

INCO TRIANGLE



JULY 1972

New contract signed



It's official. The final result of bargaining is the signatures on the contract.



Gib Gilchrist, Steelworkers' area supervisor, and Mickey Maguire, president of Local 6500, sign for Sudbury. Hugh Judges, Inco's manager of industrial relations, looks on.



Ontario division president John McCreedy and corporate vice-president of industrial relations Frank Burnet add their signatures to the contract.



Signing for Port Colborne are Ray Moreau, president of Steelworkers' Local 6200, John Tronko, Maurice Keck, Steelworkers' staff representative, and Lynn Williams, union district representative.

INCO TRIANGLE

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On the cover

Each year, Ontario Division president John McCreedy sends roses to the wives of the new members of the Quarter Century Club. This year was no exception: 703 dozen roses were distributed to 703 charming ladies. Representing them on our cover are, top row: Frances Boudignon, her husband Robert works in Copper Cliff accounts payable; Sadie Ahonen, whose husband Arvi works at Creighton Mine; and Jeannette Harris, whose husband Ernest is at the copper refinery. Below them is Frood miner Peter Rewega's wife May; Aline Beaudry, whose husband Albert works at Levack; and Norma Skuro. Her husband Nick works at Clarabelle Mill.

Our congratulations, ladies: Your devotion and encouragement to your husbands helped their success with Inco, and their achievements are rightfully shared by all 703 of you.

Will Incoites help

The Big Brothers Association of Sudbury & District was organized to pair suitable men and fatherless boys so that the bond of friendship which develops will help the growing boy mature into a responsible upright citizen.

If you are willing to become a "big brother" to some "little brother", and are willing to spend a minimum of four hours a week with him on a regular and continuing basis, the association would like to meet you. Those selected as Big Brothers will receive professional assistance and guidance.

The association also needs help for its administrative and secretarial requirements. All work is voluntary.

Trained or experienced social workers are also eagerly sought to share some of the screening and matching committee's workload.

Phone 674-6011 and they'll supply you with a lot more details.

Welcome TO THE INCO Quarter Century Club



Brothers all, this quintet of McKinnons represents 137 years of experience: Frank (25), Ken (26), Rod (25), John (25), and Hector (36).

703 join Q.C. Club

Seven hundred and three strong, the class of 1972 is the largest group to join Inco's exclusive Quarter Century Club. Because of the large number of new members, the locale shifted to Copper Cliff's Italian Club where the mining and processing groups received their pins on successive nights. Later the same week, an open invitation to all Quarter Century Club members, active and pensioners, their wives and families, resulted in a packed house at the Sudbury Arena.

President of the Ontario Division, John McCreedy, presented the gold pins to the new mines members. Later, speaking to them, he said: "Each one of you represents to me a success story. It means that having joined the company, you decided to stick with it and give it a good go. In so doing, you not only built a good life for yourselves and your families, you helped Inco become what it is today. Let me assure you that the company is both mindful and appreciative of your contributions."

Mr. McCreedy recalled that 25 years ago the company's situation was somewhat similar to today's. "When this year's freshmen joined the company, it wasn't a particularly easy time. Production had been cut by about 50 per cent following the war and markets were only just beginning to be found again. I'm sure many of you who had served overseas were a little shaken when the airborne magnetometer was introduced, and this area was witness to planes dragging bomb-like objects behind them in search of new ore bodies."

Gordon Machum, assistant to the general manager (processing), made the presentations to the

new processing members. He said that one of the reasons the company has been able to weather the bad times with the good is the vitality and enthusiasm of its long-service employees.

Such dependable characteristics are going to be even more important in the future as the company becomes involved in international developments, he said.

"It would have been impossible to build Thompson without drawing on the contributions and knowledge you have given us over the years. It will be just as impossible to develop an operation anywhere in the world without the use of knowledge gained during your years of service," Mr. Machum said.

Looking back to 1947, Mr. Machum said he thought many in the class would be interested in remembering some of the people who operated the plants in those days. The names made an impressive role call: R. L. Beattie, E. C. Lambert, D. Finlayson, G. M. Ferguson, W. Acheson, J. C. Parlee, F. H. Lymburner, W. J. Ripley, W. E. Gillespie, P. E. Queneau, R. Hewgill, F. G. Murphy, R. A. Elliott, and W. H. Armstrong.

R. G. "Dick" Dow, administrative assistant and secretary of the club, welcomed the members of the new class to both dinners. Speaking to the crowd at the Arena, he reminded them that this was by far the largest class to join the club, but that next year over 800 new members will be enrolled. This year's night of entertainment was the first time members' wives and children were invited to the event and Mr. Dow welcomed them adding he hoped "everyone here

will agree this is an enjoyable way to get together."

25 years ago

The members of the Class of '72 had just signed on with Inco in 1947 when 34 members were added to club, which then boasted 396 names, compared with today's total of 4,641. Nine of the class are company pensioners and several attended this year's meeting. On the next page, we republish their class photo.

The 1947 dinner was held at the Nickel Range Hotel and following presentation of the pins and remarks by Ralph Parker, then general superintendent of the Mining and Smelting Division and W. T. Waterbury, assistant to the vice-president and club secretary, the members were entertained. If you were there that night, you'd have heard Miss Shirley Bacon of Sudbury sing four solos, laughed to the late Doug Romaine's comic portrayal of a drunk moviegoer, and watched the film "Nickel Tales". Quite a contrast with the four hour extravaganza staged this year.



Garfield Green introduces Frood's Lloyd Bass to John McCreedy.



New member Paul Volpel from Creighton 5 jokes with John.

CLASS OF '72 PHOTO ALBUM



Obviously enjoying themselves are this quartet from Creighton: Gordon Regulous, Francis Rochon, Greg Hryciw, and Joel Hodgins.



Coage LaSalle led the sing-song.



Creighton miners Isaiah Pelletier and Frank Wabegijig had assistant manager of mines, Tom Parris, for a table companion.



Brothers Archie and King Croteau seem to be enjoying themselves. Their partner is Frood's Chris Johnson. Archie works at Creighton, and King at Copper Cliff South.



Twenty-five years ago, many of these men probably taught the Class of '72 the ropes. We respectfully reprint the group picture of the Class of '47. Back row: Luigi Barbro, Arthur Hughes (deceased), Giovanni Visentin (deceased), Pietro Marcon (deceased), Nick Radomski (deceased), Ferdinand Lalonde (deceased), Charles Roussel (deceased), Harry Cobbald (deceased), James McNeil (deceased), John Frost (deceased), Giulio Biondi (deceased), Gustave Zinkie (deceased); middle row: Felix Mei (deceased), John Hradowy (deceased), William Boyle, Alex Yandon (deceased), William Gegear, Richard Dopson (deceased), Henry Bassett, Rene Lemieux (deceased), Barney Hamilton, Percy Johnson (deceased); front row: Ernest Fitman (deceased), John Wulff (deceased), Edward Miles (deceased), J. R. Gordon (deceased), W. T. Waterbury (deceased), R. D. Parker, Fillipio Morelli, Romeo Canapini, Augusto Uguccioni (deceased); John Dannelly (deceased); kneeling: Mose Fior (deceased), Ernest Bray (deceased), and Richard Brooks.



Ken Johnston's transportation men sang - - -



- - - What else but "Workin' on the Railroad".



Not to be outdone, Fred Burchall's maintenance men fought back bilingually.



Rocky Canapini and Will Digby start a sing-song.



Caricaturist Les Barker captured Miss Eileen Tabin, the only woman in the Class of '72, and Club secretary Dick Dow.



Working hard to feed over 350 hungry men at each sitting are these ladies of the Italian Club.



Hey! You can't do that, new member Ralph Adams tells Dr. Tom Powell . . .



. . . The master pickpocket steals Ralph's belt anyway and . . .



. . . With Ralph's hands occupied, cleaned out all his pockets, too.



Joey Hollingsworth is amazing with his dance routines.



Enjoying the free refreshments during intermission are Wilf Andrews (Frood Mine), pensioners Paul Zamaska and Eddie Cretzman, and Irene Andrews.



Watching the show are Joe Murphy (copper refinery), pensioner George Fleming, Elmer Persian (Stobie) and Lauretta Persian.



The arena was packed well before show time.



Marie André gave Gerry Borg a thrill when she asked him to sing.

cub aree '72

Val Caron is slowly returning to normal following an invasion by 800 young Cubs last month. The occasion was the 11th annual Cubaree, with this year's theme being an Indian pow-wow.

Cubs from Wahnapiatae, Burwash, Levack, Capreol, Estaire, Sudbury, Copper Cliff, Gatchell and Rayside, all descended on the valley town's athletic field.

Organized by Carol Shyminsky, cubmaster for the northern district, the day's event started with the Cub's traditional Grand Howl. War games, snowshoe races, slingshot and bow-and-arrow target competitions, 3-legged races, simulated lion and buffalo hunts and an evening campfire, kept the youngsters busy.



Chief John Miesopulos takes deadly aim.



1st Broder raiding party: Jacques Malette, John Kovala, Robert Violette.



Michel Briand concentrates.



Enn Kiadorf takes a step at a time across suspension bridge.



Tumbles aplenty in the sack race as Randy Charlebois, Michael Rantala, Reg Kett, Kenneth Rahhanen, Alfred Langlade, Robert Violette and Randy Laakso discover.

Safety cycles

The streets are full of cyclists but how many of them know the rules of the road and their responsibilities as riders. Not enough judging by the numbers that carelessly ride on the wrong side of the road or at night without lights.

It's for this reason that the Copper Cliff Police organize and sponsor bicycle roadeos in many Nickel District towns. Are they successful in their aim? Cons. Bill McIlmoyle, Levack's roadeo organizer, thinks so.

"The things they learn at the roadeo must sink in with a lot of them," he said. "We haven't had a serious accident involving bicycles in Levack for some time. And if a youngster is doing something wrong on his bike, and the cruiser comes along, it seems to jog their memories."

There's a lot of interest in the roadeo in Levack, too: 155 registered in the senior one, and 120 in the junior or elementary school roadeo. Most of the tests they take stress balance and control, but their practical knowledge of road signs and



Kim Jalsich hears she's won a bike.



Judge Peter Walker covers his eyes as Angela Wolfram and Robert Higginson have a near-miss on the figure eight.



Cons. Victor Gerrard watches Robert Brown's control and balance.



Stanley Kleniewski just knew he was going to win it.

signals is also checked. A 24-question written exam tests them on rules of the road.

Helping out as judges were Stan Picard, Peter Walker, Gerald Orton, Mrs. Barbara Stanich, Cons. Victor Gerrard and Andy Crawford, Roger Lachance, and the Levack safety patrol.

Overall winners of the roadeo were Kim Jalsich and Stanley Kleniewski. Each won a bicycle. Runners-up were Mima Wyper and Richard Pettit, who won tape recorders; Loretta and Tim Nerpun who won radios; and Sandy Wyper and Darcy Albert, who each won watches.

Port holds its roadeo finals

The Port Colborne Kinsmen Club, in co-operation with the Niagara Regional Police and all local school principals, held its annual bicycle roadeo for local elementary school students last month in the Port Colborne Arena.

The bicycle roadeo is held to teach the young riders the various aspects of bicycle safety as well as bike handling. The organizers hope that the habits a youngster learns as a cyclist will carry over when he becomes a car driver.

The roadeo consists of three phases. Phase one was carried out on a school basis, with 16 local schools participating. Six finalists were chosen from each school on point system, with points being awarded for a written test, a riding test and a bicycle inspection. In the second phase, three finalists from each school participated in the local final at the arena, carried out and judged by the Kinsmen with assistance from Sgt. Robert Gardener of the Niagara Regional Police safety division. The third and final phase will be in the form of a Regional Roadeo, sponsored by all the 12 Kinsmen Clubs in the Niagara Peninsula.

The local winners were David Zimmer, 10; Joanne Bell, 7; David Burger, 6; David Knoll, 12; Carolyn Zapp, 11 and Nodia Chivetti, 12. Highest totals of the day were achieved by Carolyn Zapp, Caroline M. Thompson School, 470 points and David Zimmer, St. Patricks School, also with 470 points.



Stan Picard safety checks Walter Sarazen's bike as Cons. Bill McIlmoyle registers him.



Mike Laberge helps Robert Lamarche with the test.

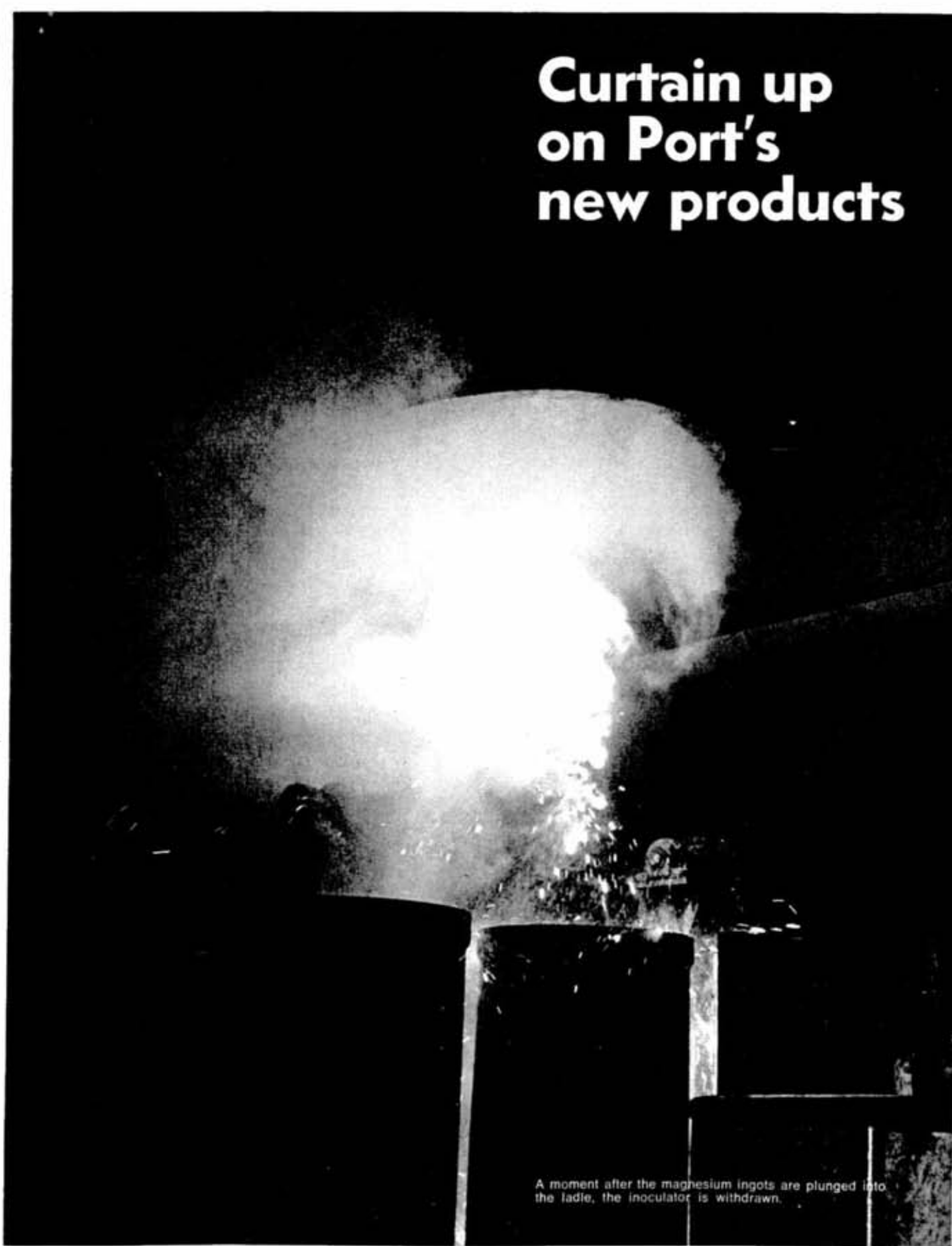


July 1st was busy weekend

Smiling faces of many cultures helped celebrate Canada's 105th birthday . . . charming girls manned the food fair and handicrafts booths in Sudbury's Arena . . . Joe Cooke emceed the Sudbury Exiles Rugby Club's "Miss Sudbury" contest in Bell Park . . . it was S.R.O. at the Folk Arts Council's concert at Laurentian University . . . and water polo at Copper Cliff was but one of many events in the first Sudbury regional games.



Curtain up on Port's new products



A moment after the magnesium ingots are plunged into the ladle, the inoculator is withdrawn.

A \$3.6 million vote of confidence in the Port Colborne Nickel Refinery and in the foundry industry; that's Inco's new foundry additives plant which started manufacturing saleable products this month.

Initially, the main products will be N.M.A. No. 1, containing 15% magnesium, N.M.S.A. No. 2 containing 15% magnesium and 30% silicon, and F nickel shot which contains about 5.5% silicon. In each of the products the base is nickel. In addition, the No. 1 and No. 2 alloys will be offered containing about 0.4% cerium. The nickel-magnesium additives are new products for the Port Colborne refinery.

The plant's production rate is about one million pounds per month; its design capacity is 25 million pounds annually.

Nickel-magnesium alloys have been produced at Inco's plants in Huntington, West Virginia, and at Hereford, England, for several years and F nickel shot used to be produced in an open-hearth furnace in the Port Colborne nickel anode casting department. The processes involve adding silicon, magnesium or other metals to give a variety of related primary nickel products.

Why Port Colborne chosen

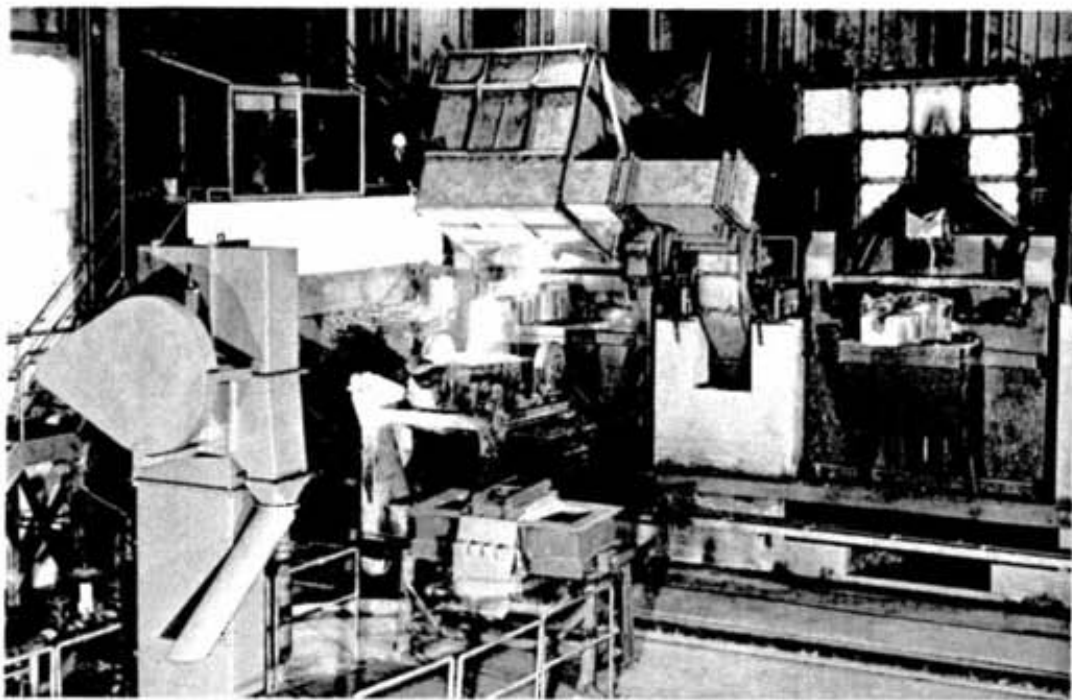
Locating the plant at Port Colborne at the source of the principal raw materials provides transportation and operating economies. The production equipment has been housed in the refinery's No. 2 building, which formerly held ball mills and leaching tanks for the sinter plant and calciners. More recently the area has been used for storage.

Inco's new plant uses the latest advances in electric induction furnaces, casting techniques and materials handling equipment. Of its \$3.6 million estimated cost, \$500,000 was spent for dust and fume collection equipment to meet the requirements of the Air Management Branch of Ontario's Department of the Environment.

Design of the plant equipment, and the project management, was carried out by Port Colborne Nickel Refinery's engineering department, with extensive test work and process definition by the process technology and operating departments. Inco's foundry industry marketing staff assisted greatly in the project.

Inside the plant

Electrolytic nickel, silicon, ferrosilicon and flux are taken from the storage bins, weighed and transported to the furnace area by crane. They are fed into the furnace by a front end loader.



Two Ajax induction furnaces dominate the melting area. The shotting pit is in the foreground.

Silicon is added to reduce the melting point of nickel.

Melting takes place in a six-ton capacity induction melting furnace. A stand-by furnace will be available so that operations may continue during replacement of the furnace lining.

The induction furnace consists of a power source, a water-cooled copper coil, a housing for the coil, and a refractory lining inside the coil to form a crucible. The furnace is similar to a transformer: When an alternating power source is connected to the coil, the charge inside the crucible is subjected to an alternating electromagnetic field. Since the metallic charge is an electrical conductor, it is heated rapidly to and above its

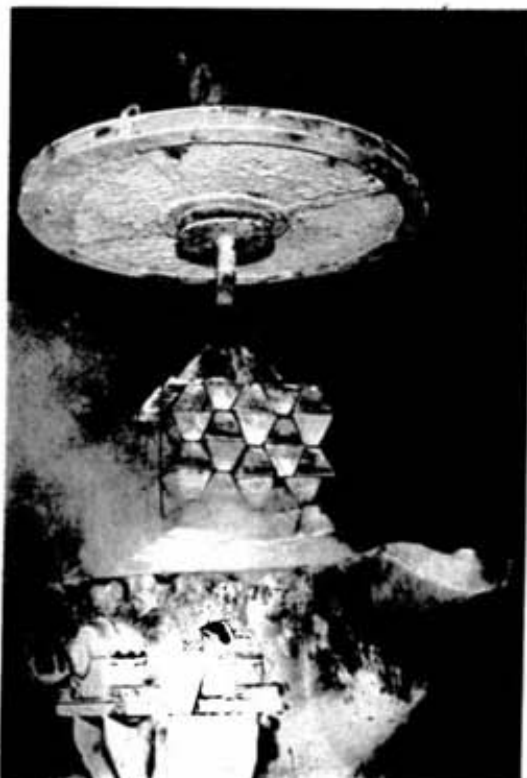
melting point. The furnace has a melting rate of three tons of nickel per hour and operates in the temperature range of 2,000° F. to 2,900° F. depending on the product.

The induction furnace is hydraulically tilted to pour the molten charge into a refractory-lined ladle, then pure, preweighed magnesium ingots are plunged

into the molten metal under carefully controlled conditions in a ventilated room. After the nickel and alloying materials have been thoroughly blended, the alloying ladle is tipped to pour into cast iron moulds and after cooling, the ingots are removed from the moulds and transferred to the ingot storage area. (Continued next page)



Ted Schryer operates the magnesium inoculator.



A 375-pound load of magnesium ingots just before it plunges into the ladle of molten nickel.

From storage, the ingots are moved to an enclosed ventilated room where they are sand-blasted. Taken from the sand-blast room, the ingots are broken with a pneumatic hammer to the desired lump size for crushing. The lumps, collected in a skip bucket, are dumped through a grizzly into the crusher hopper and fed to a 30-inch by 18-inch jaw crusher. Discharge from the crusher is into a three-deck screen. The two desired product sizes are conveyed by bucket elevators to two product receiving bins prior to packing in suitable containers for shipping. The oversize is returned to the crusher and the fines are recovered to be reprocessed. Baghouses are provided to collect the dust from the sandblasting, and the crushing and conveying operations.

Technical staff at Port Colborne carried out extensive research and pilot plant scale tests to develop a system to collect magnesium oxide fumes **before** they could become a source of in-plant atmospheric pollution. The furnace and magnesium addition casting areas are hooded and the fumes are drawn by high speed fans into a large baghouse collector. Automatic dampers

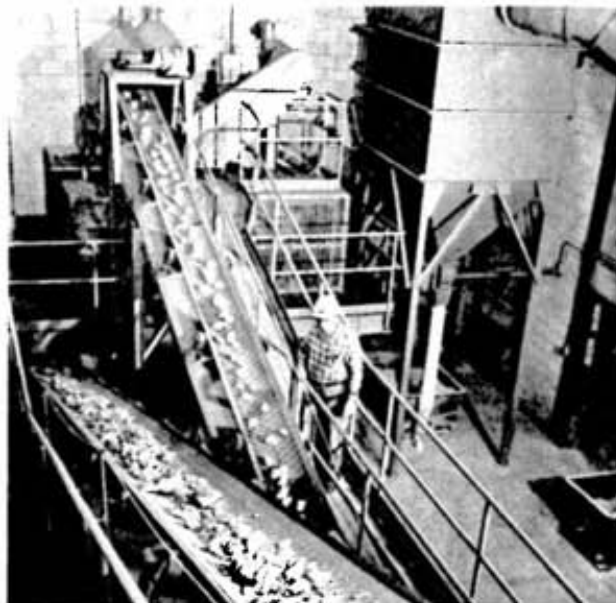
control fume temperature below 450°F. inside the collector.

Alternatively, the induction furnace drops hot metal into the granulation pit. As the liquid metal is poured over high pressure jets of water, it strikes the spray and drops into the pit in the form of pellets, or "shot". The F nickel shot is conveyed through a system of driers, a screening operation and on to the receiving bins for shipment.

Since its introduction in 1949, ductile iron has steadily increased in popularity, requiring a corresponding increase in production facilities by suppliers of nickel-magnesium additives. Today, such products as engine castings, waterworks equipment and large machine parts benefit from the advantages peculiar to ductile iron.

Inco's Paul D. Merica Research Laboratory at Sterling Forest, N.Y., has a very active program underway to develop new sophisticated de-oxidizing foundry additives having a nickel base.

With Port Colborne's new plant on-stream, Inco is in an ideal position to produce all types of additives, and to provide the pilot-scale research facilities to test new products.



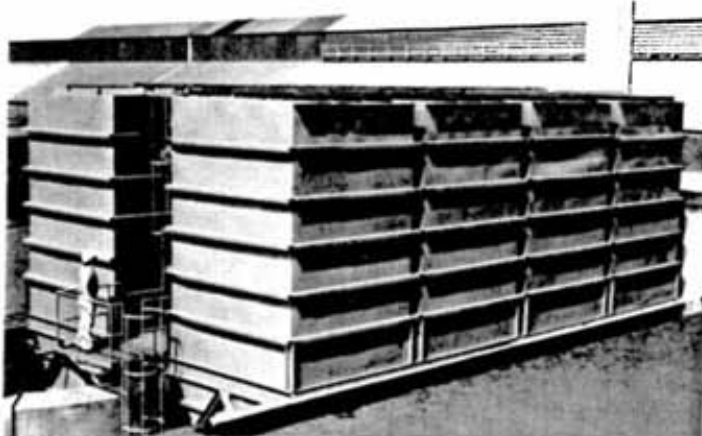
Conveyorman Bruno Favero checks the oversize returning to the crusher. Product in foreground is on its way to packing area.



Tony Murgie and Bob Surridge check drums of NMA No. 1 as they pass over weigh scale. Drums contain 650 pounds.



After cooling, the nickel magnesium alloy is poured into moulds.



The baghouse dust collector cleans 90,000 cfm. of air that ventilates the inoculation room. Note the smokeless, clean stack.

Television invades the lunchrooms

Television underground? Believe it or not, and it's sponsored by Inco. It's the latest twist in the mines department's continuous training program for shift bosses, and men with specialized jobs such as diesel loadermen and jumbo drill operators. Using the latest in audio visual aids, a video-tape recording playback unit and a television monitor, mines training coordinator Les Parr has been visiting underground lunchrooms on most of the sublevel caving levels in the Froid-Stobie complex.

The current production on "grade control" is the result of cooperation between the Froid-Stobie engineering department, Les, and the Training and Development Institute in Sudbury.

The mines engineers built a scale replica of a typical sublevel caving area, Les researched and scripted the program, and the training institute provided the video-tape equipment and instructor Randy Livingstone to operate it.

The program summarizes a series of tests using the replica. The underground viewers see for themselves that ore grade can be improved if the load-haul-dump machine's bucket draws alternately from the left and right of the draw point, until 70 per cent of the muck in the machine's bucket is rock. The tests prove, the program's announcer tells the men, that recovering any more muck is uneconomical.

Video-tape training was introduced on an experimental basis last year, but the grade control tape is the first to be shown underground. Les said there's no intention of replacing the shift boss's lunchroom demonstrations, rather the video-tape will assist him by supplying fully-researched and prepared material as a supplement.

"We're trying to rejuvenate our old training programs and demonstrations by injecting the type of modern audio visual aids relevant to today's people," Les said.

The grade control program

met with an enthusiastic reception everywhere it was shown underground. The program generated a lot of discussion and questions, Les said.

Besides the grade control program, other video tapes have been produced on blasting control, and several supervisory training tapes on safety and how to present a lunch time talk. Jumbo drillers working development headings will be the next Inco underground release. New programs in progress include several on on-and-off-the-job safety topics, such as the proper grounding of electrical appliances, and on the incentive bonus system.

Les says video tape is ideal for demonstrating job procedures, for example, such typical shaft work as changing the ropes on a skip or cage, or a maintenance crew stripping down a diesel engine or electrical motor. The whole job can be taped and later edited to include only the parts you want to emphasize, Les pointed out. "Video tape also allows us to use special effects, such as a split screen for comparison of two things," Les added. The special effects are added later during the editing phase of the production.

Because of the complexities of mining, Les finds it takes about a month to produce a 15-minute tape. During that time, his research will include checking the Ontario Mining Act, the all mines standard practice, and touching bases with the safety, engineering and geological departments. Then he writes his script, and organizes the dry run rehearsals with camera angles and lighting. Randy handles the actual taping and editing of the programs.

Looking to the future, Les hopes to establish an audio visual library at each mine complex, complete with 35 mm training slides, video tapes, and schematic flip-charts of vehicles and mining methods for the use of shift bosses. Besides lunchrooms, demonstrations using the aids could be presented in un-



Television underground on 1400 level Stobie: everyone is fascinated.



At Little Stobie, Les Parr answers questions with a chalk talk.



Randy Livingstone films Gene Liciotti's lecture on electrical grounds.

derground garages, warm rooms, or surface shops.

Video tape isn't new, Les pointed out. Inco has been using it in its Training and Development Institute for some time, and the Mines Accident Prevention Association has several successful programs. The Sudbury Board of Education has

over 50 units in use and Cambrian College offers a two-year course for audio visual technicians, including the scripting and production of video tapes. Video-tape cassette players for home use are already available and, although they cost over \$1,000, someday they'll cost less than a color TV, Les predicted.

Company pays 28 for suggestions

One of the most frequently asked questions about the suggestion awards plan is whether a suggestion can be re-submitted. The answer is a qualified yes.

Three years after a suggestion has been turned down, it will no longer be in the running for an award. Every rejected suggestion can then be put forward again, and will be judged once more as a new suggestion.

Put your ideas on paper today. The 28 June winners below did.

NAME	LOCATION	SUBJECT	AWARD
J. A. Beaton	I.O.R.P.	Improved method to remove and install main boiler doors	\$ 260
R. B. Moir	Levack	6 in. drain (slimes) on mine skips	175
E. F. McDonald	Cop. Refinery	Changes to Arc Furnace charge rack rollers	95
R. Condon	Garson	Changes to sand fill collar pipes	60
M. A. Quenneville	Garson	Removal of clip on Fabrene bags	60
G. Sabourin	C.C. Smelter	Revised Herchsoff roaster scraper	45
W. Smith	Frood	Jack bar extension to remove crusher bolt	40
J. W. Allan	Levack Mill	Install fume hood at Levack Mill	35
R. Paquin	Cop. Refinery	Means to hold chute at main shear	35
H. Lische	Frood	Relocate shut-off switch for MG set on 2400 level, Frood	30
M. L. Wiwcizor	Frood-Stobie Mill	Platform and access ladder to door lift motors	30
T. S. Bryson	C.C. Mill	Safety rail barrier at Door 53 in the Copper Cliff Mill	25
L. Elford	Cop. Refinery	Change location of valves on BM compressors	25
A. Kerekes	Cop. Refinery	Relocate ladder to roof monitor	25
F. K. Moxam	C.C. Smelter	Revision to stairway on "M" floor, Roaster Bldg.	25
I. Van Laaten	C.C. Mill	Screen baskets for Separan system	25
A. Wolfram	Stobie	Relocation of safety cord on conveyor belt	25
H. Dubreuil	C.C. Smelter	Improved method to check loco pantographs	20
R. Giles	Levack Mill	Lighting at Door 15 of Levack Sand Plant	20
E. Hastings	I.O.R.P.	Install partition in I.O.R.P. changehouse	20
A. Reid	Cop. Refinery	Change location of door on lead slag car	20
V. Knezevic	Cop. Refinery	Change to settling tank ladders	20
P. E. Lussier	Cop. Refinery	Lighting in area of Door 40 in Copper Cliff Mill	20
F. Zimmer	C.C. Mill	Cover on shovel point of screw conveyors	15
A. Rupkalvis	I.O.R.P.		
TOTAL			\$1,500

PORT COLBORNE

D. Missett	To silver solder bus bars on plating tanks	\$180
A. Parker	Providing better lubrication to Linotex valves	\$ 85
A. Gagnon	Changing construction of bottom masking sticks on diaphragm boxes	\$ 25
TOTAL		\$290

We're looking for people who like to take pictures

Who says that holiday snapshots make memorable pictures? We do and to prove it we're inviting Inco employees and their families to enter their best efforts in our holiday snapshot contest.

To make things even for younger shutterbugs, we're dividing the contest into two, with an adult section and a junior section, 16 years old and under. We'll award \$10 to the best photo, \$5 to the second best, and \$2.50 to the third best photo in both sections.

You don't need a fancy camera; an Instamatic will do. It's the eye behind the lens that counts. But all photos must be taken during the Ontario Division's three-week vacation shut down.

Winners will be selected by Mike Dudowich, Sudbury Star; Peter Orfankos, CKSO-TV; and Gus Macoritto, Macoritto Studio, Port Colborne.

There are no subject categories. Send us something humorous, a pretty girl on the beach, a scenic shot, children at play, etc.

Rules

1. Only employees of Inco's Ontario Division and their families may enter.
2. Black and white or color prints only; no minimum size of print. Remember the larger the print, the better its qualities can be appreciated. Color slides are unacceptable.
3. Final postmark date for entries is September 15.
4. Judges decision is final; no photographs can be returned.
5. First, second, and third place selections and three runners-up will be published in the Triangle. Juniors in October; adults in November.
6. Enter as many times as you like and MAIL entries to: Holiday Snapshot Contest, Inco Triangle, Copper Cliff. Include

your full name, age (if junior), employment number (husband's number for wives; father's for juniors), type of camera used, and a description of the photo, on a separate piece of paper. Do not mark anything on the back of the photo.

Relax and bus to work in Oct.

Inco families in Sudbury will have new bus services to company operations west of town by early October.

The service is to be quite different from conventional transit systems. With the help of Inco and Local 6500, bus routes will be laid out to place service stops where they will be as convenient as possible to the homes of Inco employees. Buses will travel directly to several company operations, eliminating the need for transfer as far as is practical. Bus timetables will be co-ordinated with shift changes. It is hoped that employees will find the new service as convenient and considerably less costly than private cars.

The project will determine whether Inco families want and will use commuter buses.

To plan the project a broadly representative steering committee has been formed. The Committee will establish policy on such matters as routes, fares, schedules and frequency of service. Wes McNeice, assistant transportation superintendent, is Inco's representative; and Bob Chartrand, vice-president of Local 6500, is the union's representative.

The new bus service will be operated for the Ontario government by Sudbury Transit personnel. Routes and timings will be co-ordinated with regular city bus lines as necessary to give passengers convenient connections between the two services.

Appointments

COPPER CLIFF

A. V. Richards, general superintendent of maintenance construction;

G. E. Burns, manager of office services;

J. E. Fowler, division comptroller;

T. J. Newburn, assistant division comptroller;

R. Pascoe, supervisor of traffic.

Triangle has new phone number

Please note the Triangle office has a new telephone number: 682-0631. Readers calling this number will be answered by the "public affairs department" of which the Triangle is a part.

Final draw for Inco golf tourney

The largest field yet in an Inco golf tournament, 300 golfers, will make the rounds at the Idyl-

wylde Golf Club August 19 in the annual interplant tournament. Players are reminded to

report to the starter's table at least 10 minutes before proceeding to their designated starting

tee. The big day begins with a shotgun start at 7 a.m. Awards will be presented in the evening.

7:00 A.M. DRAW

Hole No.	Team No.	Name	Team No.	Name
1-A	11	W. Digby	16	W. Curlook
1-B	1	T. Parris	2	C. Dunkley
2-A	3	R. Aitken	10	W. Lalonde
2-B	2	M. Head	1	J. O'Shaughnessy
3-A	9	R. Toffoli	3	M. Sharpe
3-B	6	J. Gladstone	5	B. Matichuk
4-A	8	G. Joyce	77	A. Brown
4-B	77	E. McIvor	7	A. Rebellato
5-A	13	W. Aronec	14	C. McAfee
5-B	15	J. Mullock	16	R. Moskalyk
6-A	12	J. Jack	11	L. Morden
6-B	15	D. Agar	12	C. Kerr
7-A	49	Y. Beauchamp	13	H. Limion
7-B	21	B. White	22	W. Rorison
8-A	24	A. MacKinnon	27	D. Parenteau
8-B	23	D. McCroome	28	A. Muir
9-A	19	R. Matthews	20	D. Mathe
9-B	29	K. Freeze	30	B. Carmichael
10-A	25	J. Sharp	26	D. MacKay
10-B	9	K. Kay	10	L. Pevato
10-C	26	B. Crowder	25	J. Newel
11-A	17	J. Henry	19	T. Sanmiya
11-B	18	J. Rickaby	17	R. Myher
12-A	5	J. MacDougall	6	J. Noonan
12-B	7	D. Duncan	8	F. Burchell
13-A	20	R. Smith	14	R. Posso
13-B	22	G. Bertrand	21	D. Findlay
14-A	23	G. Foy	24	C. McCoy
14-B	30	T. True	32	H. Thompson
15-A	18	H. Darks	29	C. Miller
15-B	35	B. Hamer	38	J. Bozic
16-A	36	H. R. Butler	37	F. Beaudry
16-B	34	P. Siren	75	D. Mallette
17-A	27	D. Kelly	28	W. Dupont
17-B	32	J. Luptak	31	B. Couker
17-C	31	N. Carriere	33	H. Davidson
18-A	34	A. Fex	33	M. Madin
18-B	75	E. Brugos	76	M. Hodgkinson
				J. Wharton
				W. Davey
				T. Parri
				B. West
				B. Sandiford
				H. Fiacconni
				J. O'Neil
				P. Dozzi
				J. Woznow
				H. Allan
				D. Moule
				G. Banks
				R. Parisotto
				J. Matijevich
				R. Crepeau
				B. Ludgate
				J. Sauve
				L. Doucette
				H. Hreljac
				R. Caverson
				J. Turnbull
				D. Huggins
				J. Donald
				D. Saville
				G. Mahon
				I. Lapointe
				B. Reeves
				L. Carriere
				D. Tommasini
				D. MacKinnon
				R. Ethier
				J. Whalen
				C. Garner
				M. Evoy
				G. Sipe
				O. Coll
				J. Mathias
				A. Johnstone

1:00 P.M. DRAW

1-A	56	P. Marsh	J. Grassby	4	J. Cooper	V. Lalonde
1-B	46	G. Brake	N. Feeley	47	K. Johnston	R. Ansley
2-A	54	A. Massey	M. Gravelle	55	A. Holm	A. Read
2-B	57	A. Steers	S. Maggs	56	C. Gareau	T. Joiner
3-A	50	L. Mulligan	C. Staalstra	53	P. Kamstra	M. Mette
3-B	51	K. Rogerson	W. Bontinen	50	B. Steadman	J. Kilby
4-A	37	J. Klotz	P. Morrison	47	J. Kidd	A. Chartier
4-B	44	D. McMorran	G. Chisholm	40	D. Marynuk	C. Ansley
5-A	49	G. Laforge	J. Stinson	48	V. Lacroix	J. Dube
5-B	51	D. Lang	F. John's	45	N. Ray	L. Chasse
6-A	53	M. Marunchak	J. Maltay	48	D. Philipps	D. Lafreniere
6-B	58	C. Jorgenson	C. McGowan	59	R. Johnson	T. Davies
7-A	63	H. Thirld	B. Hofford	58	J. Mihelchic	L. Bardeggia
7-B	35	M. Sitko	B. Larouche	41	R. Luoma	M. Martin
8-A	60	M. Curry	J. Curry	58	J. Black	N. Lalonde
8-B	72	B. Barrett	M. Skirda	73	A. Langille	W. Chornenki
9-A	73	V. Tupling	R. Sitko	72	R. Remington	W. Mitchell
9-B	74	E. Nevala	M. Morrison	78	R. Poulin	J. Dandeneault
10-A	43	B. Buchanan	T. Flanagan	44	B. Segsworth	M. Tushingham
10-B	45	D. Peloquin	N. Urwin	43	O. Ripley	R. Maud
10-C	4	A. Este	T. Kirwan	57	M. Gagnon	G. Smith
11-A	69	M. Ayotte	E. Roy	74	K. Segsworth	B. Falcioni
11-B	59	B. Forsythe	B. Oldenburg	61	H. Gervais	G. Gobbo
12-A	52	D. Fenske	F. Beauchamp	78	F. McAteer	K. Fyall
12-B	38	S. Simmons	S. Yurkovich	52	J. Serpell	B. Vaillancourt
13-A	64	M. Hurd	A. Steele	65	J. Ricketson	M. Grace
13-B	66	D. Hutchinson	R. Deredin	64	R. Larouche	P. Girard
14-A	62	L. Vold	M. Stahan	71	R. Gauthier	V. Villeneuve
14-B	68	P. Martin	A. Uildersma	60	M. St. Amour	D. Steward
15-A	39	L. Desilet	F. Orange	40	J. Veno	L. Bedard
15-B	36	R. Stanzel	R. Young	41	R. Woloschuk	B. Haworth
16-A	46	F. Boniakowski	S. Comba	63	L. Faulkner	B. Jacobson
16-B	65	D. Hall	G. Wilson	54	C. McLeod	R. Shaw
17-A	66	D. Scott	W. Hart	67	J. Mei	G. Hughes
17-B	76	W. Lamondin	W. Kozak	66	H. Koivula	G. Constantineau
17-C	39	A. Massey	E. Racicot	67	B. MacDonald	I. McPhee
18-A	62	B. Banks	R. Suomu	71	T. Crowther	E. Belter
18-B	60	E. Ruismaki	T. Wilgos	61	R. Ferguson	C. Fox

ALLEY-CATS some of Inco's top bowlers



Captains of the winning teams in Froid-Stobie Athletic Association's mixed league are Loretta and Ray Fraser, whose team finished first in "A" section and won the play-offs; and Lorraine John, whose team came first in "B" section.



Play-off champs of Port Colborne's 10-pin bowling league are the presses' team led by captain Gary Grondin. Beside him is Pete Grondin, captain of the league champion shops team.



The 6th Dimension are the play-off champions in the Creighton-Lively Teenage Bowling League. Members of the team are, back row: Chuck McLeod, Irene Gasiorowski, Gordie Vigneault; front row: Ron Lariviere, Bill Dumencu (captain), and Bill Peacock.



Garson Employees Club recently completed its 22nd year of organized bowling. Captain of the mixed league champs is John Hughes; Kate Cull's team are the women's league champs; and Glen McDonald's team won the men's championship.



Winners of individual awards in the teenage league are, back row: Mary O'Brian, high average (174); Wilma Greer, high double (482); Margaret McLean, high single (263); front row: Dan Jones, high average (209); Bill Dumencu, high double (527); and Gordie Vigneault, high single (333).



FAMILY ALBUM

Caught by the Triangle camera relaxing on their front lawn are the Port Colborne family of the month. Grouped around Germain and Marie Cote are their six pretty daughters, Diane, 18, Theresa, 13, Suzanne, 15, Carole, 10, Denise, 7 and Francine, 11. Germain is a pipelitter in the mechanical department with 25 years' service. The fox terrier on Marie's lap is 3-year-old Bijoux.



Walter Byrko started in 1960 at the Copper Cliff mill and now is a conveyor-man helper there. With him are his wife, Rose, and Allen, 5, and Terry, 2. Ask Walter about snowmobiling and he can tell you all about it. For this was how he travelled on the snow-bound road all winter from their home on McCharles Lake to the highway for each shift. Despite such inconveniences, Walter and his family agree there are many advantages to McCharles such as swimming on their doorstep and the peacefulness of country living.



Bob Coon and his wife, Claudette, moved into their new house in Azilda last January. At that time he transferred as a stope leader to Coleman Mine in order to cut down travelling time to and from work. Bob had been at Garson Mine since 1958, when he joined the company. Their two sons are Kenneth, 8, and Eugene, 7. Bob is taking advantage of the summer to landscape his new home but he has time also for some fishing and camping at Lake Nipissing.



Former Thompsonites, Don and Carole Kampman are also enthusiastic golfers and new members of the Lively Golf and Country Club. Don first joined the company in 1963, but broke his service for one year. When he returned to Sudbury in 1967, he started at Murray Mine and later transferred to Stobie. He is presently a raiseman at Kirkwood Mine. The four Kampman children are Todd, 8, Donra, 9, Sandy, 6 and Aaron, 12 months. Don's father, George, has retired from Murray Mine, and Carole's father, Jim Bradley, who is also retired, worked at Froid Mine.

RETIREMENTS

GERALD SANDERS

Gerry has retired as a planned maintenance coordinator at the Froot-Stobie Mill after 42 years service. He started at Froot



Mine in 1929 as a drill fitter, transferred to Creighton as a drill fitter boss and then returned to Froot-Stobie as a drill fitter foreman.

Before joining the company he worked for Ingersoll-Rand at Sherbrooke, Quebec, where he met and married Beulah Neeley. They have two children and four grandchildren. Gerry enjoys fishing, fixing things and travelling.

LARRY O'BRIEN

Assayer Larry O'Brien joined the company in 1935 at the Copper



Refinery. Born in Alexandria, Ontario, he attended Queen's University and holds a B.Sc. degree.

He and Annie McDonald were married in Garson in 1942. Mrs. O'Brien was born in Glen Neris, a small community near Alexandria, and she came to Garson to teach school.

The O'Briens have three sons and two daughters and are the grandparents of two.

HECTOR LAFORGE

Hector's first career was teaching school, but because of the low wages he decided to quit and



try his hand at mining. In 1937 he joined Inco at Levack Mine, and a number of transfers later found him at Creighton in the

electrical department. At the time of retirement he was a planned maintenance coordinator.

Hec met and married Rose Lalonde at St. Charles in 1932. Their family is made up of seven children and 15 grandchildren. One of their sons, Larry, is an electrician at Copper Cliff North Mine, and another, Denis, is at the Copper Cliff Smelter.

WELLAND PIPER

Welland was born in Bismarck, Ontario, where his dad operated a farm. During the winter months



when things weren't busy on the farm, he was an electrician's apprentice.

In January, 1941, he moved to Port Colborne and started in the refinery's yard department, he subsequently moved to the P.M. department and the electro-nickel refinery where most of his service was spent on the stripping floor.

Gwendolyn Armbrust, a school teacher from Cobalt, Ontario, became Welland's wife in 1937. Their daughter, Joan, is a stenographer in the purchasing department at the Port Colborne refinery.

MARVIN HUFFMAN

"Hap" Huffman has retired with 37 years' service from Stobie Mine where he was a mainten-



ance area foreman. He originally joined at Creighton Mine in 1934, later transferred to Froot and then made a final move to Stobie Mine.

His wife, the former Ruby Rodman, was born in Lindsay, Ontario, and came to Sudbury where she was married in 1939. The Huffmans have one son, and they enjoy trips to Sault Ste. Marie to visit their two grandchildren.

KEN DAVIS

"I could write a book on No. 5 Building about the good old days," said Ken Davis following his retirement from the Port Colborne refinery after 36 years of service.

Ken was born on the family farm in Wainfleet Township and



after finishing school, worked on the farm and also part time as a commercial fisherman. In 1935, he joined Fraser-Brace Construction Company who were adding Nos. 8, 9, 10 units to the electro-nickel refinery and also helped lay the re-inforcing steel for the base of the present 500-foot stack.

Following completion of these jobs in 1936, Ken joined Inco in the electrolytic department. He is proud of the 25 years he put in as a cementation operator on the pachua floor and the large number of operators trained by him. He transferred briefly to the mechanical department but for the last 10 years has been a security guard.

Ken and Agnes Sibbald were married in 1935. They have two children and six grandchildren.

ALEX COULAS

Born and raised in Killaboe, Ontario, Al Coulas joined the company in 1939 at Froot Mine.



He did various jobs at the Froot-Stobie complex and was a tippleman at Stobie Mine when he retired.

In 1941 he was married to Hildred Landry who died in 1960. Al has two sons and one daughter. In 1966 he was married to Mrs. Grace Tanner at Sudbury.

Al enjoys fishing near his home in Alban, as well as working in his garden.

PHILIP BOSTROM

After trying his hand at farming in Winnipeg, where he was born, and being a milkman in Saskatchewan, "Swede" Bostrom came to the Sudbury area to work for Inco in 1942. He was hired-on at



Creighton Mine and has been there during all of his 28 years' service. Phil has been classified as a motorman for the last 17 years.

He was married to Mrs. Vicky Beland in Sudbury in 1969. Phil has four daughters and one son as well as 16 grandchildren.

ENOS CROUSE

Although Enos was born in Prince Edward Island, he grew up in Nova Scotia and this was



where he met Lou Joudrey, whom he married in 1932.

Enos started at the Orford Building in 1934. He transferred to the concentrator, later moved to the Iron Ore Recovery Plant and finally returned to Copper Cliff in 1967 to work in the machine shop where he was a second class mechanic.

The Crouses have two sons, one daughter as well as nine grandchildren that grandma greatly enjoys babysitting.

GORDON NEEDHAM

Gordon Needham started to work at the Port Colborne Nickel Refinery in 1940 with the ironworkers in the "boiler shop" of the mechanical department. He has worked ever since on general maintenance, lately repairing the stainless steel mother blanks



which are used in the electro-nickel refinery.

Gord was born in Orangeville, Ontario, in 1910 but the family moved to Port Colborne two years later.

After finishing his schooling in Port, Gord went to work with the government surveying crew during construction of the Welland Canal. On completion of

the canal in 1933, he obtained employment with the Canada Cement Company, but quit shortly after to join Inco.

After a "whirlwind" courtship of 15 years, he married Evelyn Neff, a Port Colborne girl and former school mate, in 1941.

JOHN BIDGOOD

After breaking his service twice, John Bidgood returned to Inco permanently in 1936 joining the boiler shop section of the me-



chanical department as a helper. When he retired 36 years later, he was an ironworker 1st class.

Born in England in 1910, John came to Canada with his parents the following year and settled in Deloro, Ontario. In 1919, they moved again to the village of Humberstone to join his dad who was working at the nickel refinery which had just begun operating in nearby Port Colborne.

John married Olive Hardy in 1934 and they have two grown children, including Jack, now a third generation Incoite in the tankhouse at the Port Colborne refinery. Eight lively grandchildren give them countless hours of pleasure.

ROBERT RALSTON

After listening to the whirr of the rotors and the humm of the generators for the last 44 years he has been at the Port Colborne Nickel Refinery, the quiet of retirement will take some getting



used to for Robert "Bobby" Ralston.

Bobby was born in Barrhead, Scotland, in 1909. Four years later the family moved to Canada. They finally moved to Port Colborne in 1922 when his dad obtained employment at the nickel refinery.

Bob started with Inco at the Port plant in 1926 as an electrician helper. Six months after being hired, Bobby started his apprenticeship as an electrician and covered all jobs in the de-

partment including 22 years in charge of the armature winding room, electrical boss and relieving foreman. He became foreman in 1969 and remained such until retirement.

Bobby married Mary Jane Emerson of Dunnville in 1934 and they have one daughter, Jane. She is married to Glenn Sherk, who is senior project engineer at No. 2 Research Station. Jane was a plant nurse at the Port Colborne refinery for seven years. Two lively grandchildren complete the family group.

DONALD ROSS

Don, who originally hailed from Teulon, Manitoba, came to the Sudbury area and worked for one of the local lumber companies for two years before being



hired to work at Levack Mine in 1938. During his 34 years with the company, Don put in all of his shifts at Levack Mine and was a skiptender when he recently retired.

He was married in 1938 to Rose Croteau in Sudbury and they have three daughters and one son. Their daughter, Margaret, is married to Bruce Stor, who is at Copper Cliff North Mine, and Connie is Mrs. Bob Nerpin, and her husband is a stopeleader at Levack.

VERN TUPLING

Vern is not only a familiar figure in all sports circles, but he came to be known by many people during the 29 years he managed the Inco Employees Club. At retirement, Vern was one of the



personnel department's employment agents.

He was married in 1929 to Isobel Dickson, who was from Toronto, and their family consists of two daughters, one son and three grandchildren.

Vern is working part-time for the Ontario Motor League, and is doing as much golfing and curling as time allows.

STEVE SCHVARCZKOPF

Steve was born in the village of Turtierebes, Hungary, in 1911. In 1926, he came to Canada to join his dad who was working for Inco at the Port Colborne refinery. He spent two years working on a farm in Wellandport and learning English.

Finally in 1928, Steve joined the Port Colborne plant in the



mechanical department. He was laid off in 1930 due to the depression but was rehired in 1933 in the electrolytic department. Practically all of his service was spent in the shearing department, however, and he was promoted to foreman in 1956.

Mrs. Cora Christoff, widow of a former Incoite, became Steve's wife in 1964. Mrs. Schvarczkopf has two children by her former marriage, including son Tom who is presently assistant to the electrical superintendent in the Port Colborne refinery. Four grandchildren complete the family picture.

HENRY BOYER

"I'm enjoying excellent health and expect to play 18 holes of golf every day for the rest of my life," said Henry "Hank" Boyer.



Hank retired after 37 years' service at the Port Colborne Nickel Refinery.

Born in Lafontaine, Ontario, in 1907, Hank came to Port Colborne in 1928 to rejoin his family who had moved the year previous. His first job was working on a drilling rig during deepening of the existing Welland Canal channel.

In 1935 he started in the electronickel refinery, and performed practically all the jobs in this department from working behind the shears to starting up the Cobalt plant. During this period, Hank spent considerable time working in the pilot plant on process changes. After spending some time with the dust

testing program on the refinery furnaces, Hank joined the instrumentation section of the research laboratory (now process technology) in 1947 as a meter checker and was placed on staff as a technician in 1957. Except for two years in personnel work as a plant personnel officer, Hank was a member of this section until retirement. They are responsible for the maintenance and servicing of all the automatic controls and instruments in the plant with the exception of the research stations.

Yolanda "Buddy" Vundella of Crowland, Ontario, and Hank were married in Port Colborne in 1934. They had four boys, and four grandchildren complete the family circle.

EUGENE MAYER

During the last 10 years Gene Mayer has seen many men going on and off shift at Garson Mine, where he was stationed as a



security guard with the Copper Cliff Police Force. He joined the company in 1945 and has 27 years' service.

A great hockey fan, Gene played shift league hockey and he also played for the Sudbury Wolves.

Cecilia Cosma, who was born and raised in Cartier, was married to Gene in 1939 and they have two sons, two daughters and three grandchildren.

WILLIAM MITCHELL

Bill joined the company at Creighton Mine in 1940 and for the last 21 years has been a shift boss at No. 3 Shaft.



Married in 1941 to the former Madeline Sharp, they have two daughters.

The Mitchells have just moved from Creighton to Lively and Bill is busy painting and getting settled into their new home.

GREEN THUMB

Notes on market gardens by

DON YOUNG

A number of readers are asking about developing successful home vegetable gardens in the Sudbury area. It's apparently a general feeling that vegetables are hard to grow in this region, so here's valid proof that gardening in Sudbury does pay off — and with money, too!

You don't have to look far, and in fact, the real problem was to limit the number of examples for this article.

The gardeners we found are all growing assorted vegetable and fruit crops in this area, and it is very evident from the appearance of their farms that they really know what they are doing. You don't have to look any farther to prove that it takes good work and know-how to produce good results.

POTATOES

A visit to Jean-Paul Montpellier's farm near Larchwood proved what is generally accepted by people who know about potatoes: that the Sudbury area produces some of the best in the world.

He has 120 acres of the best potatoes you'll see anywhere, growing right on our doorstep.

Mr. Montpellier produces the Kennebec variety which he finds to be more disease resistant in this area. He manages to harvest about 300 bushels to the acre in mid-September with a giant piece of machinery called a potato harvester.



Karin Veijalainen (rear) and friends have their own version of a "strawberry social".



Walter Bernat's constant devotion to his plants' growing needs ensures a good crop.



A machine hills the soil around Jean-Paul Montpellier's potatoes.

He offered a few tips about potato farming:

- fertilizer (10-20-20) is applied at 1,000 pounds per acre when planting about May 15.
- selective weed spray is used to control weeds.
- potatoes are hilled up just before they begin to bloom.
- a two or three-year crop rotation plan is followed to allow for application of lime and for insect and disease control.
- sandy soil is best for potatoes.

Jean-Paul markets all his potatoes locally and is kept busy through the winter months, packaging the potatoes which he stores in bulk in his special potato storage building.

STRAWBERRIES

Mrs. Karin Veijalainen has a large and meticulously clean strawberry patch on Highway 69 South near the Wahnapiet River.

Her field is a pure delight for strawberry lovers, and a taste of the product defies description. A few hints on the successful growing of good strawberries:

- obtain a soil sample of the area and have it analyzed and recommendations made to adjust soil fertility for growing berries.
- don't plant strawberries in an area which has had potatoes in it within the last few years.
- work the ground up well before planting to eliminate as many weeds as possible and to incorporate any necessary organic matter into the soil.
- keep the runners removed and keep the patch well weeded once the plants are set in the rows.
- three to five plants will do well in a square foot of soil and will last for five years of good production if properly maintained.
- an insect spray program will be necessary, but be careful to use only those sprays which will not leave a harmful residue at time of picking.

CORN

Sudbury's long summer days prove to be a definite advantage in vegetable growing. Walter Bernat has a farm in a frost-free pocket of land beside McFarlane Lake, where he produces a wide assortment of excellent garden vegetables.

Planting and maintaining four acres of mixed vegetables is a big job, but Walter has 40 years of experience to back him up. When asked to give a few general tips on vegetable gardening, he indicated that there are so many practices which experience teaches that it would be difficult to know where to start and where to stop. He does use a variety of chemical fertilizers in varying amounts depending on the crop being produced. Corn requires extra nitrogen during the early growing stages.

The sandy nature of the soil keeps the irrigation system busy in dry weather but careful attention will pay off and give another excellent crop of fresh vegetables each year.

Apologies

Contrary to the caption beside the Class of '47 photo on page four, Messrs. J.R. Gordon and G. Visentin are very much alive. The editor sincerely regrets his error and hopes it has caused no distress to the families concerned.

A handwritten signature in black ink, appearing to read "P. Marshall".

P.F. MARSHALL
EDITOR