Blanco is new vice-president with Paul Parker retirement

Dr. Jose Blanco has been appointed the Ontario Division’s new vice-president of Human Resources and Administration.

Jose will replace Paul Parker, who has elected to retire effective Aug. 31 after more than 30 years of dedicated service to the company.

Although Paul’s decision to retire is based on his desire to pursue other interests, he has agreed to continue as a consultant to the Division.

Jose is accustomed to the hectic pace the vice-presidency demands.

He joined Inco in March of 1968 in the Process Research department in Copper Cliff, has worked in progressively senior positions in research and has extensive experience in operations.

Jose will turn over the reins as manager of the Copper Cliff Smelter and Matte Processing to Dr. Peter J. Ryan.

Peter leaves his job as manager of the Central Mills Complex to take the new position. He has had extensive experience in Inco’s various Canadian research facilities and served as manager of the Process Technology Department, the Nickel Refinery Complex as well as Central Mills.

Peter joined Inco in 1965 after

Country singer on her way

Most days, Eveline and Glenn Plaunt put in a hard day’s work. Eveline as a matte process operator at the smelter and husband Glenn as a North Mine shaft foreman.

At home, the two perform a function that is now bearing success hard to imagine just a few years ago.

“I have lots of fans, but mom’s the tops there. She’s my #1 fan,” said 25-year-old daughter Loma.

Loma Lyns

Continued on Page 1

Hey, Down Here!

A Dominion Bridge employee gives hand signals to the crane operator as a huge bucket is lowered to the work site. The job was just one of the many projects carried out at Inco as part of the company’s regular maintenance work during the shutdown. The crane was involved in moving parts and equipment for replacing the Number Four Ventilator at the Smelter.

Continued on Page 3

Loma Lyns with mom, her biggest fan Eveline Plaunt.

Parents supply inspiration

Continued on Page 15
Timothy returns to his Inco "roots"

I wasn't exactly deja vu. Timothy Barnes had never been exactly here, under the Superstack, before.

Yet, there was something that separated the youngster from the rest of the hardhatted students as they bounded from the tour bus at the Copper Cliff Smelter. In a way, Timothy had come home.

Timothy reads about Inco occasionally in the newspaper or sees it on television, but he isn't exactly "'bring anything back." And that's a wonder. He was born on Inco premises, 13 years ago, but "moved out" shortly after.

Timothy was the first Canadian born in the P.T. Inco Clinic in Soroako, Indonesia, in February, 1977, only the fourth expatriate child born on the project.

"The 40-bed hospital was under construction at the time," said father John, who accompanied his son on the Oakville public-school field trip this summer. "The clinic at the time was only a bunch of prefabricated buildings linked together, but Timothy was treated great by the local staff. Expatiate babies were something special to the local nursing staff because they hadn't seen them before."

John Barnes, wife Alison and sons Johnathan and Matthew went to Soroako, Indonesia with 300 other employees of Bechtel Canada, the project managers during the development of the project. John worked on the operation in the Bechtel Toronto office for a year before being assigned to the Soroako site in July of 1976.

Alison was pregnant at the time he was assigned overseas, and one of the things he checked with Inco before leaving was whether the local medical staff was willing and able to deliver a baby.

John's only daughter, Laurana, 12, just missed being born in the Inco hospital by a month. "Alison was eight months pregnant when we left in July of 1978," said John. The Barnes enjoyed their time in Indonesia. "I enjoyed working with Inco people," said John. "I suppose my wife and I feel kind of special about Inco and Indonesia since one of our children was born there. I know my wife looks on it with fondness."

John's major reason for going on the Sudbury bus tour was the family's Inco connection, but he also wanted to see "the landscape on the way up."

"I've flown up here several times, but I've never driven to Sudbury before," he said. "It was nice to see the scenery."

As for Timothy, having dad along was a special treat. "It wouldn't have been as much fun without dad," he said. He 'knew a lot of the story.'

Timothy said he enjoyed the tour. "I think the stack is great," he said. "I'd like to take another tour some time."

He doesn't remember anything about Indonesia, but many of his school chums know that he was born in the company's clinic. "But I don't think I want to be a miner," he said. "I'd like to be an accountant when I grow up."

What does sustainable development mean to you?

John Rickard, shift foreman, research laboratory at the Port Colborne Refinery: "Sustainable development is not just a flash in the pan. Being in the research lab and seeing all the money the company's spending on sulphur dioxide abatement, I'd say Inco's committed."

Tom Flynn, superintendent, Mines Industrial Engineering: "It's very important to us as individuals and to the company in terms of our survival. I think we are working very hard toward that end and a lot of it is on our own and not just government-prompted."

Scott Wolfe, operator at the research station, Port Colborne Refinery: "I'm impressed with what we're doing. What Research Station No. 2 is doing will be the basis of sulphur emission abatement for the next decades. For me this is an exciting time to come here."

Vito Pileggi, service boss, Transportation: "I think we improve the environment more than enough. We are doing our best and are starting to get the recognition for it. There has to be a budget concern to all of this and people are beginning to recognize that."

John Patric, computer operator, Occupational Health: "Inco is doing plenty with all the replanting and seeding. It makes the entire area look a lot better than just a few years ago. People can see that from the highway. Local people see that, but I don't know if the message is getting outside the area."

Robert Rutledge, Inco Co-op Program, Transportation: "It's obvious from the change in the landscape around here that we are working at it and that is working. But people have to realize that there's a bottom line to what the company can do and I'm not sure we want to be the one who draws it."

Larry Young, electrician, Iron Ore Plant: "I'm happy with what we're doing. We are doing our best and have made great strides, but I think the company has been forced to clean up. The company responds to every issue that's on the table."

John Taggart, contract administration, General Engineering: "I don't think there's much more we can do. A lot of the work is prompted. It has to be done to meet regulations, but I think the company is showing initiative. We're ahead of the game."

Barbara Dore, summer student, Nickel Refinery: "It looks good by the local staff. Expatriate employees of Bechtel Canada, the project managers during the development of the project. John worked on the operation in the Bechtel Toronto office for a year before being assigned to the Soroako site in July of 1976. Alison was pregnant at the time he was assigned overseas, and one of the things he checked with Inco before leaving was whether the local medical staff was willing and able to deliver a baby. John's only daughter, Laurana, 12, just missed being born in the Inco hospital by a month. "Alison was eight months pregnant when we left in July of 1978," said John. The Barnes enjoyed their time in Indonesia. "I enjoyed working with Inco people," said John. "I suppose my wife and I feel kind of special about Inco and Indonesia since one of our children was born there. I know my wife looks on it with fondness."

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Old friends, good times revisited

Port Pensioners' Day draws over 425

Port Colborne's Pensioners' Day is very important to former Inco refinery employees. More than 425 retirees attended the festivities for some food, fellowship and fun, proving ties they developed at work over the years are still binding ones.

Seated at the luncheon, Dick Corrigan asked Art Shankel what he's been doing. "I play bridge about three days a week. I just wish I could play it every day," they noted that there were more people at the Italian-Canadian Hall than there were working in the plant right at the moment.

In 1984, production of electrolytic nickel was discontinued in Port Colborne. The pensioners enjoy the annual plant tours. They showed interest in the ways their workplaces have improved and changed since they left their jobs behind.

However, say pensioners, some things never change.

As Allan Foulis passed by the mechanical shop, he pointed to a massive lathe. "My father used that same machine when he worked here, and that's a long time ago. I was an electrician here for 37 years," he said proudly. "I'm a little bit of a perfectionist and I'm comforta-

bly on the satisfying years of serv-

ice put in by him and his father.

People unchanged

There have been many millions of dollars worth of makeovers and technological upgrades, too, but the co-workers remain the same. People are still as friendly as ever. As they strolled leisurely through the plant, the pensioners joked and kidded those who are still working about the benefits and idyllic life of the Inco pensioner.

Present employees bantered back, retorting that conditions have never been better inside the refinery.

"Hey, what are you doing back here? Have you been shovel ing it so much the island sank?" someone asked Williston. "Yeah, we came back here to give it a chance to come back up to the surface while we're gone," John countered.

Former towmotor driver Hupert Umple ambled happily about the hall, hardly able to take two steps before being accosted by someone who hadn't touched base for some time. "Where have you been?" he was asked. "I just got back from Texas. I've been there for three months," replied Burt.

Time to enjoy

Bruno Favaro worked in re- ceiving for more than 30 years at the refinery. Now, as business manager for the Italian-Canadian Hall, he made sure his fellow pensioners were having things their way on their day. After making sure all the details were just right, he, too, sat down to enjoy the luncheon with the soul warmed over.

"I'm not worried about her. She knows right from wrong." - Glenn Plaunt

"I play bridge about three days a week, I just wish I could play it every day." - Dick Corrigan

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There’s no such thing as an off-duty fireman, especially if he’s a volunteer.

Willi Beifuss is an operator with 22 years’ service at Inco’s precious metals refinery in Port Colborne. He’s also been a volunteer with the Port Colborne Fire Department for 13 years.

Once that pager is clipped on, he’s really committed to a responsibility, with a valid signal at any time, anywhere.

“When that pager goes off, it’s quite loud — it gets my adrenaline flowing and I get excited and pumped up.” Then the call comes in and knows exactly what’s happening.

There’s a fair share of false alarms, he says, but it could be a real emergency. A volunteer fireman must respond quickly, no matter what has caused the beeper to flare.

Six valiant volunteers from the Port Colborne Fire Department earn a living at the Port Colborne Refinery.

Even without their electronic reminders, the volunteer firemen are always on the lookout for a potential problem. Whether it’s on the job enjoying a vacation, their instincts for trouble automatically kick in.

Fellow Inco employees ask the volunteer firemen what they do. Where does my smoke alarm go? Where should my fire extinguisher be? How can I improve my home’s resistance to fire?

If he doesn’t know the answer, says Willi, he’ll find out from another volunteer or paid fireman. Would their shift mates look to them for leadership and knowledge in times of a crisis?

Randy Auais thinks so. His frequent use of Scott air packs in oxygen-restricted situations would make him a natural leader by example if a similar emergency arose at the refinery.

“Yes, I guess they might turn to us at the plant if there was need to don breathing apparatus. We’re people who can take the heat and keep a cool head during emergencies,” declares Randy. 35, “I’ve just immediate contact with the volunteer fire company and an operator on Willi’s shift with 16 years’ experience.”

As volunteer firemen, we’re also required to have valid first aid certificates. It can come in handy at home and fell. He went into shock, but I knew what to do instantly.”

This clear thinking is the kind of attitude the fire department needs when a general alarm sounds. Fire chief Doug Lockyer says there are 12 to 13 full-time firemen and 57 volunteers in the city’s department. But when a Fireman’s Blaring, the distinction between the paid men and the ones who practise hard once or in the storage area. I have. They are all pulling together, working safely and swiftly to control the situation as a team.

Chief Lockyer says Inco has joined this team when the fire department needs help, whether it’s manpower or equipment.

Brian Heaslip left Inco (Port Colborne’s number three research station) and is now deputy chief of the department, says Chief Lockyer.

“We’ve been grateful to Inco for over the years for their assistance. We’ve had many incidents, like the recent fire aboard the ship Griffith, where we filled up our Scott air packs at the refinery’s Cascade air system. There were 65 guys fighting that fire and we were constantly running out of air.”

The most memorable fire for Leo Jacques was another one on the Welland Canal in the hold of the ship Algosso. The 43-year-old Inco research technician remembers his former chief granting a number of volunteers plant leave, to tackle a fire that took two days to extinguish.

Fighting a fire on board a vessel is somewhat unique to the Port Colborne area, but the canal projects convinced others that he deserved the award. He was the chairman and organizer for the department’s 50th anniversary banquet, a dance in June and a New Year’s Eve celebration.

Along with the other volunteers, paid firefighters and his wife Wanda in the women’s auxiliary, he has helped raise money for muscular dystrophy through bongos, book sales and donations. The department also lights up the sky by sponsoring and holding the city’s Victoria Day fireworks, which were held at Nickel Beach this year for the first time.

Another successful venture arose out of the department’s plans to host an annual Fire Fighters Association of Ontario convention in Port Colborne this August. Chairs and tables were needed to accommodate the 2,000 to 4,000 firemen expected from across Canada for the big event. Close to 30,000 in volunteers funds was raised to purchase 100 tables and 1,000 chairs.

Rather than making this a one-time purchase, the volunteers donated the equipment to the city for use in any event, large or small.

Another volunteer is Al Shaubel. He is both an “alum” and a rookie, says Leo Jacques. Alon, 35, became a volunteer after his 25 years of service.

Another involved volunteer is Leo Jacques, who practised from the fire department.

He’s never looked back and has matched every year at Inco with one fire department.

Leo Jacques is a volunteer firefighter 20 years ago.

“One of my buddies turned me onto it. Being a volunteer fireman was fun because I did doing a service for the city and meeting a great bunch of guys. Ironically, the first fire I ever responded to was at this guy’s house.”

But there’s more to being a volunteer fireman than battling a real hunder.

Willi Beifuss was Port Colborne’s Volunteer Fireman for 1989. His firefighting skills alone didn’t win him that honor. The lieutenant’s desire and proficiency in organizing community projects convinced others that he deserved the award. He was the chairman and organizer for the department’s 50th anniversary banquet, a dance in June and a New Year’s Eve.

A proud member of the steel workers’ association, the Port Colborne Fire Department has been busy since January, working with Randy Auais and others on a 100-page promotional booklet for the upcoming convention.

“Since I was a little kid, I wanted to be a fireman. It took me a little while to get in.”

Linda Borden says she’s now a paid firefighter in Gravenhurst, Ontario. She told me to join my plant eight years ago, but he has been with Inco almost 26 years. His enthusiasm has certainly caught fire since he joined. Alvin has been busy organizing, working with Randy Auais and others on a 100-page promotional booklet for the upcoming convention.

“Since I was a little kid, I wanted to be a fireman. I took me a little while to get in.”

Leo Jacques, Willi Beifuss and Bill Bilodeau test gear.
**Hobby is for the birds**

Inco birder soars with pigeon fanciers

There are only 11 members in the Sudbury Area Racing Pigeon Club and Angelo Anselmo is one of them.

A mechanical technician for 15 years in the mechanical department at the Copper Cliff Smelter, he's a 31-year veteran of Inco.

Angelo played soccer for 25 years around Sudbury. He got involved in pigeon racing seven years ago, when he decided he needed a less strenuous recreation.

He's always been fascinated by birds. "When I was young I always had some kind of bird in the 'Old Country' — once I even had a trained crow," he said.

With 85 birds, 45 of them racers and 40 of them breeders, racers are not good breeders and breeders are not good racers, he spends about 15 hours a week taking care of them during the off season and about 38 hours a week during the racing season.

"A good racer is about 60 per cent of the healthiness and time an answer plus puts into it, and about all per cent the bird," he said. "A bird may be good, but you've got to get him ready.

Unlike wild pigeons, Angelo’s birds are in excellent condition. Every year they are vaccinated for a multitude of diseases such as Newcastle disease and one-eyed cold disease and strengthened on a diet of corn, wheat, barley, peas, buckwheat and other grains. He feeds them in the morning and in the evening.

"A long-distance racer gets an extra portion of corn, a shorter racer a high protein diet," he said.

There are facts about pigeons that many people don't know. Pigeon racing is the national sport of Belgium. A pigeon can fly over 130 kilometers and hour and the first pigeon race was held in Europe more than 200 years ago.

Racing pigeons usually have a yellow circle around their pupils, while breeders have a blue circle. In Canada, pigeon races can earn the owner the winner of a bird up to $10,000.

In Europe the prize money can be even more.

To get his birds into racing condition takes more than just proper food and making sure they are healthy. They have to be trained, said Angelo.

"You cannot train them for eight hours after an electric storm, or when it is very windy," he said.

"Birds need good weather conditions for good training. He begins training them before the racing season starts by driving them out of town and releasing them, letting them find their own way home. These exercises are called "drops," and most of the time they're in their pen waiting for him when he gets back.

"I start these drops at no less than 29 kilometers," he said. "And go all the way up to 50 kilometers. When the racing season starts I give them one drop a week on Wednesdays. The races are on the weekends."

Not all birds return, said Angelo. He had one that didn't get back until six months later. "Somebody must have had him," he said. "because he was in good condition and well fed when he got back."

Although Angelo does most of his racing around Sudbury where he studied from the three-Inco Memorial Concert Band.

In 1988 she was selected one of three finalists in the Sudbury Concert Band. In 1989, she enrolled at Cambrian College.

"Being blind doesn't bother me if I lost my hearing I'd be devansted for it. It's a gift," Natalie said.

Natalie received the award, acquiring several awards and accolades.

Among them is the Brantford Music Club Award, The Brantford Expo Trophy and Scholarship for Outstanding Woodwind Performance, which she captured the last two years.

In 1989 she was selected one of three finalists in the Sudbury Cultural Academy Young Performers Concert Band.

Natalie's latest award and one of her most satisfying. "It means a great deal to me because it will help pay my tuition for university," she said. "I was really touched when I won the award. It was an honor."

Natalie will continue her Music Performance education at the university level this fall. She’s been accepted at Wilfrid Laurier in Waterloo, her preference of the three schools where she was offered. She also applied at the University of Toronto and McMaster University in Hamilton.

"You have to audition for university entry," she said. "I’m praying to learn new material." Natalie’s daily practice schedule reads like an army boot camp: three to five hours on flute, two or three hours on cello, and an hour on violin, an instrument she only began playing this year.

"Slow down a little bit during the summer," she said, "flashing a guilty smile. "But not much."

Not surprisingly, Natalie’s musical preferences are classical, with favorite composers being Angela Coerelli, Franz Joseph Haydn and Wolfgang Amadeus Mozart.

Natalie is horn with an under-developed optic nerve and has never been able to see. "My vision is restricted to light and dark perception," she said. "I can see shadows and that’s it."

At six, she attended the W. Ross Macdonald School for the Blind in Brantford where she sang in a choir. At nine, she began playing the piano, and at 12, the flute.

She graduated from Grade 12 in Brantford in 1988. That fall she returned for a college preparatory year at the Brantford Collegiate Institute. She was also a member of the Brantford Youth Orchestra and the Brantford Memorial Concert Band.

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As Inco gardener Alex Gray had promised, the flower beds around town bloomed in the nick of time. There, in all the glory of floral sculpture, were giant-sized crests of the Copper Cliff High School Reunion.

At Nickel Park, fences were in place, tents were up, lights had been hove, and the main stage was ready. Throughout the region, and on the roads leading to it, 2,000 to 3,000 alumni had begun to beat in anticipation.

Then Friday morning brought with it a mood of despair. It was pouring. But, by the time registrations opened at the McClelland Arena at four o'clock, things looked much better. Under grey but dry skies, at a pleasant 16 degrees, a renewed optimism — when Mother Nature played her next trick. Beneath the seemingly-beautiful park grass, the morning's rain had left a layer that would wait to soak as many feet as it could — and it did a marvellous job. But, the alumni and their friends had the last laugh. It would take a lot more than water to dampen what they had come here to do.

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From his verandah directly across School Street, Transportation Manager Ken Johnson watched the transformation of his usually-tranquil, tree-lined avenue. It could've been a scene from "Close Encounters Of The Third Kind" — a great alien starship returning the crowds of people it had picked up at assorted times over the last 50 years, now allowing only one stop at the one place they might all call home.

Filing through the school building and then outside again toward the big tents, the returning students felt the trip-hammer effect of recognition triggering memories. For some, it wasn't quite instantaneous. A face might seem vaguely familiar, but it took a quick, subtle glance at the name tag to verify. Then, in a rush, it all came back. In any case, exciting things happened.

The special kinds of affection and love formed in high school, it seems, are tucked away in a private little corner of the mind — behind a door marked: "Open only at reunions." That Friday evening in Copper Cliff, many such doors opened wide.

Amid handshakes, hugs and kisses, nostalgic voices filled the evening air.

Opening Ceremonies

The inscription above the main entrance reads: "A.D. 1937."

Built at an initial cost of $200,000, Copper Cliff High School opened with five rooms and a staff of five. In 1980, its life as a secondary school came to an end, a casualty of big-school economics.

Now, a decade later, host Jack Cumilucci introduced the organizing committee and a number of special guests, to begin the reunion's opening ceremonies. Against a growing cacophony of jubilant voices throughout the park, each of the seasoned speakers extended their welcome by sharing a few memories of their own — and by taking playful verbal jabs at each other.

Regional Chairman Tom Davies (class of '51) led off with a roast of the others, followed by Sudbury Mayor Peter Wong, who, although not a CCHS alumnus, was nevertheless 'aware of the school's reputation for excellence.'

Alderman Peter Dow reminded everyone that the spirit of Copper Cliff was still very much alive and Inco's Ontario Division President Bill Clements (class of '49) spoke warmly of this chance to rekindle the best years of our lives.

Jim Smith (class of '52), Sudbury School Board's director of education, invited his old friends to "reminisce and tell a few lies." Riding the
Admitting it’s a challenge to adjust to his changed world, Sun added: “Thank God for my music and my wonderful wife.”

Still toting the pipe that had been his trademark in Sudbury, Peter Crossgrove drifted casually from one group to another. Someone asked what he’s doing these days, and Peter just replied: “Nothing.” Showing their wisdom in wearing matching duck boots, Carol and Ron Pagan ignored the soggy ground as they made their way across the decades in greet long-unseen friends. More than once, a burst of laughter was followed by: “Ronnie, you haven’t changed a bit!”

Day two

Saturday morning, Mother Nature got up on the wrong side. It rained with a vengeance for several hours, resulting in the cancellation of children’s games and the oldeimers’ ball game.

The announcer bravely suggested for a while that the baseball game would be rescheduled to Sunday, but the irrepresensible Yacker Flynn chuckled: “It was hard enough to keep all these characters in one place for one day. Two days? Forget it.”

Both Yacker and his niece Dianne were kept doubly busy helping run the show and patiently answering concerned queries about Herk, Dianne’s dad. Scores of friends knew it would take a lot to keep Herk away.

Ignoring the rain, the alumni returned slowly at first, then in larger groups, unable to resist proving that “old friends are like gold.”

Under the big tents, groups were in a state of constant flux. People would talk, laugh, hug and show pictures in one cluster, and then individuals would move to another group, only to be replaced by new faces. The Newell brothers were as popular as ever, and some guys who shall remain nameless, of course, were still grateful that Doug Ogston’s such a good-natured fellow.

It was as if things had reverted to a gentle version of the high school version of the school pecking order. People would talk, laugh, hug and show pictures in one cluster, and then individuals would move to another group, only to be replaced by new faces. The Newell brothers were as popular as ever, and some guys who shall remain nameless, of course, were still grateful that Doug Ogston’s such a good-natured fellow.

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And then, adieu.

Bowing to Copper Cliff perseverance, Sunday’s weather was sunny and beautiful.

Following the morning breakfast, with hearts and bellies full, the old friends gathered for the reunion blessing — and, reluctantly, for the closing ceremonies. After so much genuine fun, so much reflection on the enduring values in life, saying farewell had never been harder.
Cranes dot the Inco skyline as the Sulphur Dioxide Abatement project progresses at the Copper Cliff Smelter.

An Inco Transportation crew member puts down new track.

A huge oxygen pipe is maneuvered into place for installation at the smelter.

Two huge heat exchangers for the Sulphur Dioxide Abatement project draws praise

Nervous start makes summer

He may have been crossing his fingers under the table, but Victor Englesakis was a picture of confidence as he spread the photographs of the summer’s Sulphur Dioxide Abatement project work on his Smelter office desk.

“We completed all of our shutdown work on schedule,” he said with only the slightest hint of relief. “There was a fantastic amount of work done and we accomplished all that we had planned as well as a lot of additional work that came up as we went along.”

The Project Services superintendent displayed an unruffled nature, handling a deluge of phone calls and inquiries with unflinching ease.

Things weren’t always that calm in the office. There was a time this past summer when things didn’t look good at all.

A labour dispute over contract agreements between contractors and their pipeliners and electricians had resulted in a strike by these two trades which meant that some work was already behind when the shutdown began. As the strike continued into the first week of the shutdown, disaster loomed larger and larger on the Inco horizon.

“For a few days there, we were all in a cold sweat around here. Sure, there was contingency planning but all alternatives were costly and disruptive. It was a matter of days before we would have to fall back to one of these unattractive alternatives or else run the risk of missing the deadline on the abatement project.”

Extending the shutdown, a second shutdown later in the year and other options were considered.

“Problem was,” said Victor, “it was critical that some of this work be finished during the shutdown. We couldn’t have done it any other time. This was the only window we had. This is work that ties in with existing facilities and those facilities have to be shut down to do the work. Electrical power tie-ins by the Utilities Department and railway track relocation and extensions by the Transportation Department are the kinds of things that could only be done during the shutdown.

Once the dispute was settled, however, work went ahead at a fast pace. “We worked 60-hour weeks, six days of 10-hour shifts,” said Victor.

“At the peak, we had about 640 people on the project at the smelter alone, all going full speed ahead. There were no serious mishaps and...
The huge acid storage tanks get a paint job.

The Sulphuric Acid Plant stack alters the Inco skyline.

A workman toils near top of new Acid Plant stack.

A new acid plant is seen from huge pipe soon to be installed.

project's success sweeter

A lot of extra work was done as the need arose.

In one case, a 16-inch diameter pipe carrying oxygen to the smelter from the oxygen plant which was to be relocated was found to be corroded and had to be replaced. There was a last minute scramble to find, deliver, fabricate and install it, he said.

"All that, despite the fact that Inco's regular shutdown maintenance work was going full tilt at the same time. Careful planning and scheduling of all work paid off handsomely. I think we can be proud of what's been accomplished here."

Although the project, as a whole, is still behind in the electrical and pipefitting work because of the eight-week long strike, Victor is confident that the lost time will be recovered.

Engineers for the Sulphur Dioxide Abatement work are Davy McKee, while Wright Engineering is responsible for construction and management. Inco's own General Engineering Department, Maintenance, Utilities, and Transportation Departments also contributed toward the shutdown work.

Inco people also contributed to the project's success, he said. "Our people did a lot of work as well. Transportation and Utilities were involved in shutdown work. We had to take a rail line to the new load out station at Froom. Overhead power lines had to be installed."

Considering the obstacles Inco has overcome this past summer, he's enjoying the luxury of breathing easy these days.

Smelter Plant Manager Jose Blanco (since appointed Vice-President of Human Resources and Administration), in a letter of appreciation to all involved, stated that he was "truly impressed not only by the magnitude of the accomplishment, but also by the fact that all obstacles that may have interfered with a smooth start up were removed."

"This cooperative behaviour and teamwork will continue to protect our production and go a long way to assume the successful construction and start up that we all look forward to," the letter states.

There shouldn't be a chance of repeating this year's edgy nerves, thinks Victor, because the first phase of the project is by far the most critical. "Most of the work scheduled for next summer will not demand such a critical window of opportunity," he said. "By next shutdown, the first phase of the program should be completed and the new facilities will be ready to be started up."

"That," he said, "will present its own challenges."
Like just about every other Inco barbecue this year, the Divisional Shops event was chased indoors. This tent remained empty.

**Nickel Refinery bucks the trend**

Barbecues bring good cheer

The Divisional Shops barbecue was another in the long list of washed out affairs this year, but the Nickel Refinery bucked the trend and held theirs under sunny skies.

"The big tent we set up outside ended up being completely useless," said Controller Al Massay, one of the organizers of the first Div Shop barbecue. "It poured and we ended up moving indoors."

Luckily, they had the foreman.

Picnic tables were brought inside and set up in the aisles and in the warehouse, and from the mountains of food that disappeared from plates, everybody had a good time.

"We had about 100 people participate," said Al. "We always try to have some kind of event every year, but this is the first time we've held a barbecue." The folks at Divisional Shops have a more difficult time organizing such events, since many of the shops are "scattered" throughout the Sudbury operations.

About 100 people are relatively close by at "Shop's Alley" at the smelter, but another 40 are located at Creighton.

"We had to bus them in for the barbecue," said Al. While a social function can be more difficult to stage, employees get a extra kick out of it. "Some of these people rarely get to come in here, and many people here don't get out to our area shops," he said. "This gives them a chance to get together."

At the Nickel Refinery Complex, about 300 people lined up to watch supervisory staff including complex manager Allan Bile dish out the chow.

Like the Div Shops affair, buses were required from the Transportation Department to bus in employees from the far reaches of the massive complex.

Unlike the Div Shops and just about all the other barbecues held this year, it was sunshine and shirtsleeves in the chow line.

"We beat the odds this year," said Richard Stanko, safety supervisor at the complex and one of the organizers of the event. It was the second annual barbecue for the complex and Richard said that next year the annual Family Safety Day may be combined with the barbecue into one major event.

Lunch among the shelves in the Div Shops warehouse.

General Foreman of Nickel Products Wayne Leavoy, Operations Superintendent Clive Lewis and Process Technology Superintendent George Tyroler are pressed into new service at the Nickel Refinery barbecue.

Centred in the picture, machinist Ron Menard serves Gerry LeFleure the chow.
Financial Analyst John Forsey braves the drizzle.

Revealing a healthy appetite, Alex Miglioranza of Transportation, George Canapini of Capital Accounting and Janie Bozic of Employee Relations gather the goodies.

Patricia Hodden, daughter of Richard Hodden, and Angela Labelle with full hands at CCCR Family Day.

Paul Howard of Computer Services, Personnel Superintendent Vince Orlando, Salary Administration Supervisor Frank Grieve, Computer Operator Patti Larouche and Salary Administrator Brian Bertulli wait to move up the line with plates in hand.

General Offices, Copper Refinery BBQ

It was another good year for burgers on buns as hundreds turned out for both the General Offices Barbecue and the Copper Cliff Copper Refinery Family Day this year.

Continuing this year's tradition, rain kept celebrants inside at both events.

At the general offices, a drizzle kept most indoors, but over 400 staff and employees demonstrated by the size of their appetites that they work just as hard as any Inco employees anywhere.

According to Safety and Training secretary Laura Diniro, it's only the second time General Offices has joined the annual barbecue ritual.

It was Laura who was instrumental in setting up the event in the first place and she's glad she did.

"Everybody enjoys it," she said. "Many people who work here don't get to work out in the field, so they sometimes feel like they are overlooked."

At the Copper Refinery's Family Day, the weatherman sent a steady downpour and more than 1,000 people deserted the tent set up outside for drier climes inside.

"Everybody had a good time regardless," said Copper Refinery Training Supervisor Gerry Dennie, head of the organizing committee. "We try to have the event every two years. It's a good way to let employees' families see where mom and dad work."

Many pensioners turned up as well to greet old friends and to see how the workplace has changed.

"The weather was horrible," said Gerry. "Even the tent leaked, but it didn't dampen any spirits."

He said the schedule went as planned and everybody enjoyed themselves. The program included tours, lots of eats and handouts including seedlings supplied by Inco's Agriculture Department.
Night lighting adds a new dimension to the landscape and can be used to create a very special effect. One reason for lighting in functional, for increased security and safety along paths, steps, around obstacles and on decks and patios. Another reason is decorative, to introduce a dramatic effect with silhouettes and shadows.

When properly installed the new low-voltage lighting systems are, safe, easily relocated and produce a high quality light. The basic rule of creating an outdoor lighting design is to create an effect without highlighting the source of light.

Lights may be used in various ways to highlight an object or direct light, illuminate along walkways or paths underfoot or to produce a special twinkle effect or be an attractive source of light to special fixtures. Lights may be placed in the ground shining up into a tree (especially one with a unique trunk or branch shape) or along the base of a walkway. They may be shining down to the ground, suspended from within a tree or the top of a walkway, behind trees or shrubs or reflecting off or shining up through water. Lights may also be put at a low level along a path.

Installation

Specialty suppliers have the necessary materials. Basic parts are outlined and several options are available. A transformer is required to reduce a 120-volt household current to the 12-volt current required for the low-voltage lighting systems. Transformers may or may not be rainproof. Some plug directly into an approved outdoor receptacle while others may be attached directly into the house wiring. (Electrician may need to be consulted). Ensure that the length of wire and the number of fixtures are what is recommended and approved for the transformer. Not using specifications may cause dimming of the lights or overheating of the transformer. The transformer should have an over-current safety switch and be properly mounted. A timer or a remote control switch is optional. Never use extension cords for operation of the lighting system.

Experiment with the placement of the fixtures prior to burying the wire (prevent any tripping hazards). At night look at the effect you have created from outside of your property and from inside the house. Fixtures may have quick connect clamps or require individual wiring connections. Barry the wiring five feet to eight feet in the ground. Leave approximately 30 cm of slack in the cable, per fixture, to allow for future adjusting or movement as requirements change or as plants grow.

Keep in mind that numerous, small lights create a more dramatic effect, compared with fewer, stronger lights. Create depth in the landscape by placing lights behind a pool or deck. Have separate switches for main outdoor lights so they can be turned off when necessary. Colour filters are not as effective or natural in night lighting. Use only approved submerged fixtures and connections in wet areas or under water.

Leaf "Miners" Eastern white cedars or arborvitae is commonly found throughout the Great Lakes-St. Lawrence Forest Region. Cedar leaves are scale-like, in groups of threes and cones are oval, woody, and one cm in length. White cedar grows best on limestone-based neutral or alkaline, moist soils. They will not tolerate acidic soils.

White cedars are slow growing and will live for hundreds of years. A common pest of Eastern white cedar is the cedar leafminer. Eggs are laid by adult moths on the green tips of cedar twigs. Larvae hatch and tunnel within the scalelike leaves and feed by mining within the foliage eventually causing the branches tips to turn brown. Dead twig's are easily broken off. Adult moths are tiny greyish white moths that emerge in clouds from June until the end of July. Cedar leafminers have one generation per year.

Eastern white cedars will withstand a lot of lenimin injury before significant damage occurs. Spraying for control is not necessary. Clip off branch tips ofstedled trees before June and destroy the egg's. Full cleanup of fallen branch tips is also important.

Dear Sir:

Just want to let you know how much I appreciate receiving the Inco Triangle and the In Touch magazines which are of great interest to me. I appreciate receiving the Inco magazine and we enjoy a poster of Inco's 1990 edition of the magazine. May edition of Inco. Thank you for the great donation.

Sincerely,

Marguerite Gall Drehl
Lloydminster, B.C.

Dear Sir:

We would appreciate receiving a poster of Inco's 1990 environment advertisement as stated in the May edition of Inco Triangle. We always look forward to receiving the Triangle and we enjoy the photographs, especially the coloured ones.

Sincerely,

Mr. and Mrs. Z. Szlagowski

Editor's Note: We regret to say that due to an unpredicted demand, we have no posters left. Thanks for your interest.

Dear Sir:

I was particularly pleased to see the fine example set by one of the female employees at Inco who asked a tough scientific question. She set a fine example for our female students who were somewhat reticent about speaking up in a large group. I did not get her name but I’ve enclosed a picture of her for your interest.

Inco has once again demonstrated its corporate citizenship towards the community of Northern Ontario and to the students of the North. In my enclosing a journal Faced with the challenge of linking education and employment with the hope that Inco and the school system might continue to develop meaningful relationships that would benefit both school systems and Inco.

There can be no greater public service than that which develops the minds and spirits of our young people. Inco’s contribution to our Mini Course Conference did just that.

Sincerely,

(Mrs.) Paula M. Barber, Chair, Midnorthern Region, Employment Co-ordinating Committee

Dear Sir:

The One: Eleven Seniors enjoy keeping up to date with the many activities of the Inco Co. and pensions and reading the varied and interesting articles published in the In Touch magazine. Thank you for the great donation.

Sincerely,

Colette Lalonde
Information Coordinator

In Your Yard...
Light Up Your Landscape!

Ellen L. Heale, P.Ag.

$12 M expansion underway at Inco R&D laboratory

Construction began recently on a $12 million expansion of Inco Limited’s main research and development laboratory at Sheridan Park in Mississauga.

Inco’s J. Roy Gordon Laboratory, built in 1965, was one of the original participants in the large modern exploration programs of Toronto that accommodates a score of independent research and development laboratories.

Dr. Malcolm Bell, vice-president responsible for research and technology development at Inco, said the first phase of the expansion will involve construction of a new mini-plant that will assist in the development of new process improvements at Inco’s Canadian and Indonesian nickel-producing operations.

“Furthermore, Inco is increasing its research effort directed to the development of new value-adding processes, including new forms of nickel powders and advanced materials such as nickel-encased fibres and particles.”

The laboratory expansion will permit an increase in research programs related to the development of new nickel plating processes as well. Research into new economical methods of extracting nickel from laterite ores from Indonesia and other parts of the world has been renewed and is escalating.

Inco also maintains research programs aimed at improving productivity and safety, increasing metals recoveries, enhancing workplace conditions and protecting the natural environment at its primary production facilities in Canada, the United Kingdom and Indonesia.

Ag department’s flowers brighten Inco’s facilities

If summers at Inco seem to be getting a little more pleasant every year, it may not be your imagination.

Inco’s Agriculture Department is getting just a little more effective each year with its beautification program.

Inco gardener Alex Gray reports that around 40,000 plants were added to the scenery at plants, mines, office buildings and parks this year.

All flowers were grown in the department’s Copper Cliff greenhouse as early as January, and the outdoor planting began at the end of May for the summer gardens.

Flower beds were not practical in some areas such as the smelter, so Department Nature centres used around 200 patio pots to get the effect they wanted.

Alex reports that the flowers will keep blooming until the first frost, which could come as early as mid-September or as late as November.
The Triangle 13

Brian Scott, left, seems to be helping Felix Ventresca line up his next shot.

Port golf tourney draws 60

More than 60 pensioners and employees sheered, drove, hacked and chucked their way through the challenging Risers View Downs golf course recently at the annual Port Colborne Refinery golf tournament in Foswick.

The weather was perfect, as intermittent clouds kept the sun from sizzling on the greens. A refreshing breeze swept in from the west along the Chippewa Creek, which runs through the club.

Coming in with first low net was Tom Marshall. Pete Labrie finished with first low gross. Second low net and second low gross were claimed by Brad Marshall and Bill DeKonring respectively. Chalking up third low net was Paul DeKonring.

Nick Markovich kept his par down for third low gross. Nearest to the hole winners were tournament chairman Les Leigh and Bill Okanik.

Del Fraiponi was in fine form with the tournament's longest drive.

Players enjoyed a steak dinner and prize presentations after the game, which provided present employees and pensioners an chance to renew acquaintances and swap humorous golfing lore.

It was a world war that first motivated employees to enlist in Inco's suggestion plan. Suggestions increasing productivity were seen as a way to deliver a blow directly at the enemy.

More than 45 years later the plan continues to contribute in a different kind of fight, the continuing battle to capture and hold the high ground in the fierce, competitive battle for a fair share of the market.

Starting in August, there was a new recruit.

"It's the first time we've come up with a logo to go with the program," said Suggestion Plan Supervisor Denis Lepage. "It's an idea that we hope will give a higher profile to the plan and keep the competitive edge."

Denis said he's been toying with the idea of a logo for the plan for some time, but it wasn't until Jiggs Sauve of the smelter training department came up with a logo idea that the idea was taken seriously.

"He (Jiggs) approached me with a drawing and I figured it fit perfectly," said Denis. "It was an inspiration that's going to work out well."

The logo will be used on all suggestion plan material and paperwork, and Denis hopes that it will eventually become synonymous with the plan.

Stickers have also been created, and they will be distributed to every employee who submits a suggestion.

"I'd like to see the stickers start to appear on lunch pails and bumpers all over the place," he said. "We want the plan to develop an even higher profile than it has today. We want our people to become aware of it and to display the logo with a sense of pride."

Denis figures the increased visibility will not only give the plan increased recognition, but will be a constant reminder to employees that their ideas are welcome and appreciated. "It should remind people that we are there waiting for their good ideas," he said.

"It's not that there's a slump in the plan. It's grown not only in numbers of suggestions submitted, but in quality and scope as well. Company awards have matched employees' enthusiasm as well. The top award of $1,000 in 1943 when the plan began has grown to $10,000 today."

"Maybe this logo will help us boost participation even more," said Denis. "We have lots of participation today, but that doesn't mean there can't be more."

A preliminary canvass of employees has already shown enthusiasm for the little guy affectionately tagged "Ivan Idea."

"Most people like him," said Denis.
The copper smelting complex that has remained this area's 'Rock of Gibraltar'.

Getting serious

With the formation of the International Nickel Company in 1902, bringing the Canadian Copper and Orford interests under one umbrella, the smelting of Sudbury ores became much more focused. When the Clergue empire crumbled the next year, there remained only Inco and Mond as serious entries in the field — Inco at Copper Cliff and Mond at Victoria.

That year, Inco commenced building its first modern, largescale smelter. The main blast furnace building was essentially what we now call the Old Orford building and it had two 210-foot stacks. Just beyond its northern end was the 1,200-horsepower steam powerhouse. The converter building was directly across the road from the furnaces, about where we now find the Smelter Technical Services building. What we call Number One Substation was born at the same time, initially providing air to the furnaces and converters and later acting as the receiving point for the new power line from High Falls. In 1906, if you've ever wondered why that big overhead air line goes so darned far through the smelter yard, from #1 Sub to the converter building — well, the sub was there first.

"Shops Alley" has remained in about the same place, but the buildings have changed a great deal. There was a big pond where today the five converter building sits, east of which they later built the old roaster/reverberatory plant, put into service at the end of 1911.

Before that 1904 construction was finished, however, both the West smelter and the Ontario Smelting Works were badly damaged by fire. Fortunately, although Mond was tough competitor, they were not opportunists, so they contracted to handle varying amounts of Inco ore at the Victoria Smelter until 1908.

In 1907, the Dominion Nickel-Copper Company was organized by the Booth and O'Brien interests. Numerous properties, including the Murray, were acquired in succeeding years, but none reached commercial production — until they were turned over to the British American Nickel Corporation (a temporary organization called the Canadian Nickel Company) in 1913.

Speaking of 1913, it was in May of that year that Mond opened its new 1,000-ton smelter at Oranmu (it closed in April of 1972). In 1917, British American Nickel broke ground for its new smelter at Murray and its first furnace was blown in on January 17, 1920. A victim of the postwar slump, keen competition from Inco and Mond and of course financing difficulties, BANCo went into liquidation in 1924. Earth Day’s on Inco

Inco donated about 600 seedlings to CJMJ Radio for the Earth Day tree planting event recently. As left, Lisa Koski, daughter of Creighton Miner John Koski plants a seedling appropriately, beside a burned-out stump with CJMJ employee Shirley Harvey.

Drilled hailed

A prototype, capable mini-jumbo drill now being tested in Thompson Mine is the only one of its kind in the world. The single boom jumbo drill can be driven onto a cage, driven off at the desired level and then used to drill both lateral holes as well as backholes for rockbolts.

Peter Ryan will be filled by Clarrabelle Mill Superintendent Michael A. Throssell. He joined Inco in 1970 in the Process-Technologies Department of the Fosse-Stohie Mill and has extensive experience in Inco's mill operations.

Praise for Inco on environment

Congratulations, Inco Ltd., states the Ontario Mining Association newsletter "Mining Matters." The congratulation was for Inco's winning of the "Green Star" award.

The vote was one of 16 industries and businesses chosen by the Financial Post as worthy of the award "for its genuine corporate concern for the environment."

Keeping Inco company were Hewlett-Packard, Loblaws, DuPont Canada, The Body Shop, IBM and Dofasco, to name a few.

New VP

Continued from Page 3.

graduating with a Ph.D in Physical Chemistry from the University of Toronto and post-graduate studies in electrochemistry at the University of Cambridge in the United Kingdom.

The position Peter is vacating...
Inco customers give the goods on Inco quality

The Ontario Division doesn’t make widgets, watches, or Ninja Turtles.

In fact, we didn’t directly make anything that was a hit in our back yard (or consumer) would find in a store or on a showroom floor. Our products are raw materials — nickel, copper, cobalt, sulphur and a variety of precious metals — packed and sold in large quantity. So, where do all those milllions of pounds go?

Regional sales manager in our Pittsburgh office, Dick Billin, recently offered the best kind of answer. He had planned to visit Copper Cliff with senior executives from three different US companies, and was happy to let the Triangle tag along. The visitors were more than willing to help shed some light on the end use of Inco products.

The Ontario Division hosts such events. Fred-Stobie-Garson Committee Manager Graham Ross and Consultant/Office Manager Allan Railey. At a get-together reception, host and visitors swing easily between casual and business topics. These opportunities for Inco progress on safety and the environment — and the kindred spirit that Graham Ross found in Mark Miller.

With tours of Stobie, Fred-Stobie Mill, and the CNR set for the next day, the opportunity of life to learn about the three companies.

‘Finished’ Products

Besides iron or copper metal ingots, a harvest of what a piece of Steelcase office furniture, a magazine rack at the neighbour- hood convenience store, not to mention a well-known Huffy bicycle or a Sears appliance. The chances are very good that the gleaming finish was applied by State Plating, based in Ed- wood, Indiana — using Inconickel. And, of course, they even do the plating of fishing tackle.

Mrs. Michelle Heiser, treasurer of the fast-growing company, explained: “We don’t manufacture rings ourselves. Other companies send us their ‘raw’ product, and we do the plating.”

State Plating is one of the largest nickel-chrome job shops in the United States,” said Mark Miller, vice-president. “It’s big business. Without giving away any trade secrets, we can say that State Plating tanks contain about 150,000 pounds of nickel at any one time.

Covering a market that extends north from Dallas to Omaha, and then all the way to the East Coast, State Plating’s 400 employees put out enough plated items to fill 45 semi-trailers every day. They do their own tracking, so they can offer service that complements the customers.

The Heart of Steel Country

The Ellwood Uddeholm Steel Company’s melting facility is in New Castle, about 60 miles north of Pittsburgh. It is a classic case of a new plant exceeding its par- ent company’s original expectations. When the Ellwood group bought an old plant and turned it into a state-of-the-art melting opera- tion, the plan was to meet its own need for high-quality, semi-finished alloy steel ingots.

“Today,” says Bruce Peterson, vice-president of Purchasing, “our steel goes.”

E-U’s bread-and-butter busi- ness is right up to its elbows in high-quality product. Justly proud of his company and its hard-earned success, Peterson stressed: “Ours is a high-tech shop, and our main niche is producing modern, ultra-clean alloys.”

Progress Made

If the name PCC Airfoils, Inc., rings a bell, you might be an aviation enthusiast. PCC Airfoils is in the jet engine business. That business is right up to its elbows in precision engineering.

The Triangle 15
Just Sailing in the Rain

Good winds and stiff competition made this year's Inco Regatta a success as more than 40 boats and 60 competitors unfurled sails on Ramsey Lake. Inco provides trophies as well as the inflatable buoys used as turning marks on the course. Inco people were among the competitors and the 20 volunteers who made the event a success.

Support Reward

Cambrian Foundation Executive Director Karen Shaw presents Inco's Ontario Division President Bill Clement with a plaque at the launching ceremony of the Investing in Our Northern Heritage campaign. The plaque was awarded to Inco in recognition of the company's record of support for the community, including the recent presentation of $1 million toward a student residential complex at the college.

No Pipe Dream

The task of keeping miles of Inco piping in good working order is a never-ending job that demands careful monitoring and maintenance. At left, welder Guy Bellerose patches a 20 inch line that carries slurry from the Booster Hill Station to the tailings area. Above, maintenance mechanic Joan Johnson gives Guy a helping hand.

United Way time... already!

It's over a month away, but some people are already gearing up for a repeat of the traditional United Way campaign. "Not yet, but getting close to it," said Bob Todd, co-chairman of the campaign for the past three years.

He's not sure what his involvement will be this year, but he'll be in at least an advisory position when this year's campaign gets off and running in October.

"This annual rite of the fall season has become an important part of our working lives here at Inco," said Bob. "Once a year the employees look a little beyond our own needs to the social and health care needs of our community through our support for the campaign."

He said that last year, employees achieved a new level of excellence in support for the community. "We were expecting to raise $200,000 to surpass the previous year's figure by $3,000, but much to the surprise of the United Way folks, we raised a total of $212,000." On top of that, he said, Inco pensioners added another $10,300.

He said preparations for this year's October campaign have already begun, with the central coordination for the canvass already underway.

"If it isn't broken, why bother to fix it?" Last year's campaign marked a major shift in how the in-house campaign was run, moving away from a centrally-organized and operated drive to a more localized campaign that gave the initiative back to the individual plants and mines in the division.

"By appealing to both the team spirit at mines and plants as well as friendly competition between them, last year's drive was a resounding success, say organizers."