized, "You'll be at work most of the time."



Men with safety on their minds are these Garson miners as they start toward their working places underground. The deckman ringing down the cageload is Orland Conquergood. His bell signal to the hoistman sounds a note of safety for the shift. The cagetender, front left in the cage, is Albert Farenzena. In the picture on the right, taken in the foremen's office at the collar, some of the mine supervision are seen as they receive from general foreman Ed Mills their regular morning briefing on the day's work, with strong emphasis on the safety of the men. From the left are Andy Dines, Sam Pataran, Lloyd Thompson and Lee Pletzer; in the right foreground, assistant mine superintendent Dave Lennie. Hanging on the wall is the list of job safety demonstrations scheduled to be held in various working places in the mine, which will be attended by members of the supervision.



The safety of the men is a measuring stick for all planning of the mine's development as well as for its day-to-day production. Here George Sullivan, mine engineer, goes over the details of an underground layout with mine superintendent B. T. King; on the left is layout engineer Gus McLennan, on the right is safety engineer Ted Flanagan.



"Job demonstrations, and personal contacts of the employees, are the real heart of Inco's safety program," says safety superintendent M. E. Young. Picture shows a typical job demonstration in which Garson rigger foreman Joe Seperich is showing how to make a portable rigger scaffold hitch. On the left is master mechanic Ray Beach, and the riggers are Dave St. Germaine, Gerald Hinds, Tom Rollins, and Eddie Renaud.



Garson Joins the Select Group with 100,000 in 1962

Five months of steady teamwork paid off for Garson mine when it proudly joined the select company of Inco plants that during 1962 have completed 100,000 shifts without a lost-time accident.

Garson's award-winning string of safe shifts started on May 30. When the last cageload of men came to surface at the end of day shift at 4:15 on Saturday afternoon, November 3, assistant superintendent Dave Lennie was waiting on the deck with the good news that the mine had topped the 100,000 mark.

Our cover picture shows him congratulating the last man up, Emil Laliberty, cage-skip tender in no. 3 shaft, which is collared on 4000 level. Their happy grins reflected the solid satisfaction felt throughout the 900-man Garson force at making the big score.

Frood-Stobie has been the leader this year in safe-shift performances, winning the 100,000 award on February 1 with a string that started December 13, 1961, and then nailing it twice in succession during the period from April 11 to August 6 with an unbroken run of over 200,000 accident-free shifts.

Copper Cliff won it twice, August 16 to September 19 and October 4 to November 8. Creighton rolled up 100,000 from February 9 to April 24, and Leveck turned the trick on June 14 after going accident-free since March 25. Copper Refinery completes the distinguished roster for 1962, on March 16 it went over the top for its second successive 100,000 in an impressive performance that started away back on April 5, 1961.

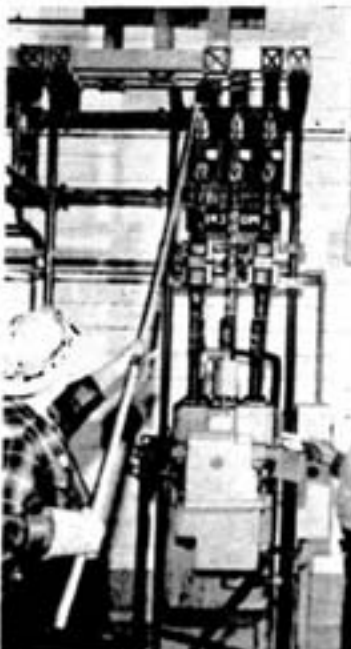
Garson has been plugging persistently at the 100,000 goal. Four times in the past three years it has operated for more than 100 days without a lost-time accident, and twice during this period qualified for the award. During 1962 it rang up a total of 144,031 safe shifts in a run of 216 days. Prior to 1957 it had scored 100,000 only once since the inception of the award in 1944.

Strong support for Garson's safety program has come from the mine's surface personnel, who have worked continuously since March, 1958, without a lost-time accident, a total of 190,000 safe shifts.

"These achievements in accident prevention are an indication of the



"Report any injury, no matter how slight, to your First Aid man," is an old safety maxim. Prompt treatment prevents minor injuries from becoming major. Garson first aid man Ollie Matson is shown inspecting an eye injury to Hector Gour.



Here's a job demonstration in the electrical department, with Wes Ranta showing the proper method of pulling a disconnect switch on a high voltage line, using an insulated wooden pole. Matti Jouppli holds the safety tag which will warn anyone against closing the switch while maintenance work is being done on the circuit.



Safety on the Job and in the Job:

The proper position of a switchman while coupling cars of an underground ore train is demonstrated here by Dave Latendre, who stands clear and is using the link pin, not his hand, to level the link with the car coupling. Conducting the demonstration is shift boss "Nick" Nicholls, who was safety engineer during

the large part of of Garson's 100,000 safe shifts performance.

RIGHT: An example of how mining methods are designed to protect the safety of the men is shown here. Shift boss Andy Dines is marking up the arch in a cut-and-fill stope below 2400 level. By drilling their back holes flat to this line, Bert Carson and Lloyd Tibbo will continue the arched back of the stope, providing a strong and safe roof over their heads with less scaling.



The safety spirit was strong among the men as Garson piled up safe shifts toward the 100,000 goal, and a typical greeting in the warm room was "Well, how many more to go?" In this group, waiting for the cage to take them down to work on 2600 and 2800 levels, were Paul Fournier, Vic Kolari, Claude Mayhew, George St. Amand, Jim Ebberts, Lawrence Latendresse, Albert Raymond and Don Dupuis.

increased emphasis being placed on safety and safety promotion at Garson as well as at other Inco plants," said safety engineer Ted Flanagan. "Much has been accomplished in enlisting the co-operation and interest of every man on the property in maintaining safe conditions and safe work procedures. Without this co-operation and interest 100,000 safe

shift awards would be unattainable."

Working on the principle that "an unsafe worker is an accident going somewhere to happen," the Garson safety program is beamed at the individual workman through personal contact, job instruction, safety and work method demonstrations, and frequent safety talks which bring personnel up to date

on the latest developments in accident prevention, Mr. Flanagan said.

Daily checks of work area conditions by supervision, and periodic inspections by the safety engineer are designed to maintain safety standards at a high level. Competitive awards and regular safety meetings keep supervision informed and on their toes."

Celino Biselli

A mason at the Copper Refinery the past 25 years, Celino Biselli has retired on an early service pension. "I feel great," he said, "but I sure miss the gang at work. They were real good guys."

Now 62 years of age, Celino has worked at bricklaying more than 30 years. "I started in Italy when I was 11 years old," said this happy pensioner, "and it is work I have really enjoyed doing."

Coming to Canada in 1928 he laid brick for a year and a half at the Steel plant in the Soo be-

fore joining Fraser-Brace on con-



Mr. and Mrs. Biselli

struction of Inco's great Copper Cliff works. He started at the smelter in 1930 and moved over to the refinery casting department that same year.

For reasons he now can't recall Celino quit in 1933 and did not return until 1937 when he joined the masons at the Copper Refinery and worked with them until retirement.

Esterina Gnassi became his wife in 1924 and they have two daughters, Tina (Mrs. T. Sudac) and Juliana (Mrs. E. Donati), both of Sudbury. Their four grandchildren are a constant joy to them.

He became a Quarter Century

Club member this year. He now spends a good deal of his time walking and visiting old friends and other pensioners. A trip back to Italy in 1956 is to be repeated next year if all goes well.

Steve Svarekopf

Steve Svarekopf is now on the retired list after 26 years' service in the Nickel Refinery at Port Colborne. He came to Canada in 1924 from his home in Hungary and settled in Welland, where he was employed by the Law Construction Co. for 12 years before starting with Inco.

He worked on the ball mill in no. 1 building for 14 years, then was transferred to the units in the electrolytic department. He always got along well with his workmates and saw that his jobs were properly taken care of.

He married Rose Gang in 1921. Their daughter Mary is Mrs. John Boggio of Port Colborne; they have three sons, Steve and Zoli of



Mr. and Mrs. Svarekopf

Port Colborne and John in Brantford. Eleven grandchildren keep Grandma's home jumping when they come to visit.

At a gathering on the box floor, Steve was presented with a wallet and a transistor radio as an expression of respect and esteem from his fellow workers. Superintendent Bert Linden of the electrolytic department made the presentation on behalf of the men and spoke of Steve's sterling qualities as an employee.



The convenience and safety of using the new explosive are clearly illustrated by this picture of a Creighton blasting crew, Cleo Gosselin and Walter Furlotte, placing a charge of An/Fo to blast down a high hang-up in a boxhole. Attached to the end of a coupled aluminum pipe a burlap bag is maneuvered into position on the hang-up and then filled with explosive blown through the pipe by compressed air. The bag contains a primer of conventional explosive and lead-in which is fired by electric blasting cap from a safe place. The An/Fo is drawn from its container into the pipe through a flexible suction tube. With this loading device a charge can be placed as high as 40 feet from a safe position at the mouth of the boxhole, a safety advantage of great importance.



Inco A Develo

The big new ground blasting combination of explosives, commercial fuel oil.

Great gains in production in mining made with this explosive its humble as "a revolution."

An/Fo is dyed. It is made by mixing oil with small red prills, of ordinary ingredients, and fuel oil. It is mines in 50-ecu commercial mix Garson.

It melts in its burn. It is inert that could occur

Here An/Fo is being a ring blast at 5 John Ross are 41 plugs are inserted holes clean until is a barricade across open slope.



Here An/Fo is being too big to pass this trench. With it can be poured a chunk to level the

"A Revolutionary Development In Underground Mining"



Working in a sill drift in the cave-mining area at Creighton, "Yogi" Wyrot is loading undercut longholes with An/Fo while his partner Mike Gagnon keeps the plastic loading hose unkinked and operates the buzzer button signalling the third man of their crew back at the An/Fo supply hopper, Mike Wasyliw. He is seen in the second picture with his pneumatic pressure loader, set up in a convenient spot perhaps 200 feet distant from the actual scene of loading. Keeping in touch by buzzer with the men in the sill drift he blows An/Fo by compressed air through the loading hose as it is required. The hopper holds 125 pounds of explosive. With this

... .. of from 20 to 25 feet per minute, depending on conditions

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ag poured into downholes for
ble mine. Omer Vallee and
loading crew. The wooden
to keep the rings of loaded drill
is time to blast, and the fence
the drift, which leads into the

Yet it will break rock effectively
with greater safety at a lower cost
than regular high explosives.

Inco has converted to An Fo for
all underground blasting with the
exception of shaft sinking and a
few other special applications. It
is also used in the open pit opera-
tions at Clarabelle and Lawson
Quarry.

For a new material to win this
sweeping endorsement from one of
the world's great mining companies
in less than two years is an ex-
citing story. But the real story
behind An Fo lies in the fact that
Inco first had to prove it could be
used underground in the face of
very emphatic expert scientific
opinion to the contrary.

An Fo had been used extensively
for years in open pit bench blast-
ing where the drill holes are large

and the area uncon-
fined. When the sugges-
tion was broached in
Sweden that it
would work in the
small diameter holes
of underground
blasting several min-
ing authorities of in-
ternational promi-
nence were strongly
critical, claiming
there were many in-
herent disadvantages
to An Fo which
would make this im-
possible.

Inco's interest was
triggered by the dis-
cussion, and its mines
research team com-
menced a thorough
investigation. Gradu-
ally it was establish-
ed that An Fo was
effective not only in
small diameter holes
but also as an uncon-
fined charge in
secondary blasting,
a far-reaching de-
velopment that had
never even been sug-
gested.

Methods of placing
the new explosive
were devised along
(Cont'd. on Page 16)



For secondary blasting in slusher
trenches when it can't be poured on
loose, An Fo is made into "bombs". On
the left Don Reid operates a dispensing
hopper for metering out the charge on
a square of burlap. A primer is then
prepared (above), using a desensitized
type of regular explosive. Through a
hole punched in the cartridge is thread-
ed a B-line lead-in which will be con-
nected to an electric blasting cap.



The corners of the burlap are then tied (above)
to form a bomb with an interlocking knot which
fits over the end of a pole used in placing the
charge. In the picture on the right Cleo Gosselin
is seen pulling up the An Fo bomb into a low
hang-up in a boxhole. The B-line lead-in can be
seen to the right of the pole. In this manner the
charge can be safely placed without the necessity
of entering the boxhole.



used for sandblasting a chunk
ugh the mill hole in a slusher
ay retainer, if needed, An Fo
loose when the face of the
gh.

This picture shows a slope
crew, John Wendowski and
Ike Webber, loading the breast
in a cut-and-fill slope on 3200
level at Leveack mine, using
portable An Fo loaders. After
the breast is drilled off the air
hoses are disconnected at the
lubricators of the drills and
attached to the loaders. The
hoppers are charged with
An Fo and the drill holes are
then loaded at the rate of 9
to 10 feet per minute with the
explosives blown through the
plastic hose. After a 2-foot
cushion is loaded a primer of
regular explosive with fuse
tape and blasting cap is in-
serted in the hole, then load-
ing is complete. As with
regular explosives, spacers are
used in perimeter holes to
cushion the shock on the back
and pillar walls.





At Port Colborne's 25-Year Celebration



Mrs. Syd Turvey was delighted with her flowers and the message accompanying them, as were Mrs. Wm. McIntosh (centre), Mrs. Alex. Eged-Hollo.



Mrs. Carl Sherk
Mrs. Jim Elsie
(centre)
Mrs. Jim Potyok
(right)



Inco Wives Appreciated

Inco "said it with flowers" to the wives of the new members of the Port Colborne Quarter Century Club. On the day of the big banquet, Nickel Refinery manager J. Howard Tuck sent a dozen roses to the wife of each new member, along with a letter expressing the Company's appreciation and gratitude for their valuable part in the fine record of service established by their husbands. He expressed regret that limitations of space made it impossible to invite the ladies to the banquet. Pictures show half a dozen of the pleased recipients and their bouquets.



CHANTEUSE: Shirley Harmer, whose talent and personality won her Hollywood recognition and finally a television show of her own, was a popular headliner on the Quarter Century Club banquet program.



IT RUNS IN THE FAMILY: When new member Ron Smiley had been welcomed into the club by vice-president Parlee and general manager Gaetz, the first to congratulate him was his wife Alice, who has been a member for eight years. She is a secretary, he a powerhouse engineer. They have the distinction of being the only Quarter Century Club husband-and-wife team among Inco employees.

THREE OF A KIND: Jack (28 years) and Bob (27 years) Rivers are shown here with their brother Victor, centre, new 25-year Inco man. Another brother, Fred, will qualify for QC Club membership in four years. Their father, the late Bob Rivers, had over 22 years' service when he retired on pension.



MELODY MAN: One of the most enjoyable features of the Port Colborne 25-year club meetings is the wonderful musical background of old favorites played by that master of the keyboard, Reg Steeves. This year Bob Duke stepped to the microphone and led a singsong to Reg's melodies that soon had everybody joining in.

INCO FAMILY ALBUM



PORT COLBORNE: Ross Lever has 22 years' service with Inco in the Nickel Refinery and is a member of the Humberstone Township fire department. Here he is with his wife and their happy family, Richard 13, Cathy 7, Janet 20, James 10, Linda 8.



COPPER CLIFF: A crane man in the nickel converter department at Copper Cliff, Bill Ostrawalker has recently moved his fine large family to a farm in the Bizard Valley. Beside his wife Marie are 16-year-old Irene, Jack 15, Shirley 13, Linda 10, Jim 9, Sherry 8, Ann Marie 6, Wade 3, Rosalind 2 and Heather 1.



THOMPSON: On hand to represent the Manitoba division in this month's Album are executive assistant Don Schell, his charming wife Carol, and their children, Janet 2, Andy 8, and George 5.



COPPER REFINERY: Mr. and Mrs. Roger Champagne, who live on LaSalle Boulevard, Sudbury, and are planning to build a new home, are shown here with their daughters Madeline 6 and Giselle 5. Roger works in the tankhouse, is an 11-year Inco man.



FROOD-STOBIE MINE: Young Peter 5, had his tonsils out just the day before but he managed a pretty good smile for this photograph with his parents, Mr. and Mrs. Harold Healy, sisters Margaret 12, and Carol 14, and brother Harold 15. His dad is a slusherman on 1400 level at Stobie and has been with Inco since 1941.



LEVACK: This is our Levack family for November. Roger Picard, his wife Florianne and daughters Diane 7 and Carol 6. A police constable at Levack the past nine years. Roger considers that town tops for living. Raising tropical fish is his present hobby and young Carol shows some interest in this too.



COPPER CLIFF: Hugh Judges and his wife Marilyn are very proud of young Stephen, their 15-month-old son, who is seen here in his usual happy mood. Hugh works in the industrial relations department at Copper Cliff and was formerly at Levack. **CREIGHTON:** Mine safety engineer at Creighton, and one of the town's top bowlers and badminton players, Harry Narasnek for all that is really quite a modest chap. He is pictured here with his wife Betty and son Bill 16, who is a pretty fair bowler himself.



Frank Porco

Frank Porco is seriously thinking of returning to Italy to live now that he is on pension. "I have



a little farm there," he said. "with olive and pomegranate trees. Besides I really would like a warmer climate." He made a trip back there in 1954, the first in 20 years.

Retired from the mines mechanical department Frank had worked at several plants and earlier was a miner. "I was one of the best hand muckers at Frood," he proudly stated. "One day I mucked 14 Granby cars myself." Frood old-timers will vouch for his prowess with the shovel.

Frank worked at Frood, Creighton and Levack, both underground and on surface. His final year was spent in the Frood plate shop. "A good place to work" was his comment.

Born 63 years ago in Italy he came to Canada after discharge from the army in 1923, worked on the Welland canal, at Niagara Falls, N.Y., made a trip back to Italy in 1934, then came to Sudbury the following year.

Pond of hunting and fishing Frank admits that now his outdoor travels are confined largely to hunting mushrooms. "During the strike in 1958 I did a lot of hunting though," he said. "I shot 232 rabbits."

He was married in 1922. His wife, two married daughters and six grandchildren all live in Italy. good reasons for his wanting to return there to live.

Martin Alton

It was while ice fishing near Skead last winter that Martin Alton felt the first "bump" signalling the heart condition which has now sidelined him with a disability pension. Fortunately he is still able to fish — "I'd rather fish than eat" — and this past summer, among other fine catches, he pulled a 20-pound lake trout from Lake Temagami.

For the past six years one of the smelter's many maintenance



Mr. and Mrs. Alton

mechanics Martin has nothing but high praise for his supervision. Earlier he had worked on the converters. "I was on the furnaces and then on the cranes," he said, "and that was a good place to work too." He came to Inco in

Purchasing - Stores Had High-Class Party

All points on the Inco compass in the Sudbury district were represented at the big social enjoyed by members of the purchasing and stores department and their wives and guests in the new Venetian Room at Cassio's. It was the third annual party, and the best yet everybody agreed.

Wally Johnston's Quintet came up with a very smooth beat for the dancing, and Romano's chefs took excellent care of the dining. Gerry Mahon was in his usual groll form as he read Pierre's latest epistle to Marie. Vocal solos by Copper Cliff warehouse's George Betancourt added a fine finishing touch to the short program.

George Richmond, Bill McDon-



In the sixsome on the left are Mr. and Mrs. Joe Sauve, Mr. and Mrs. Mac Forsythe and Mr. and Mrs. Andy Durnford, all of Copper Cliff. On the right are Mr. and Mrs. Vic Tremblay, Creighton, Mr. and Mrs. Joe Gauthier, Copper Cliff, and Mr. and Mrs. Ted Lawrence, Levack. It was an especially big night for the Gauthiers, who were celebrating their 25th wedding anniversary and also the start of Joe's 25th year with the Company.

aid and Gerry Mahon were the committee in charge of arrangements, and received many compliments on a swell job. The date for next year's party has already been set.

1946 after discharge from the army.

Born and raised in the Garden River area near the Soo, he worked on the railroad section gang, as cook on the Algoma Central and at the Steel plant in the Soo before joining the army in 1941. He saw action in both France and Germany.

Dorothy Reid became his wife in 1934. Their only daughter, Mrs. D. Baker, and one grandson live at the Soo.

Duck hunting is another sport Martin enjoys and the basement workshop of his comfortable Minnow Lake home produces the many decoys he uses. Lake Nipissing's West Arm is his favourite fishing and hunting haunt although he also likes Temagami.

Recently a group of fellow mechanics and friends from the plant called at his house to wish him all the best in retirement and present him with a wallet stacked with that lovely green stuff.



Welcome

A smiling welcome to the big party was given by three well-known stores department personalities and their wives: Dino (Coniston) and Mary Santi, Gerry (Copper Cliff) and Lillian Mahon, Archie (Frood) and Jean Kerr.



In the sixsome on the left are Mr. and Mrs. Joe Sauve, Mr. and Mrs. Mac Forsythe and Mr. and Mrs. Andy Durnford, all of Copper Cliff. On the right are Mr. and Mrs. Vic Tremblay, Creighton, Mr. and Mrs. Joe Gauthier, Copper Cliff, and Mr. and Mrs. Ted Lawrence, Levack. It was an especially big night for the Gauthiers, who were celebrating their 25th wedding anniversary and also the start of Joe's 25th year with the Company.



Three attractive couples enjoying themselves were Ann and Moe Sabourin, Alice and Frank Gibson, and Lillian Salem and Norman Seully.

LITTLE DID HE REALIZE

The husband-and-wife argument had reached its height. "I wish I'd taken mother's advice and never married you!" the wife sobbed bitterly.

The husband asked softly, "Do you mean to say that your mother tried to stop your marrying me?" She nodded.

"Good Lord," the husband whispered. "How I've wronged that woman!"

COULD BE HE IS

"I think I'm losing my memory." "How long has this been going on?" "How long has what been going on?"

Joseph Szendrey

"Creighton has been a nice friendly place to live, and we are sorry to leave," was the appreciation warmly expressed by Mrs. Joe Szendrey to which her husband nodded thoughtful agreement.

The Szendreys, who lived for almost 20 years on Albert Street, have moved to Hamilton but haven't sold the house they built in Waters Township so they'll always have a place to come back to.

At the age of 25 Joe Szendrey tired of farm life in Hungary and turned to Canada, land of opportunity. Arriving in 1926 he first



Mr. and Mrs. Szendrey

farmed in Saskatchewan, then got construction work at Port William. He came to Creighton in 1933 and started as a chute puller on 28 level. He was a dryman at 3 shaft for 17 years, retired on disability pension on account of a heart condition.

Mr. and Mrs. Szendrey have a son John, who is employed at Creighton 7 shaft, and a daughter Elizabeth, the wife of Joe Sampson of Falconbridge, who resides at Val Caron. They have five grandchildren.

Thompson Moose Hunters Bag Trophies



Out Thompson way it's a moose hunter's paradise and the trophy season usually produces some mighty fine specimens. Like the one pictured here for instance. One of six bagged by this happy party and another hunting four-some it will soon adorn Jesse Watkinson's camp. That's Jesse second from the right and next to him is Stan Turner with Jimmy Heis and Bernie Sherwood on the left. All four men work at the Thompson mine.

"Tell the boys at Levack that this is real hunting country", laughed Jesse, who was at Levack before moving to Thompson.



Levack:

Winners of the Inco championship for pumper fire brigades this year were these Levack mine hook-and-ladder husters: Front row — Dick Konopoda, Lorne Parker, Tom St. Amand (lieut.), Ted Tuori, Rosaire Lauzon, Harry Kulmala, Len Leroux, Sinclair McKenzie, Ray Purvis, Rolly Naden (captain), Bob Mornan (deputy chief); back row — Al Cullis, Ed Kauppinen, Hank Bagnell, George Lockhart, Sid Kemp, Neil White, George Passi (chief); not shown — George Secker, Aime Tessier, Cec Shailer, Bill Bushnell, Jack Delorme.

Brigades Do Well In Annual Tests

Inco's annual fire-fighting competitions produced new winners this year.

A smooth-working brigade from Levack mine took the pumper class honors, and the Iron Ore Recovery Plant boys regained their hold on the non-pumper laurels after a one-year lapse.

Last year's pumper class winners, Creighton mine, finished a



Iron Ore Plant:

The non-pumper championship was regained by Ed Pandke's Iron Ore Plant brigade in a hot contest with 12 other teams. Front row, Vic Martin, Ed Pandke, Murdock Gillis, Paul Paulins, Percy Jarvis; back row, Art Lapansee, Ovilla Vincent, Russ Gardner, Angelo Pierbon, Alf Salatkus.

close second this year, just 16 seconds back of the 1 minute and 13 seconds posted by the winners. Levack town brigade was third. There were 11 entries.

In the non-pumper class Garson mine, which last year topped all others, slipped down to fifth place but even at that was only 12 seconds behind the winning time of 1 minute, 52 seconds posted by Ed Pandke's Iron Ore Plant boys. John Clara's Copper Refinery brigade placed a very close second, just 2 seconds behind the winners. A total of 13 brigades entered this competition.

The annual tests were divided into four parts consisting of an evolution in the form of a practical fire problem, a fire, fire procedure test, and fire equipment quiz.

The pumper brigades were required in their evolution, to knock over two targets with two fog nozzles after running the pumper and laying 150 feet of 1½-inch hose.

The non-pumper brigades stretched a length of 2½-inch hose

to a simulated doorway, and connected 1½-inch hose and fog nozzles which were taken into the imaginary burning building by two men in masks who, after containing the fire, carried an unconscious victim to safety.

Second part of the test was to extinguish a planned fire by using any form of hand extinguisher, one man only. The fire procedure test required any five men in a brigade to lay hose, get water and do whatever else was necessary in handling a fire at a given location; the fire equipment quiz was a test of how well the men know the location and nature of fire fighting equipment in their area.

Inco fire inspector W. J. Humphries was pleased at the keen interest and rivalry shown by the many brigades and complimented the men on their training and performance.

"Blessed are they," said James Russell Lowell, "who have nothing to say, and who cannot be persuaded to say it."



This was the scene in the Inco Recreation Hall at Port Colborne as 425 sat down to the annual banquet of the Quarter Century Club on November 8. Gleaming cathodes of pure nickel, along with containers in which it is shipped to market, decorated the stage beneath the shining big Quarter Century Club emblem.

Nickel Refinery Clan in Fine Fettle As 104 New Members Heartily Greeted

Its biggest meeting yet, both in size and enthusiasm, was the annual conclave of the Port Colborne 25-year clan at the Inco Recreation Hall on November 8.

With 104 new members and a total attendance of over 425, the Nickel Refinery chapter of the Quarter Century Club had every reason for feeling frisky.

Led off by Don Ambrust of the electrical department, the new 25-year men came forward to receive their gold badges and a hearty handshake from vice-president James C. Parlee and Ontario division general manager T. M. Gaetz. Each man got a round of applause, occasionally accompanied by shouts of good-natured kidding, as he stepped up to the head table.

J. Howard Tuck, Nickel Refinery manager, offered his congratulations and good wishes to the latest and largest group of Port Colborne employees completing 25 years of service with the Company.

In his brief speech Mr. Gaetz

quoted a remark he had recently overheard one Inco man make to another, "This is a good Company to work for." That sort of feeling shared by men and management was a fine thing to hear.

Cordial greetings to Port Colborne from senior vice-president R. D. Parker and vice-president R. H. Waddington, who regretted their inability to be present, were conveyed by Mr. Parlee. He noted that this year a total of 539 Inco men had qualified for membership in "one of the really exclusive clubs of the world." Speaking to the new members he said, "I'm proud of this badge I wear, just as I'm sure you will be."

He urged the long service men to take every opportunity to pass on their wisdom and know-how to the younger employees. "Your experience, passed on to others, makes our Company what it is," he said.

Those who have retired from active Inco service continue to take

(Continued on Page 15)

For the impressive Moment of Remembrance respecting the memory of members who have died, the gathering stood while the hall lights were dimmed and a spotlight shone on the big crest, rising slowly to full volume and then gradually ebbing away. Chairman of the formal program was James H. Walter.



MOMENT OF TRUTH: Magician Ron Leonard, always popular with Quarter Century Club audiences, enlisted the help of vice-president James Parlee and assistant manager James Walter for part of his act. Here they face the moment of truth when, at the BANG of the super-sonic pistol, a borrowed watch flies unseen from inside the silk scarf into the innermost compartment of the locked jewel case. Messrs. Parlee and Walter later had returned to them various articles pilfered from their pockets during the act by the sorcerer, to the vast amusement of the audience.



CONGRATULATIONS! A man-sized handshake is about to take place here as Ontario division general manager Gaetz congratulates Tony Koleba of the research department on receiving his 25-year pin, presented by vice-president Parlee. The picture also shows three of the



head table guests, nickel refinery manager J. Howard Tuck and assistant manager W. V. Barker, and Inco's manager of process research (Canada), L. S. Renzoni. The new Quarter Century man being greeted on the right is Charles Ott, assistant to the manager.

Solemn Service of Remembrance Honors District's Warrior Dead



A closeup through the Triangle's telephoto lens of the scene at the Sudbury cenotaph as wreaths were placed by Wing Commander L. G. R. Virr, CD, commanding officer of the RCAF Station, Falconbridge, and Lieut.-Col. E. H. Capstick, CD, commanding officer of 58 Sudbury LAA Regiment, RCA. Members of the guard of honor, commanded by WO V. L. Roy, were Gunners Brian Olsen, Roy Becket, Raymond Cameron and Dennis McLeod, all of 58 Sudbury LAA.



This picture shows part of the assembly of over 5,000 surrounding the cenotaph for the annual Remembrance Day service in Memorial Park. It was the largest turnout in years according to master of ceremonies Art Cressey.



On parade were more than 400 Legionnaires from Sudbury, Copper Cliff and Lockerby, along with some 50 members of the ladies' auxiliaries.

Three Branches Of Legion March

The dead of Canada's wars live in ever green and grateful memory.

A congregation of more than 5,000 citizens from all walks of life surrounded the cenotaph in Sudbury's Memorial Park on Remembrance Day, November 11, to honor those who made the supreme sacrifice in defence of their country's heritage of freedom.

It was the largest turnout to the annual remembrance service in years. Similar ceremonies were conducted at other points in the district.

More than 400 Legionnaires and 50 ladies' auxiliary members marched in the long parade to the stirring music of three bands, the City of Sudbury band, the Salvation Army brass band under Capt. George Swaddling, and the Copper Cliff Highland Cadet Corps pipe

band under Lieut. Sam Laderoute.

Military units were out in full strength. Lieut.-Col. E. H. Capstick of 58 Sudbury LAA Regiment led the largest contingent in uniform from one unit ever to appear in a Remembrance Day parade, a showing which must have been deeply gratifying to him and his staff of officers. Naval and air force cadets also looked impressive as they swung through the streets in the bright autumn sunshine.

The colors of the three participating Royal Canadian Legion branches were carried in the parade along with those of the Polish Combatants Association, the RCAF and RCN cadet companies, and the Legion auxiliaries.

A Silver Cross mother, Mrs. Joe Chabot of Coniston, took the salute on the parade march past. Another Silver Cross mother, Mrs. Mary Blumman, laid the first wreath on the cenotaph.

The solemn service of remembrance was conducted by the presidents of the Sudbury and Lockerby branches of the Legion, Colin Bates and D. McNabb, the 2nd vice-president of the Copper Cliff branch, H. B. Flynn, and the zone commander, R. M. Dopson, with Art Cressey as master of ceremonies. The Last Post and Reveille were sounded by Bandsman Jack Cooper. Band music at the cenotaph was arranged by Capt. George Swaddling.

Walter Kuras

Retired from Frood on service pension after working there over

20 years, Walter Kuras is enjoying retirement but admits he would like to get a light job soon. "I have no family and find the days rather long," he said.

Walter was married in Poland 41 years ago but for many years now has had no word of his wife, two sons and daughter.

He came to Canada in 1928, worked on a farm and the railroad before joining his brother at Windsor on construction work. Coming to Sudbury in 1937 he worked at several jobs before starting at Frood in 1942.

Walter spent the last 10 years at Frood with the underground construction gang. Prior to that he worked in stopes and pillars and also helped sink Stobie no. 7 shaft.

A quiet man in good health, Walter now does a good deal of walking to keep in shape.

Nickel Refinery Clan

(Continued from Page 14)

keen interest and pride in the progress and achievements of the Company. W. J. Freeman assured the gathering in expressing the appreciation of the pensioners. His witty remarks were greatly enjoyed.

As they did at the Sudbury meeting, the Lounsbury sisters shattered the applause meter with their dramatic flaming baton performance. Singer Shirley Harmer, tap dancer Joanne Dean, and magician Ron Leonard were other acts in the excellent entertainment arranged by S. C. Augustine.

More Leaders Are Urgent Need of Thompson Youth

Scouting at Thompson is booming and its dedicated group of pioneer leaders find themselves hard pressed at times to cope with the number of active Scouts and Cubs who require leadership and guidance.

As Don MacLean, Scoutmaster of 1st Thompson troop pointed out, "We have more than 50 active Scouts in two troops and our three Cub packs number close to 100 boys. For this we need at least twice the number of leaders we now have."

With shift work and other legitimate reasons affecting their staff weekly, Don said they actually need almost twice the normal number of leaders in order to have a full staff out at all times. "Those who do come out are terrific," he said, "and if we can get another dozen or so as good, or even as willing I'll be very happy. Of course," he added, "in another year we'll need even more leaders because our ranks are increasing regularly." Scouts and Cubs meet weekly in both church and school auditoriums.

Something of a Scouting milestone was reached at Thompson last summer with the establishment of a Scout camp at Oswagen Lake, a few short miles from Thompson. A tent camp last year attended by some 25 boys, future plans envisage a fine permanent camp. "This will be a wonderful experience for Scouts and leaders," enthused Don, "establishing a Scout camp themselves in the great north wilderness. Few troops have that opportunity and I think we are very fortunate."

Another highlight of last summer's activities was the presentation at Thompson by Manitoba's Lieutenant Governor Errik C. Willis of the Queen Scout award to John Nesbitt. This was the first top Scouting award at Thompson.

Growing with the community Thompson Guides and Brownies have increased steadily since their start in the summer of 1959, and now boast a full Guide company of 30 girls and four Brownie packs embracing another 100 girls. "At the rate new Brownies are joining," district commissioner Mrs. C. A.



At Refinery Shindig

All set for a good time at the Copper Refinery athletic association's annual Fall dance were these good-looking guys and gals: on the left, Bill McLelland, Bud and Ann Eies, Jim Bryson, Dorothy Hooley, Pat Bryson, Marjorie and Walter Marcolini, and Bill Hooley; on the right, Gail McLelland, Al and Karen Bruce, Betty and Stu Harris, June and Henry Kirchner. Sudbury's Legion Memorial Hall was the scene of the snappy shindig, with Jack Smith's orchestra supplying the musical background. Arrangements were in charge of Bud Eies, athletic association secretary-treasurer, Jim Tosto and Andy Martin.

Nesbitt observed, "we'll have another full pack by spring."

As with the Scouts, biggest need of Guides and Brownies at the moment is more leaders and this fine group will warmly welcome any Miss or Mrs. willing to give a little of her time. "We are in pretty good shape as far as accommodation and material require-

ments are concerned," said the commissioner, "it's the human resources we lack."

Thompson Guides and Brownies, in company with many others across Canada, spent the past Halloween canvassing Thompson homes on behalf of UNICEF rather than the conventional "trick or treat!" Very well received by the

citizenry their efforts resulted in a fine contribution to this cause.

For the past couple of years Guide campers from Thompson have attended Clearwater Lake Guide camp at The Pas each summer but soon now the local group hope to make a start on building their own camp on nearby Oswagen Lake.



A divisional commissioner in the Girl Guide movement at Sudbury before moving to Thompson, Mrs. C. A. Nesbitt is now district commissioner for that area of Manitoba. She is pictured here flanked on her right by Mrs. Elsie Alguire and Mrs. Dorothy Ketchen and on her left by Mrs. Lovina Belfour, Mrs. Marion Tresor and Miss Pat Taylor, a group who are among the pioneer leaders.



The Thompson Scouting leaders pictured here represent many parts of Canada from Don MacLean's far eastern Nova Scotia to Stan Malcolm's beautiful British Columbia. From left to right they are Cliff Frame, Brian Doubleday, Wilbur Wilton, George Greenlay, Bob Croan, Don MacLean, Stan Malcolm, Dennis Parkinson, Ron Gould and Frank Roe.

Inco Mining Research

(Continued from Page 9)

with a technique for using it. The big advantage of being able to position it for blasting high hang-ups in the Creighton cave-mining area without the necessity of entering the boxhole pointed up its great safety potential. Comparisons with regular high explosives under actual production conditions showed it would effect substantial savings in blasting costs.

Inco's mining researchers then went on to administer the coup de grace to the doubting Thomases by proving that An/Fo, despite its extremely docile nature, could be successfully fired in small-hole blasting with spacers to cushion the shock to the back and pillar walls.

Then came the final clincher. The experts had insisted that ammonium nitrate would not detonate if wet, but Inco's results showed that it can actually be used effectively in small holes with a water content as high as 17%.

Its virtues established beyond question, An/Fo started to replace regular high explosives in development and fill method stoping at Inco as well as in blasthole and cave-mining operations where it had already demonstrated its effectiveness. The conversion is now complete, less than two years from the date when the Company's alert and progressive mines department first picked up the hint of the intriguing possibilities in this modest material.

THE GREAT UNKNOWN

Men never really learn anything about women, but they have a lot of fun trying to.