

INCO TRIANGLE

VOLUME 11

COPPER CLIFF, ONTARIO, JANUARY, 1952

NUMBER 10



"Father, We Thank Thee..."



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

Don M. Dunbar, Editor.

EDITORIAL OFFICE COPPER CLIFF, ONT.

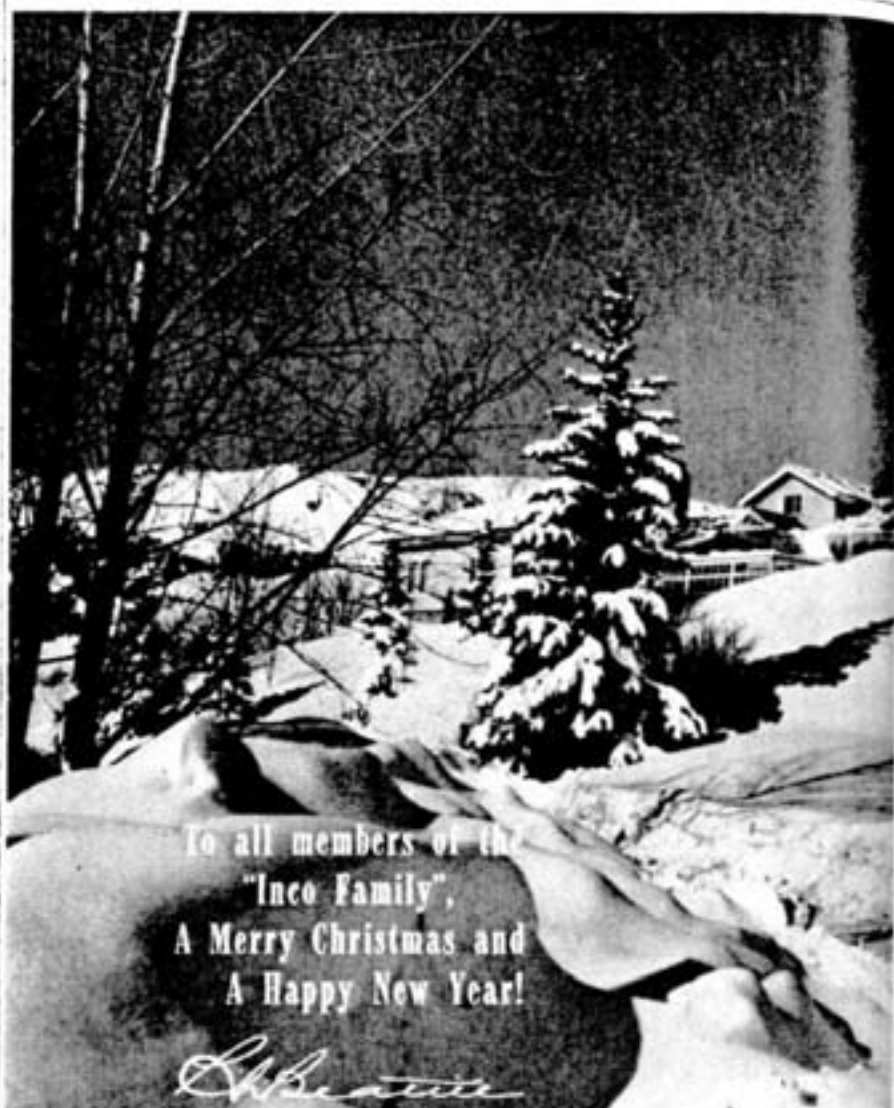
Christmas and the Family

The approach of Christmas brings calm out of chaos, comfort in trouble, goodwill where there was strife, and the first warm glow of that serene and tender happiness which reaches into every heart and makes better people of us all.

Christmas is the anchor of our lives. No matter how whim or circumstance may cause us to drift during the year, we come back to Christmas eager for the security and peace of this most gentle and kindly festival.

The true spirit of Christmas, the Triangle would suggest, is symbolized by the family. The family is built upon love. Within the close intimacy of the family circle lies refuge and strength, hope and courage, and unfathomed depths of happiness. However changing social customs may tug and pull, the precious heritage of family ties can stand the strain. There is nothing in human experience to substitute for the genuine, warm, simple fellowship of family life, and those who have had it not must wander desolately down the empty corridors of the years.

There is much in this issue of the Triangle to carry out the family theme, because we feel that nothing more appropriately expresses the message of Christmas. In our front cover picture we see Rene Bourgeault of the Copper Refinery and his wife and kiddies, giving thanks for the bounty of their Christmas together. On Page 3 is the touching story of Bob Cratchit's Christmas Dinner from the immortal pen of Charles Dickens, a chapter we never tire of rereading. Our regular feature, the Inco Family Album has been expanded to include a representative family from each of the mines and plants. And there is the photograph of Bill Gowan of Copper Cliff Smelter and his family, sharing delight over the success of one of Daddy's Suggestion Plan Ideas which brought a reward beyond their fondest expectations. In the faces of all those bright-eyed youngsters and proud parents are reflected the peace and goodwill which are the essence



of the Christmas spirit.

On the material side, we carry the annual review of the nickel industry by the Company's chairman and president, Dr. Thompson. Here is family news of the utmost importance, telling of the steps which have been taken during the past year to develop the great industry whose continued success ensures the livelihood and security of the Inco family.

On Christmas Day, when the home rings with the joyous shouts of children, let's take stock again of our family happiness, appreciating anew the glorious privilege of belonging to one another. For out of this appreciation, welling up from the hearts of all people and spreading its warmth throughout the world, will one day come final realization of the ideal of universal brotherhood for which the Christ child was born.

To all its readers and their loved ones, and to men of goodwill everywhere: the Triangle's wish is that your family will be a happy one this Christmas-tide, and that the New Year will bring joy and success.

UNMASKED!

For one of the Christmas program numbers, 10 little Sunday School cherubs were to come out with a big letter hanging on each youngster. In rehearsals, all went well, six tiny girls carrying letters that spelled the word LITTLE, followed by four small boys and the letters STAR; but the 10 youngsters were terribly embarrassed and confused when the audience laughed at the formal presentation of their act. Somehow the boys came on stage in reverse, making the message read: LITTLE RATS.

A FAITHFUL READER

Roy Barnes, formerly of the file dept. at Copper Cliff and now an Inco pensioner, enjoying the slippered ease of a country squire at his home on the Long Lake Road, sends in the following amusing note:

"My little grand-daughter Sylvelyn Barnes, of Lansing, Ont., came home from school one day to advise her mother they were practising the Christmas music for her school concert. She said her class was going to sing, 'O Come All Ye Faithful, Joyful and Triangle.'"

Wonderful little youngster, that Sylvelyn.

BREAKING THE NEWS

A small boy's head bobbed up over the garden wall and a meek little voice said: "Please, Mrs. Jones, may I have my arrow?" "Certainly," replied Mrs. Jones. "Where is it?" "I think it's stuck in your cat," replied the boy.



Bob Cratchit's Christmas Dinner

Mrs. Cratchit made the gravy (ready beforehand in a little saucepan) hissing hot; Master Peter mashed the potatoes with incredible vigour. Miss Belinda sweetened up the applesauce; Martha dusted the hot plates; Bob took Tiny Tim beside him in a tiny corner at the table; the two young Cratchits set chairs for everybody, not forgetting themselves, and mounting guard upon their posts, crammed spoons into their mouths, lest they should shriek for goose before their turn came to be helped. At last the dishes were set on, and grace said. It was succeeded by a breathless pause, as Mrs. Cratchit, looking slowly all along the carving-knife, prepared to plunge it in the breast; but when she did, and when the long expected gush of stuffing issued forth, one murmur of delight arose all round the board, and even Tiny Tim, excited by the two young Cratchits, beat on the table with the handle of his knife, and feebly cried, Hurrah!

There never was such a goose. Bob said he didn't believe there ever was such a goose cooked. Its tenderness and flavour, size and cheapness, were the themes of universal admiration. Eked out by applesauce and mashed potatoes, it was a sufficient dinner for the whole family; indeed, as Mrs. Cratchit said with great delight (surveying one small atom of a bone upon the dish), they hadn't ate it all at last! Yet every one had enough, and the youngest Cratchits in particular were steeped in sage and onion to the eyebrows! But now, the plates being changed by Miss Belinda, Mrs. Cratchit left the room alone — too nervous to bear witness — to take the pudding up, and bring it in.

Suppose it should not be done enough! Suppose it should break in turning out! Suppose somebody should have got over the wall of the back yard, and stolen it, while they were merry with the goose — a sup-

position at which the two young Cratchits became livid! All sorts of horrors were supposed.

Hallo! A great deal of steam! The pudding was out of the copper. A smell like a washing-day! That was the cloth. A smell like an eating-house and a pastry-cook's next door to each other, with a laundress's

next door to that! That was the pudding! In half a minute Mrs. Cratchit entered — flushed but smiling proudly — with the pudding, like a speckled cannon-ball, so hard and firm, blazing in half of half a quarter of ignited brandy, and bedight with Christmas holly stuck into the top.

Oh, a wonderful pudding! Bob Cratchit said, and calmly too, that he regarded it as the greatest success achieved by Mrs. Cratchit since their marriage. Mrs. Cratchit said that now the weight was off her mind, she would confess she had had her doubts about the quantity of flour. Everybody had something to say about it, but nobody said or thought it was at all a small pudding for a large family. Any Cratchit would have blushed to hint at such a thing.

At last the dinner was all done, the cloth cleared, the hearth swept, and the fire made up. The compound in the jug being tested, and considered perfect, apples and oranges were put upon the table, and a shovelful of chestnuts on the fire.

Then all the Cratchit family drew round the hearth, in what Bob Cratchit called a circle, and at Bob Cratchit's elbow stood the family display of glass — two tumblers, and a custard-cup without a handle.

These held the hot stuff from the jug, however, as well as golden goblets would have done; and Bob served it out with beaming looks, while the chestnuts on the fire spluttered and crackled noisily. Then Bob proposed:

"A Merry Christmas to us all, my dears. God bless us!"

Which all the family re-echoed.

"God bless us every one," said Tiny Tim the last of all.

From "A Christmas Carol"

By Charles Dickens.



A Christmas Greeting From Inco's President

Down through the years the age-old spirit of the Christmas Season has continued to lift men's hearts. May this spirit of good-will be with us again this Christmas-tide. A Merry Christmas, and may 1952 bring all of us good health, peace and happiness.

John F. Thompson

INCO FAMILY ALBUM

May the Cup of Happiness brim right over on Christmas Day for: (1) Mr. and Mrs. Guy Innes (Creighton) with David, 15, Shelley, 6, and Daphne, 11. (2) Mr. and Mrs. Allan Moorby (Lawson Quarry) with Susan, 3, Terry, 5, and Eric, 9. (3) Mr. and Mrs. A. Canapini (Copper Cliff, Pensioners) with Reno, Romolo, and Remo. (4) Mr. and Mrs. Billy Demkiew (Frood-Stobie) with Johnny, 3, Linda, 2, and Billy Jr., 5. (5) Mr. and Mrs. Gordon French (Levack) with Judy, 9, Jean, 2, Andrew, 5, David, 7, and Bobby, 11. (6) Mr. and Mrs. Donald Rochon (Port Colborne) with Nicole, 3, Marcel, 2, and Gaetan, 1. (7) Mr. and Mrs. A. Laglois (Wabageshik) with Colette, 15 mos., Cecile, 8, Jovette, 7, and Ellen, 6.



INCO FAMILY ALBUM

And may Joy reign supreme at Yuletide and throughout the New Year in the homes of: (1) Mr. and Mrs. E. Rabeau (Copper Refinery) with John, 9, Mary, 7, Clare, 4, and Larry, 6. (2) Mr. and Mrs. Harry Davidson (Garson) with Catherine, 2½, and Diane, 5½. (3) Mr. and Mrs. Alex Spiers (Murray) with Jim, 4, and Barbara, 2. (4) Mr. and Mrs. Bob Stewart (Nairn) with Carol, 9. (5) Mr. and Mrs. E. Strom (Coniston) with Gregory, 4½ and Iona, 20 mos. (6) Mr. and Mrs. Henry Beauchamp (Frood-Stobie) with Colette, 11, Ronnie, 7, Lynne, 6, Rita, 2, and Claude, 5 mos. (7) Mr. and Mrs. Art McKenzie (High Falls) with Pamela, 10, Ronald, 3, and Wanda, 14.



Youth Groups On the Alert At Willisville

Making great strides since its organization within the past year, Willisville's Girl Guide and Boy Scout movement is showing the way to other district centres many times the size of the peppy little community across Froot Lake from Lawson Quarry.

Cubs and Brownies got underway first, Cameron McLean volunteering as Cubmaster with Charlie Withers as his assistant and King Scout Dick Dow, Jr. as instructor, and Mrs. Burkett and Mrs. Tilston offering their services as leader and assistant leader with Joan Dow, a Gold Cord Guide, as Packee.

Lawson Recreation Club stepped in as sponsor and appointed the following group committees: Cubs, J. Gregg, R. Dow, A. Moorby, L. Spry; Brownies, Mrs. H. Campbell, Mrs. E. Leach, Mrs. A. Stevens, Mrs. W. Carlyle.

Last March the Girl Guide company was formed under the leadership of Capt. Nancy Minchin, with Joan Dow as assistant, and in September the Boy Scouts got going with Bill Tilston as Scoutmaster and George Stalker as assistant.

Captain Minchin has since left the village and has been replaced as Guide leader by Mrs. Tilston; Allan Moorby has succeeded Cam McLean as Cubmaster.

More recently a Local Association has been formed to aid Girl Guides and Brownies: Mrs. R. Dow, Mrs. L. Burkett, Mrs. Wm. Tilston, Mrs. L. Spry, Mrs. A. Leeman, Mrs. H. Bonas, Mrs. H. Campbell, and Mrs. E. Leach.

All four groups are sparkling with enthusiasm, and winter programs of instruction are in full swing. Many merit badges have already been earned. Accompanying photos show the members:

1. Willisville Girl Guides: front, Evelyn Kay, Joan Leach, Jean Wetherall, Jean Stevens; back, Capt. Mrs. Tilston, Myrie Carlyle, Donna Witty, Betty Griffiths, Pat Spry, Lieut. Joan Dow. Not shown, Eva Leach.

2. Willisville Brownies: front, Ara Linda Leeman, Carolyn Gibson, Tweenie Alva Lee Leeman; Tweenie Sandra Leach, Marjorie Spry, Colleen Bonas; back, Tawny Owl Mrs. Tilston, Norma Leach, Gail Campbell, Linda Lou Witty, Joyce Stevens, Pat Tilston, Myrna Campbell, Ruth Carlyle, Packee Joan Dow, Brown Owl Mrs. Burkett. Not shown, Tweenie Patsy Myles, Donna Becks, Gail Young.

3. Willisville Boy Scouts: front, Raymond Rouleau, Allan Cywink, William Yusda; back, Scoutmaster Wm. Tilston, Lloyd Leach, Michael Tilston, Stewart Carlyle, Harvey Eaton, Richard Dow, Asst. Scoutmaster George Stalker. Not shown, Desmond Rouleau, Ralph Rouleau.

4. Willisville Cubs: front, James McCus, Peter Dow, Dean Eaton, Winston Hardacre, Eric Moorby, John Leach, Wayne Withers, Billie McLean; back, Asst. Cubmaster Charles Withers, David Leach, Robert Withers, Hugh Striker, Peter Tilston, Jay Gregg, Jack Burley, Cubmaster Allan Moorby. Not shown, Instructor Dick Dow, Douglas Becks, Charles Myles.

Receive Lifesaving Awards

In an impressive ceremony on the evening of Nov. 26 three of the Willisville girls were presented with Girl Guide lifesaving medals. Awarded by the Dominion Girl Guide executive, silver medals went to



Mechanical Dept.'s Banquet Was Another Outstanding Success



Walter Marcolini, the man with the hollow leg, gave some of the boys at the Copper Refinery Mechanical Dept.'s annual banquet a demonstration of his eating prowess. He knocked off seven pieces of pie just like nuthin'. First of the above pictures catches Walter in action, enviously ogled by L. Antoniazzi, Al Lalonde, Frank Harper, Frank Scott, "Moose" Watts, and Teddy Latreille. Chosen as "the most unlikely to become Metropolitan Opera stars" were the yodellers seen in the second picture: Lucien Levesque and "Moose" Watts of the plate shop, Otto Spitz, pensioner, Walter Day of the warehouse, Cec Matthews of casting, and Matt Bell, pensioner.

Brief addresses by representatives of the various Copper Refinery departments testified to the skill and co-operative spirit of the Mechanical Dept.

Held at the Italian Hall, Copper Cliff, the banquet featured delicious chicken and spaghetti, and was followed by an enjoyable variety program for which the Refinery's Jim Denis was the versatile accompanist.

R. H. Waddington, general supt. of refineries, is addressing the gathering in the third photo; left to right in front of him are J. C. Blachoff, plans metallurgist; R. B. Rodger, mechanical supt.; Maurice Keaney, master of ceremonies; Austin Smith, asst. supt.; L. P. Kitchener, chief engineer.

Brownies Myrna Campbell, 11, and Linda Lou Witty, 11, while Brownie Gail Campbell, 9, was presented a gilt medal.

Presentations were made by the Area Commissioner of Girl Guides, Mrs. I. J. Simcox, of Copper Cliff. Many other district Guide officers were present for the ceremony, which took place in the schoolroom of Inco's quarrying village before an assembly of Scouts, Guides, Brownies, Cubs, parents and friends.

The only other Northern Ontario award of a Guide lifesaving medal was two years ago to Joannie Hamilton, of Gatchell, who won a silver cross for saving a baby from a burning home.

The last week of July the three Brownies were playing in the water off Willisville's sandy beach on Frood Lake. All good swimmers, they were on a raft anchored about 50 yards offshore when curly-headed, seven-year-old Midge Spry, who couldn't swim, got into too deep water with her inner tube support.

Near the raft Midge slipped out of the tube and disappeared.

Myrna Campbell was the first to notice what had happened. She dived in to help the younger girl, managed to find her under water and pull her to the surface, but Midge began to struggle and both went down twice.

Linda Lou Witty was the next of the rescuers into the water; while Myrna clung grimly to the struggling Midge, Linda Lou swam to help. Between them they were able to get near the raft with Midge. Seeing them tire, Gail Campbell lay in the water with a tight hold on the raft and her legs pushed out towards the others, who grabbed her ankles. Then it was not too difficult for all to clamber back to the safety of the raft.

Adults on shore who had seen the rescue, although too far away to lend a hand, soon had boats out to the raft to bring the four girls ashore.

THAT BUSINESS ON PAGE 16

Readers charged us with various degrees of mental cruelty after they ran into that mixup on Page 16 of the December issue of the Triangle. Eight lines from the carry-over of the Creighton Holst story had been neatly transferred to the carry-over of the Diamond Drill Bit story. The result was startling, to say the least. People suddenly found themselves learning about drill bits 14 ft. in diameter and containing more than a ton of nickel. Since all but a cynical few of our readers undoubtedly believe everything they see in this journal, we thought we had better put the matter straight.

Dentist—You have acute pyorrhea.
Patient—Save the compliments for later, doc, and look at my teeth.

CLIFFMEN TOP 100,000 MARK

Smiles and chuckles were the order of the day, after a long session of anxious waiting, when the Copper Cliff plant went over the top on the first of November for another 100,000 safe shifts.

It was the fifth time that the big Cliff operation had achieved the coveted "100 grand," and nobody even raised an eyebrow when Safety Engineer Angus Harrison did a couple of handstands in the clock alley.

The Copper Cliff men started their march to the 100,000 mark on September 29 and swept past the milestone on October 29. Every man on the roll who had worked during that period received a pair of theatre duets as a token of the Company's appreciation for his safe workmanship.

A double Hi to you, Cliffmen, and may the good safety work continue even unto the end of many more 100,000's.





"Honorable Men Who Have a Proud Record of Achievement"

"You now become members of an organization which has its roots deep in the rocks of this old Sudbury District . . . an organization of honorable men who have a proud record of achievement . . ."

With these words Vice-President R. T. Beattie welcomed the "Class of 1951" at the annual banquet of Inco's Quarter Century Club for members in the Mining, Smelting, and Copper Refining Divisions.

The 49 men who received their membership buttons are seen in the photo at top left of the accompanying layout:

Left to right, front row: F. Discher, Coniston; F. Dim, Garson; B. Devan, Copper Cliff; H. J. Cullen, Open Pit; A. Cullen, Copper Cliff; A. Corelli, Copper Cliff; I. J. Simcox, secretary of the Quarter Century Club; R. L. Beattie; G. G. Condie, Copper Cliff; T. Carruthers, Copper Cliff; C. H. Buck, Copper Cliff; A. Blake, Coniston; M. Bello, Creighton; R. Bell, Copper Cliff; A. Barbe, Coniston.

Centre row: O. L. Dunsmore, Frood-Stobie; A. E. Embelin, Creighton; L. Falcioni, Copper Cliff; S. Finnila, Copper Cliff; P. Franceschini, Creighton; M. Gervais, Coniston; A. Gliberry, Coniston; R. Henderson, Copper

Cliff; F. Imperatori, Copper Cliff; A. Johnson, Copper Cliff; B. A. Johnston, Copper Cliff; D. D. Jones, Frood-Stobie; U. Juhola, Copper Cliff; F. B. Lesrned, Frood-Stobie; J. L. LeBorgne, Copper Cliff.

Back row: I. Zagar, Creighton; L. P. Ve-tille, Creighton; R. H. Thomas, Murray; J. Thomas, Creighton; R. J. Teahen, Garson; M. Sliwczak, Coniston; J. Slwicki, Copper Cliff; U. Signoretti, Copper Cliff; W. Quessrel, Coniston; J. Pidhirnak, Copper Cliff; B. Peterson, Open Pit; W. McNeice, Copper Cliff; D. Majnarich, Creighton; C. O. Maddock, Copper Cliff; P. Lumley, Copper Cliff.

New members of the class not shown are S. B. Pluck, Copper Cliff; S. Fraser, Copper Cliff; A. Lapointe, Creighton; V. Levalet, Copper Cliff; G. Santi, Coniston; G. Valro, Frood-Stobie. The 50th man to qualify for membership this year, M. Nichefor of Coniston, died recently.

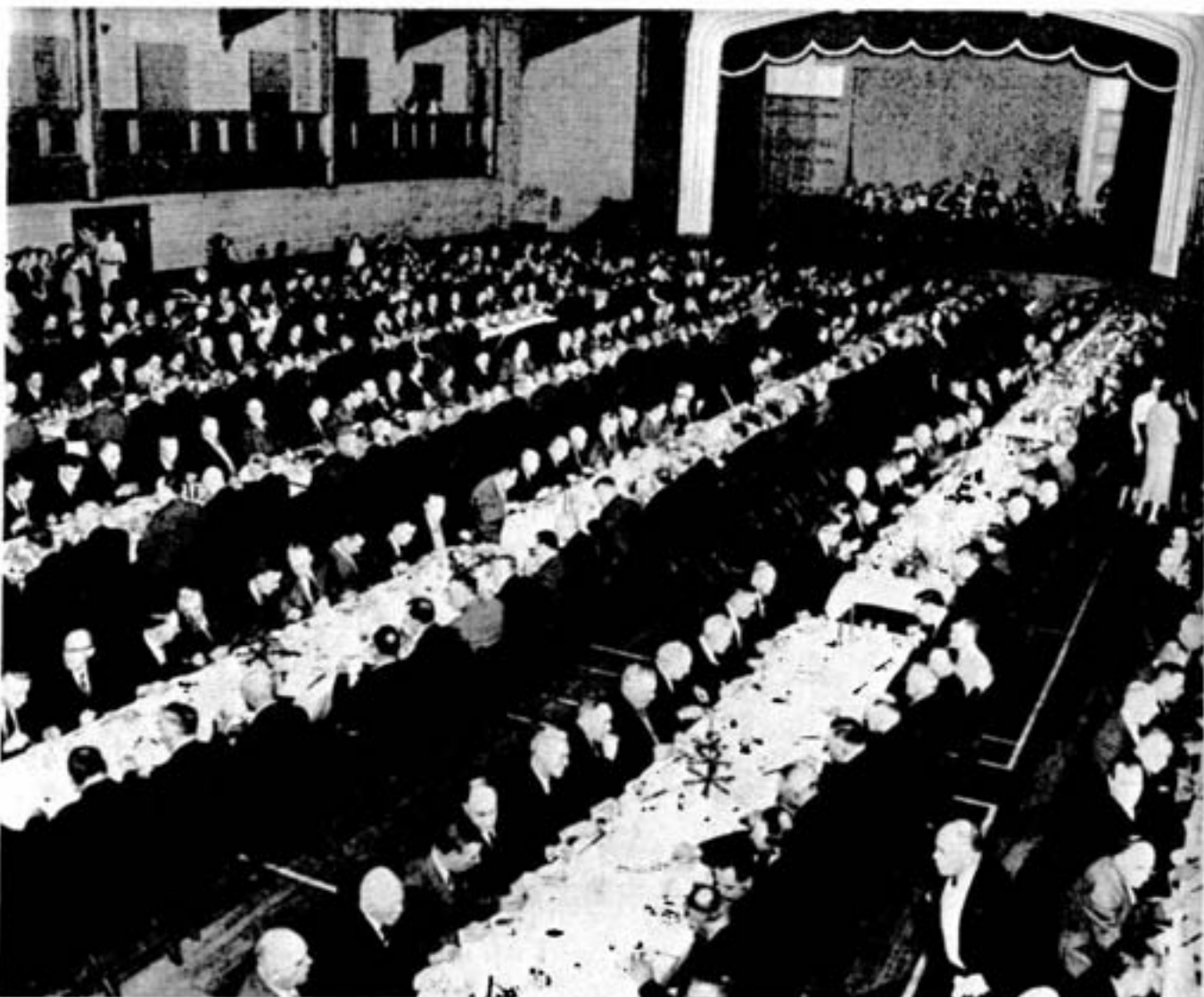
More than 500 members of the Quarter Century Club and Inco pensioners residing in Sudbury District attended the fourth annual gathering, held in Inco Employees Club.

Speakers of the personal associations accumulated at work over the years, Vice-Presi-

(Continued on Page 10)



Huge Gathering at Quarter Century Club Dinner



Almost 550 were served turkey and all the trimmings by the Women's Auxiliary of St. Andrew's United Church at the fourth general meeting of Copper Cliff branch of the Inco Quarter Century Club. Photo shows part of the big gathering. Constellation Band, under the leadership of Dan Totino, played a fine program on stage during the dinner hour. Carl Niemi, young Inco accordionist, assisted a group of Toronto artists in the program which followed the dinner.

"Honorable Men Who Have a Proud Record of Achievement"

(Continued from Page 9)

dent Beattie observed, "In many cases our daily contacts on the job, broadened by our mutual interests in the success of Inco operations, have ripened into friendships which have greatly enriched our lives. There is harmony and goodwill among us and we count that a real blessing, particularly perhaps as we grow older."

"I mentioned our 'mutual interest' in the success of the Company's operations because I believe this is particularly true in Inco. It is within the memory of many here when the Company was in its infancy, battling against all sorts of trials and adversities in the struggle for survival."

"With the aid and interest of these older employees the Company grew steadily, overcoming the difficulties as they arose until it took its place as an organization of world importance."

Younger men had also had a full share in

the Company's development. Mr. Beattie pointed out, because operations had never ceased to improve and expand. Particularly had the younger veterans been active in the recent programs of installing new processes and new plants, new mining methods and new mining plants.

"After all, the growth of Inco from its small beginning to the international position it now holds covers only about 70 years. Because each of us here has had a hand in that growth, we are joined together by a bond of mutual achievement in which we can all take pride."

The vice-president warmly congratulated the "Class of 1951" on completing 25 years of continuous service with the Company. In the panel of pictures on the left of Page 8 he is seen presenting buttons to three of the new members; Svontti Finnila, welder leader in the mechanical dept. at Copper Cliff, who

at 41 was the youngest member of the class; "Dolph" Teahen, drill fitter boss at Garson; Frank Learned, chief planning engineer at Frood-Stobie.

R. D. Parker, asst. vice-president and general supt. of the Mining and Smelting Divisions, proposing the toast to the Company's pensioners, said in part, "This group worked through a precarious period in the Company's history. They worked long hours under less favorable conditions and with fewer facilities than are enjoyed today. They are the people who as a group had a major role in formulating the policies and practices of this great industry. They are the ones we all love and respect, not alone for their contribution but for their character and indomitable spirit that did so much to make Inco the world leader of the mining industry. Pensioners, we salute you and wish for you many years of well-earned leisure."

Mr. Parker revealed that 47 of the 390 pensioners of the Mining, Smelting, and Copper Refining Divisions have attained an age of 75 years or more, and 16 have reached or passed the 80-year mark.

One of these "grand old men" was Tom Harkins of Copper Cliff, seen second from the right at the top of Page 9 as he rose to

Inco Stamp Club Invites New Members



"I'll trade you this British Guiana 4-cent for that French 2-franc." Such is the sort of offer overheard in the buzz of conversation around the table as members of the Inco Stamp Club hold their bi-weekly swapping session.

Pictured above are some of the members, intent on their favorite hobby: seated at the end of the table on the right is C. P. Crofton, the president, and clockwise from him are Don Trotter, Larry Hall, Gary Sutherland,

John R. Hill, George Kerr, Jan Michalski, Dr. Fred A. E. Starr, Don Dixon (1st vice-president), Paul Vildike, John P. Hill, Jerry McFarlane, Pat Kennedy, David Innes, George Hill (secretary-treasurer), and Jack May. In the background, poring over a plate block catalogue, are Harold Crawley and George F. Ross.

A cordial invitation is extended to all Inco employees and their friends to attend the Stamp Club's meetings, either as guests or

permanent members. The beginner is even more welcome than the specialist.

Meetings are held at Inco Employees Club, Sudbury, on the second and fourth Thursday of each month at 8:00 p.m. After the business session an auction is held of material offered by the members, after which trading and late stamp news get the attention of both senior and junior members. Interest in stamp issues, past and present, covers the whole world.

take a bow on his 82nd birthday. In the photo on the right is Ted Myhill of Massey, deep in one of the amusing reminiscences which marked his reply to the toast to the pensioners.

Chairman of the banquet was I. J. Simcox, general asst. to the vice-president, who is secretary of the Quarter Century Club. The roll of the Copper Cliff branch, he announced, has reached 643 members, of whom 358 are active employees.

A Moment of Remembrance was observed for members who have passed on, following which Albert Marson, Toronto tenor, sang The Lord's Prayer.

An eloquent vote of thanks was proposed by Asst. Vice-President J. R. Gordon to the ladies of the St. Andrew's United Church auxiliary, who once again served a sumptuous turkey dinner on artistically decorated tables. Mrs. A. R. House was convener of the splendidly organized project.

At lower right on Page 9 is a picture of the group at the speakers' table: clockwise, H. J. Mutz, general supt. of mines; Miss Agnes Colquhoun, Coniston; R. H. Waddington, general supt. of refineries; Miss Rosemary Owens, Copper Cliff; W. T. Waterbury, asst. to the vice-president; Miss Mary Whalen, Sudbury, pensioner; E. C. Lambert, works auditor; Miss Louise Schofield, Copper Cliff; J. C. Parlee, asst. general supt., Mining and Smelting Division; Miss Ivy Reynolds, pensioner; E. A. Collins, pensioner; R. D. Parker; George Hartman, pensioner; Ted Myhill, pensioner; R. L. Beattie; I. J. Simcox; Thos. Harkins, pensioner; J. R.

Gordon; P. Benard, manager industrial relations.

A smart stage show by a group of Toronto artists under the spell of that nationally-known master of the microphone, Al Harvey, brought the big night to a close.

Even more appreciated than the dinner and program, one pensioner member remarked as he was saying good night, was the opportunity to hobnob with cronies whom he hadn't seen since last year's meeting, and also the chance to shake hands with some of the younger men of the Company who are carrying on the good work. "It's one of the biggest nights of the whole year for me," was his parting thought.

Come, friend, the Season beckons us...

Come . . . side by side, we'll tread the snow-white slopes of Understanding . . . descend, hand in hand, deep into the hidden quiet of the Valley of the Heart.

There, from the rich green grove of Good Will, we'll choose the loveliest tree . . . the tallest and straightest . . . one with boughs unbent by the harsh winds of Hate . . . with foliage

unblemished by the malignant blight of Rancor.

Carefully we'll hew our tree . . . gently will we fell it . . . proudly will we bear it to bright Humanity Square . . . and securely will we set it in a base of time-bonded Friendship.

On the topmost branch we'll place the gold star of Faith . . . on either side of that its silver satellites, Hope and Charity . . . and the remaining boughs we'll sprinkle generously with the rainbow-colored gems of Happiness and Joy.

Finally, around its base, we'll build a stone wall of Courage . . . defense against those who would deny its beauty . . . who would seek its destruction.

And it shall be our Christmas Tree.

—The Furrow.

THEY CALL IT LOVE

George Bernard Shaw once said: "When two people are under the influence of the most violent, most insane, most delusive, and most transient of passions, they are required to swear that they will remain in that excited, abnormal and exhausting condition continuously until death do them part."

Inco's Handsome New Plant at Creighton



Concrete headframe of the new No. 7 Shaft and the new 10,000-ton concentrator at International Nickel Company's Creighton Mine, seen above, went into operation this year. The \$17,000,000 Creighton project is part of a program to boost the annual hoisting capacity of Inco's five underground mines in the Sudbury District to 13,000,000 tons per year, compared with 5,700,000 tons of underground ore hoisted in 1950. The complete program has already involved capital expenditures of more than \$100,000,000. Pipeline in the left foreground carries bulk concentrate from the Creighton mill to the Company's reduction plants at Copper Cliff, a distance of seven miles.

The Nickel Industry in 1951

The free world's production of nickel for the full year of 1951 will approximate 295,000,000 pounds, an increase of more than 10 per cent over 1950, according to a review of the nickel industry by Dr. John P. Thompson, chairman and president of The International Nickel Company of Canada, Limited.

Canadian producers, the review states, were responsible for 275,000,000 pounds, or more than 90 per cent, of the free world's total this year. In 1950, Canada produced 247,000,000 pounds of nickel in all forms.

Reliable estimates of nickel production in Soviet Russia and satellite countries are not available, according to Dr. Thompson, but trade sources believe that the free world's total is several times greater than that behind the Iron Curtain. Dr. Thompson's review continues:

Production Programs

"Measures to maintain this superiority in nickel supply were taken during the year by established nickel producers as well as new potential producers, in a number of instances with government co-operation. These efforts will assure continuance of the amounts now available and are expected also by 1954 to

provide an increase of approximately 30 per cent over that available before the Korean conflict.

"Falconbridge Nickel Mines Limited, Canada's second largest nickel producer, has embarked on an expansion program which its officials have stated was designed to increase maximum production to a rate of 40,000,000 pounds of nickel annually and would require a minimum of three years to complete. At the time of the announcement of this program published figures in the press indicated that Falconbridge's annual output was approximately 25,000,000 pounds.

"Plans of Sherritt Gordon Mines Limited, with deposits in the Lynn Lake area of Northern Manitoba, are said to call for initial production by the end of 1953. Its annual capacity of 17,000,000 pounds of refined nickel is expected to be attained in 1955. The company has entered into a contract with General Services Administration of the United States Government for the delivery of a substantial portion of its anticipated nickel output during the first five years of production. In addition, the Canadian Government is assisting the Canadian National

Railways in the construction of a 155-mile rail link to the Lynn Lake nickel-copper-cobalt deposits.

"In July, 1951, International Nickel announced it had achieved an increase of its nickel production by 12,000,000 pounds annually, well ahead of schedule, through the installation of emergency facilities financed by the company's own resources. These facilities, initiated two weeks after the outbreak of hostilities in Korea, brought the company's current rate of production to 252,000,000 pounds annually. At the same time International Nickel continued to push its long-range underground mine development program which, when completed in 1953, will give the company the largest non-ferrous base metal underground mining operation in the world.

"Early in the year, General Services Administration announced it had completed arrangements for reopening the United States Government's Nicaro nickel plant in Cuba. The plant, with an annual capacity of 30,000,000 pounds, was operated from late 1943 to early 1947. Initial production at the reactivated plant is expected some time in 1952.

"Announcement was made in October that the Defense Materials Procurement Agency in the United States had reached an agreement with National Lead Company for increased production of nickel in the United

States. A new cobalt, nickel and copper separation plant at Fredericktown, Missouri, is slated for operation in the first half of 1953. This is expected to add a total of nearly 9,300,000 pounds of nickel to National Lead Company's production over the next five years.

"Trade reports indicate increased output is anticipated next year from the nickel mines in New Caledonia, in the South Pacific. Operated by the French firm S. A. Le Nickel, it is stated that the mines expect to produce more nickel in 1952 than the estimated production of 13,000,000 to 14,000,000 pounds for 1951. The mines and plants are currently being modernized and further developed.

"In addition to the increased production already foreseeable, wide exploration and prospecting for new nickel deposits are in process by International Nickel and others in Canada, Africa and elsewhere.

Price

"As a result of substantially increased labor and other production costs, the world base price of electrolytic nickel advanced six cents a pound (in terms of U.S. dollars) during the year, bringing the United States base price to 56½ cents (including the 1½ cents U.S. import duty).

Rationing

"Supplies of nickel to industry were rationed during the entire year. In the United States a voluntary program of nickel distribution existed in the first half, based upon defense rated orders plus an equitable distribution of the balance for civilian needs. During the latter half of 1951 nickel was allocated by the National Production Authority from Washington and a metallurgical conservation section reviewed all orders in an effort to minimize the requirements for the metal. In other major countries somewhat similar controls were exercised. The National Production Authority issued order M-80 on September 1, more specifically formalizing nickel control and allocation in the United States. International allocations were initiated during October.

"In addition to supplies for military and civilian requirements, deliveries of nickel were made to government stockpiles. Military and military-supporting demands were large and the impact of these requirements was at times very heavy by virtue of the necessity of filling 'pipe lines' in defense; at such times the supply of nickel for the civilian economy was small.

Scrap

"As a result of the pressure of these demands, a scrap shortage ensued which placed an increased burden on the requirements of new nickel. Nickel consuming industries depend upon a flow of revert and customer scrap which, when unavailable, overemphasizes the demand for primary nickel. A balanced flow of scrap would help relieve present conditions. There is beginning to be evidence that inventories are moving due to the regulated rates of procurement of military material, and greater quantities of alloy and stainless steel scrap should be available.

Uses

"During the year producers and users of nickel continued to attack the task of nickel conservation. Their research, development and sales departments developed ways in which smaller quantities of the metal could be applied for the job at hand.

"Nickel is most generally used as an alloying element. The engineering alloy steels are a vital segment of both civilian and defense economies and are used for component parts of machinery and equipment. Production of these steels in the United States will be approximately 1,400,000 ingot tons higher this year than in 1950. Under the direction of government agencies, downgrading of alloy content has occurred in an effort to make

(Continued on Page 14)

\$1,000 Award Says Merry Xmas To Bill Gowan and His Family



A cheque for \$1,000.00, tax-free, guaranteed a joyous Christmas for Mr. and Mrs. Bill Gowan and family. You see them above, radiating happiness; the children are Billy, 13, Heather, 7, and Robbie, 5. And down below is a reproduction of the little document that produced those 24-carat smiles.



A maintenance mechanic 1st class in the Separation Building at Copper Cliff, Bill submitted a suggestion for improving the scrapers on the separators. On Friday afternoon, Dec. 14, Al Eldridge, secretary of the Employees' Suggestion Plan Committee for the Reduction Plants, presented him with his award, a cool one thousand smackers.

Bill, who has worked for Inco since 1940,

had cashed in on ideas four times previously, twice receiving \$5.00, once \$10.00, and once \$14.00, but now he joins the select circle of men who have won the Suggestion Plan's maximum award.

The big bundle of lettuce arrived at a particularly opportune time for the Gowan family, who are building a home of their own on Donald St. in the new Levesque subdivision. The price of materials had Bill wondering where his next load of lumber was coming from, but he's all set now.

A Merry Christmas to you and yours, Bill Gowan, and a prosperous Suggestion Plan year in 1952!

		THE INTERNATIONAL NICKEL COMPANY OF CANADA, LIMITED No. 1510 <small>INCORPORATED IN CANADA</small>	
MADE IN CANADA December 12, 1951.			
IN PAYMENT OF Inv. \$1292 - Suggestion Plan Award Serial No. 31717		\$1,000.00	
TO THE BANK OF TORONTO PAY \$1000.00 in full			
TO THE ORDER OF		William Gowan, #5815	
RECEIPTS WITHOUT CHECKS AT ANY BRANCH OF THE BANK OF TORONTO			



MR. AND MRS. EARLE C. LAMBERT

44 Years With the Accounting Dept., Earle Lambert Retires

A career of almost 44 years of service with Inco came to a happy ending last month for E. C. Lambert, works auditor at Copper Cliff, when he retired on pension and turned his full attention to the interesting hobbies he has developed to occupy his leisure.

The new stereoscopic photography, at which he has rapidly become an expert, is certain to take a lot of his time, and his colored slides will bring much pleasure to his friends. He is fond of gardening and is an authority on flowers and shrubs. He still plays a sharp game of badminton, is an ardent bowler and curler. Golf, which he shoots in the 80's, has long been one of his favorite sports; he has played more than 60 courses during his holiday trips in Canada and the United States, and can be expected to boost that total substantially as he roams far afield in his travels. Life in retirement will be full, active, and worthwhile for Earle Lambert, you can bet your bottom farthing.

Born at Ailsa Craig, near London, Ont., on Jan. 6, 1887, Earle moved with his family to Sault Ste. Marie when only a few months old. He graduated from high school at 15, completing the four-year course in two years, and then took a job as pulp tester in the paper mill. He was timekeeper when, in April of 1908, he answered a newspaper ad and was hired by F. P. Bernhard of the Canadian Copper Co. as general office clerk at Copper Cliff.

The sulphur smoke from the roast yards near the little smelting town was so bad on the day of his arrival that he was sorely tempted to hop the next train back to the Soo, but he stuck it out, learned to keep a dish of ammonia in his room to neutralize the gas. He boarded at the Central Club, travelled by horse and buggy to Sudbury.

Tennis, baseball and lacrosse became the major sports activities as the town grew. In 1915 Earle was playing manager of the baseball team and brought in such stars as Bert Flynn, Bill Acheson, Charlie Cummings, Sharpe, Robinson and Weaver to build a powerful lineup which won the Nickel Belt championship. Bert says that as a player Earle was very fast, equally good in the outfield, at first base, or behind the bat.

Transferred to the Port Colborne plant in 1922 as works auditor, he was active in the sports life of the community both as player and organizer, and was largely responsible for the success of the Recreation Club.

In 1929 he spent five months at the Company's plants in England, bringing the cost system into line with that used on this side of the water.

The pressure of war production was rolling toward its peak when Earle returned to Copper Cliff as works auditor in 1940, and the Company's operations had increased tremendously in the Sudbury District since his last close contact with them, but he wasn't long in picking up the tempo.

In the past 11 years he has presided over a steadily expanding accounting department which now has 170 employees and functions with text-book efficiency. The scope of its responsibilities is indicated by the fact that its big battery of electric accounting machines now handles more than 30 different classifications of punch-card bookkeeping. There are 15,000 names on the weekly payroll. The amount of ore mined is 35 times what it was when the young man from the Soo started work in 1908. When the present program of underground expansion is completed in 1953, Inco will have the largest non-ferrous base metal underground mining operation in the world.

E. C. Lambert is held in admiration and respect by all who have worked with him. He has always believed in a square deal for everybody, and in the principle that nothing worthwhile is too much trouble. Throughout his long career he has faithfully lived up to this creed.

He was married in 1911 to Miss Bertha Sache, who had come to Copper Cliff the preceding year from North Bay as relieving telegraph operator. Members of their family are Lorne of Toronto, Eleanor (Mrs. Stewart Augustine) of Port Colborne, Roberta (Mrs. W. D. Huggin) of Bowmanville, Louise (Mrs. T. V. Simkinson) of Ottawa, Vance of Kearney, N.J., and Marie (Mrs. Tom Newell) of Detroit.

Mr. and Mrs. Lambert will make their home in Port Colborne.

THE NICKEL INDUSTRY IN 1951

(Continued from Page 13)

more nickel available for jet engine alloys and other components necessary in a defense economy.

Total production of all types of stainless steels in 1951 will be greater than in any previous year, with consumption of the chromium-nickel grades for military uses at a record high. The aircraft industries of the United States, Great Britain and Canada, with their developments of jet propulsion, are taking larger amounts of stainless steels of higher nickel content. Navy, Army and Atomic Energy Commission requirements for these steels for equipment and material have been heavy. In addition, the chemical and petroleum industries have been allowed large quantities for use in the expansion of defense-supporting facilities. Therefore, chromium grades have been substituted, where possible, for civilian applications in an effort to conserve nickel and this has been responsible for the increase in the total output of all varieties of stainless steels.

The age-hardenable series of nickel-chromium alloys, such as Nimonic 75, 80 and 90, Inconel 'X' and Inconel 'W', continue to be used extensively in components of gas turbines and reciprocating engines for aircraft.

Production of heat and corrosion resisting high nickel alloy castings has been substantially higher this year, reflecting jet engine components and industrial furnace demands.

Military demand has necessitated the elimination of nickel-plating for many civilian applications. Since no substantial defense items have appeared in this field, plating usage has been reduced materially from former practice. Conservation efforts have increased interest in the use of plating for mechanical properties and protection against rust, chemical attack and high temperature oxidation, but these applications have not been so developed that plated materials can substantially replace other corrosion resisting alloys. Small gains have been noted in nickel-lined pipe to resist chemical attack, nickel-coated strip for electronics use, and, in England, nickel-coated parts for high temperature corrosion.

The production of nickel silver, an alloy of copper, nickel and zinc, for civilian uses has been curtailed to divert nickel into defense products. This has been accomplished by restricting the use of nickel silver for purely decorative purposes and reducing the permitted nickel content to the minimum required for corrosion resistance and strength.

An instance of one way of spreading the supply of nickel is in International Nickel's new alloy, Incoloy, introduced during the year. This lower nickel-containing alloy is being substituted for one having a much higher nickel content in many heat resisting applications such as sheathing materials for electric heating elements in domestic ranges and industrial heaters.

In conclusion Dr. Thompson states: "For the duration of the present emergency the most important objectives of the nickel industry will be to continue to supply the free world with the maximum amount of nickel and to develop ways and means of conserving the present available supplies."

If you wish to please people, you must begin by understanding them.

—Charles Reade

This Game of Curling

From "The Seigneur"

What is the fascination of the game which makes "Brithers (and sisters) of the Broom" go nuts about it and which turns the most respected citizens into roarin' maniacs who defy the cold and the entreaties of the wife (and the husband) to come home?

Sociability, that is the main secret. Curling brings men (and women) with a common interest together in an intimate spirit of brotherhood, joviality and fellowship that exists in no other sport in the world. A curling team is seldom made up of men or women of the same age or interests, but all are brother and sister curlers.

In Scotland the Duke of Argyle may be playing number one on the team skipped by his groom but the noble duke would no more think of disputing his captain's orders than would a private the commands of his colonel. Perhaps this is the reason that the unwritten rule of no gambling on a curling match is still strictly adhered to all over the world.

This spirit of democracy in curling is pointed up by Sir James Barrie when he describes the day that Dr. McQueen drove Gavin Dishart, the Little Minister, by Rashes-bog while a curling match was on: "I never saw it played before," Gavin said. "When a din they make. McQueen, I believe they are fighting."

"No, no," said the excited doctor, "they are just a bit daft. That's the proper spirit for the game. That's the baronaille near standing on his head and there's Mr. Dutrie off his head a'thegither. Yon's twa weavers and a mason cursing the laird and the man with the besom is the Master of Crum-mathie."

"A democracy, at all events," said Gavin, with a smile.

"By no means," said the doctor, "it's an aristocracy of intellect."

It is a curious thing that in Canada two entirely different kinds of stones are used in different parts of the country. In the Maritime Provinces, Western Ontario and the West, granite stones are used, but in Eastern Ontario and in the Province of Quebec they use iron "stones" or "metals," as they are sometimes called. These are heavier than the regular "stones," but they are smaller in size and for that reason are considered by many players to make possible a more scientific game. Finer draws can be made and narrower ports negotiated.

Sweeping, many curlers will tell you, is the whole fascination of curling—a fascination which keeps many an oddster from the chimney corner and makes ordinarily staid citizens roar like a lion. Bowling on the green is simply summer curling, but any Scot will tell you that it is without salt or savor simply because the element of sweeping is absent. When the bowler plays his shot, he is finished; there is nothing more that he can do, either to make or mar. But curlers, when the stone has left the player's hand, do not stand there dangling bonnet and plume, or broom. The skip issues his commands, or shouts them down the length of the rink; his outcries resound to the girders of the building. The sweepers bend to their task, cringing beneath the lash of the skip's tongue; the player adds his efforts to theirs, running down the ice after his "stane" and talking to it in strange, soothing Scottish terms. Will it reach the hog? Is it to live or die? Over the line the sweepers coax it; inch by inch, foot by foot, slowly forward travels the insensate stone, its path made smoother for it than ever was that of man or woman. "Into the house!" screams the skip. One more effort, brave stone; just a wee bit distance noo. "A bite! A bite!" cries



"THE SWEETEST STORY EVER TOLD" is beautifully depicted with miniature figures in the Inco window in the Loblaw Building in Sudbury during this Christmas season. Almost continually throughout the display hours children and their parents stop to contemplate the humble scene at the birth of Christ.

the player with his last glad breath; the skip's broom is cast into the air; the sweepers, in the zero atmosphere, mop their streaming brows; for a moment ecstasy reigns in their heaving breasts.

"So long as winter brings us cauld,
And hauds the ice together,
The brawny curler will aye receive
A welcome frae a brither."

THE FRONT COVER

Our cover was made possible through the co-operation of Mr. and Mrs. Rene Bourgeault and family of Eyre St., Sudbury, who gave the Triangle camera a preview of their Christmas dinner, turkey and all.

The four attractive children are Paulette, 8, Rene, 5, Jeanne-Marie, 11, and Christine, 2. Their dad is a well-known and popular employee at the Copper Refinery.

PLEASE REMEMBER

... to be as generous as possible to other motorists. If they annoy you, it's probably because they're tired or worried—or just possibly because you are.

... that to the crazy driver in front, you may be the crazy driver behind.

... motorcycleists and bicyclists are mostly young and they're much more vulnerable than you are.

... to be extra considerate to pedestrians. They may include your wife, your children, your parents, your neighbour and, on occasions, yourself.

... old people don't always act very quickly or in quite the way you expect. They don't always hear so well or see so well—which is sufficient hardship without trying to cope with traffic.

... children seldom behave like grown-ups. They are carefree, not careless.

... the dangers of over-confidence. The only way to prove that you drive well enough to avoid accidents is not to have any.

... the car you are driving can, in a tenth of a second, bring a man, a woman or a child to a lifetime of suffering or fatal injuries.

There is no strength in exaggeration. Even the truth is weakened by being expressed too strongly.—Oliver Goldsmith.

Christmas 1951

By JOHN HENDERSON
Talling Line, Copper Cliff

This day we sing the praise of Him
Who left His throne on high
And came into this world below
To suffer and to die.
'Twas in those ages of the past
Before the world began,
The triune God devised the scheme
To save rebellious man.

How beautiful creation was
No mortal tongue can tell,
Before the serpent tempted Eve
And man—a sinner—fell.
Then wrath and judgment man incurred,
His pristine glory gone,
God's image in mankind effaced,
Creation's work undone!

But God could not allow His work
To be frustrated thus;
Hence He devised a wondrous plan
To counteract the curse.
Yet justice—holy and divine
Demanded death for sin;
So God, in mercy, sent His son,
Eternal life to win.

He came—true God—in human form
As scripture had proclaimed;
He lived man's life, He died man's death,
Man's lost estate reclaimed.
And now, from Heaven where he has gone,
(His work on earth all done),
He gives His people heavenly grace
Their earthly course to run.

All this glad news each Christmas day
Proclaims in language plain;
O God, may these truths never fall
Upon our ears in vain.
But make us Thine, good Lord, this day
And oh! Forgive the past,
That we may have Thy "Peace on Earth"
And Heaven our home at last!



19,000 Copies of Triangle Go Out Every Month

More than 19,000 copies of the Triangle are distributed each month. Every employee in the Mining, Smelting, and Refining Divisions receives a copy at his plant, and all pensioners of these divisions get copies by mail. Bundles are also sent to the Toronto and New York offices of the Company, and to Mond Nickel Company, Inco's subsidiary in the British Isles.

Hundreds of employees send their copies on to relatives or friends, so that the total reader coverage attained by the paper would be an advertising manager's delight.

The Triangle is published in two editions, one for Copper Cliff and the other containing a section of news and pictures of particular interest to its readers at Port Colborne.

Setting of type and printing is done in Toronto, and the Copper Cliff edition is shipped to Sudbury by C.P.R. "bullet" freight. Through the unfailing courtesy of the freight shed officials, the shipment is made available promptly on the morning after printing, and its distribution takes place within three hours. The 1,500 copies of the Port Colborne edition are shipped direct from Toronto to the Nickel Refinery.

Accompanying photographs show what happens to the Copper Cliff edition of the Triangle after it arrives at Sudbury, and some of the people who have a hand in getting it to its readers:

Top: The shipment, weighing just over a ton, has arrived in the freight shed. Rolly DesRosiers with his towmotor has moved it to a shipping door, and while Earl Rodda, cartage agent, gives a copy a quick once-over (looking for the comics, no doubt) two hustling operators of General Trucking Service load the station wagon in which the papers are sped to each plant in the Sudbury District: they are Sam Romano and Bert Signoretti.

A large consignment goes to the Company's general office at Copper Cliff. In the mailing room there, under the benign supervision of Jack Buchanan, copies of the paper are folded and whisked into envelopes addressed in advance to each pensioner by the Stencil Dept., stamped and bundled off with the rest of the day's mail. Seen in action in the second picture are Bill Dougherty, Bernice McDonald, (St.) Nicholas Hall, and Gwen Boyd.

The third photograph shows a familiar sight at each Inco plant once a month. This picture was taken at Copper Cliff as the men, coming off shift, picked up their copies of the December issue of the Triangle at the changehouse entrance.

The fourth picture is a typical one too. A Triangle has gone home to the very audience it wants to reach — the family. Leo Frappler, well-known patient "patient" at many an Inco First Aid demonstration or contest, is pointing out his photograph in last month's issue to his admiring family: Norman, 2½, Claudette, 11, his wife, Adrienne, 4, and Edmund, 9.

And that's how the Triangle gets around.

SPECIAL OCCASION

Tramp: Beg pardon, but do you happen to have some pie or cake that you could spare an unfortunate wanderer?

Lady of the House: No, I'm afraid not. Wouldn't some bread and butter do?

Tramp: As a general rule, it would, but you see today's my birthday.