

Plant Modernization Plans Announced

Northwestern Steel and Wire Company has begun a \$4 million capital improvement project in the Wire Products Division, which will be completed during fiscal 1987.

A major portion of the total expenditure will be used for the construction of a new cleaning house for rod, which will utilize the latest high tech equipment in the new and larger facility.

Plans also call for the purchase of new wire drawing machines and the updating of the Company's wire annealers to increase energy efficiency.

In addition, new nail cutting machinery will be installed and existing nail manufacturing equipment will be

reorganized to increase efficiency and allow for improved product flow.

The balance of the funds will be utilized to update and improve equipment in the agri-products portion of the Wire Division's manufacturing facilities.

The total modernization involves six specific projects. When completed, the Wire Products Division of Northwestern will possess unmatched capabilities to produce its current product lines at lower costs, shorter lead times, improved inventory control levels, and greatly improved quality standards. Such capabilities are also expected to enable Northwestern to

achieve greater market share for its wire products.

Cleaning House

In general terms, the cleaning house consists of a structure designed to optimize air flow for pollution control. The equipment within the building consists of two electric traveling overhead cranes which handle the low carbon steel rods which must be cleaned.

The rods are loaded on the crane by forklift and submerged in a series of acid, rinse and lime tanks. The purpose of this cleaning is to remove impurities from the surface of the rod and to fur-

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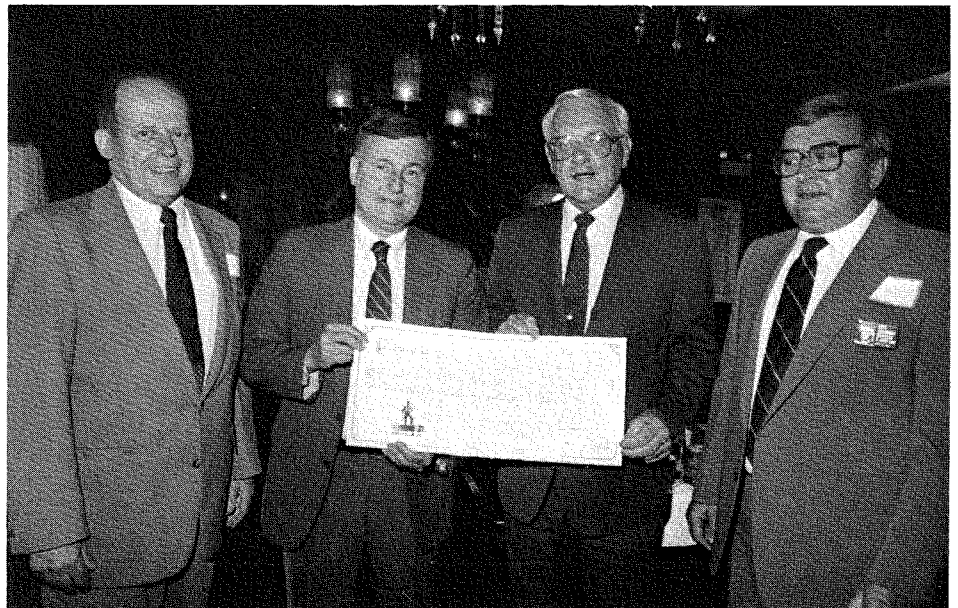
NSW Receives \$167,076 State Grant

Northwestern Steel and Wire Company has received a \$167,076 Industrial Training Program (ITP) grant to be used for training 135 new employees.

The grant is administered by the Illinois Department of Commerce and Community Affairs (DCCA) and written on behalf of the City of Sterling and Northwestern Steel. The money was presented to Company officials in a special ceremony in Sterling on June 20 by Illinois Lt. Gov. George Ryan.

The money will pay a portion of new employees' wages and benefits while they are being trained in the realm of hazardous material handling, general maintenance techniques and general machine and equipment operation.

In accepting the grant, NSW President **Robert Wilthew** commented, "I and the employees of Northwestern Steel and Wire are fortunate to live in a great community and a great state, both of which care about Northwestern. These training funds along with our long-range planning growth will go a long way toward helping us reach our goal."



Northwestern Chairman Peter Dillon holds a symbolic check in the amount of \$167,076 that Northwestern has received as a grant from the State of Illinois for the purpose of training 135 new employees. Presenting the check is Illinois Lt. Gov. George Ryan. At far left is John Conway, Northwestern's Vice President - Finance, Secretary and Treasurer, and at far right is Merlyn Bruns, Northwestern's Director of Human Resources.

Service, Reliability At 3-G's Nails Down Customers

Having been in business just shy of 15 years, 3-G's is combining its experience in the wire products field with a relatively youthful vigor.

The result is that 3-G's, located in Cleveland, Ohio, is fast becoming a shining star with its customers and suppliers.

Primarily a distributor of nails and merchant wire products, 3-G's believes it is the largest supplier of nails east of the Mississippi River shipping from one location, according to Company President **George Miller, Sr.**

From the Company's Cleveland facility, which consists of 31,000 sq. feet of machinery and warehouse space under a single roof, the Company boasts of eight packing lines and a daily inventory of from 1,200 tons to 1,600 tons of various wire products.

Northwestern has earned 3-G's confidence and is now the company's number one supplier. "Originally, we started with Continental Steel (Kokomo, IN), but we began buying some nails from Northwestern a couple of months later," Miller said, reflecting on 3-G's early days.

"Northwestern always was our second largest supplier. Then when we saw Continental in trouble we directed larger tonnage to Northwestern. Today, we know that we are one of their largest nail customers," Miller said.

3-G's supplies many lumber businesses, home centers and mass merchandisers. "Our customers rely on us to keep them in stock consistent-



Primarily a distributor of nails and merchant wire products, 3-G's believes it is the largest supplier of nails East of the Mississippi River shipping from one location. The Company maintains a vast inventory of nails which are packaged and sold under the 3-G's name.

ly and on reliable time schedules with no back orders," Miller said. "It used to be that customers could expect 6-8 weeks delivery from any supplier in the business. All that has changed today. If our customers don't receive delivery within 72 hours we get a phone call."

Miller said 3-G's is proud of its growing reputation in the field. "We provide the finest service and quality to our customers. We are very customer minded and provide a good product at fair prices. Our packaging, we feel, is tops," Miller said. "We think we give Northwestern the best representation of any supplier."

One of the things that won 3-G's confidence in Northwestern was fast

delivery and good service. "Northwestern has taken excellent care of us and they have kept their agreements."

Working closely with 3-G's over the past several years has been **Ed Sanders**, NSW's Eastern Regional Manager for the Wire Products Division. "In all my years of travel, I have never met harder working people. The work week for each of the three Millers averages approximately 70 hours...and they work seven days a week," said Sanders. Ed said they have always treated Northwestern like family.

Northwestern's outside salesman who will be calling on 3-G's is **Larry Hurd**, who is currently settling in as territory salesman in Ohio. Larry had previously been an inside salesman for Northwestern. **Al Lopez** and **Dan Over** are the inside salesmen servicing the 3-G's account.

In a sense 3-G's is a lot like a family business - and in fact, there are three Millers in management. Along with George, there are his sons, **George, Jr.**, who has been with the firm for 10 years, and **Gary**, who has been with 3-G's for 13 years.

"We treat everybody like family here," George, Sr. said. "We have 34 employees and very little labor turnover."

3-G's, which also has a Distribution Center in Indianapolis, IN, operates its own leased fleet for optimal distribution to customers.

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Northwestern's Personnel Files

Ron Szakatits

Northwestern Steel and Wire Company welcomes **Ron** as a new purchasing agent.

Ron joins NSW after holding the position of Production Supervisor for Vulcan Mold & Iron Co., Lansing, IL. Prior to holding that title, Ron worked for four years as a purchasing agent for the firm.

Ron and his wife, Dana, have three children, Aaron, 12, Sarah, 8, and Jacob, 4. The family is currently looking for a home in the Twin City area.

For recreation, Ron said he enjoys playing golf and tennis.



Beth Lancaster

Beth joins Northwestern as secretary at the Pentagon. She replaces **Denise Frey** who has transferred to the Wire Products Division as secretary to **Mike Mullen**.

Beth's husband Mike is an attorney for the law firm of Besse, Frye, Arnold, Brooks and Miller.

Beth, who is from Washington, IN, attended Marian college in Indianapolis, IN.

She worked as secretary to the Vice President in the Acquisitions Dept. of Hospital Corp. in Nashville, TN, before moving to Sterling.

Beth said she finds her job at the Pentagon very interesting and rewarding.



Gary Budde

Gary becomes Northwestern's new Loss Control Safety Engineer.

Having spent nine years in the Special Forces, Airborne Ranger Military Police, Gary went on to study Occupational Safety and Health at the University of Dubuque, IA, from where he graduated this spring.

Gary and his wife, Marlene, will eventually make their home in Sterling. Marlene plans to stay in Dubuque for the time being, where she is employed as a critical care nurse at Finley Hospital. Gary's children are Aaron, 9, Angela, 8, and Darren, 6 months. The Buddes are expecting another child in December.

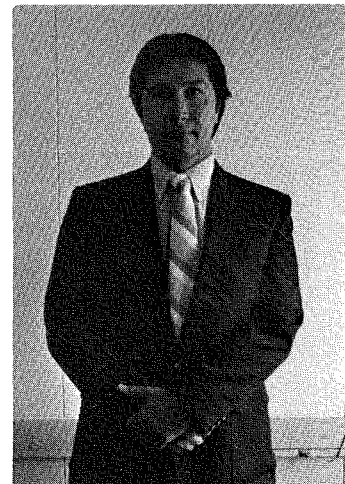


Jim Weaver

Jim has been named salesman for the Steel Division and covers Iowa, Minnesota, North and South Dakota, and a small portion of Wisconsin.

Jim, 33, has been a member of Northwestern's sales team for approximately two years and will be taking over accounts previously serviced by **Bob Reece**, who recently resigned.

Jim and his wife Margret, and their two children, Amy and Asa, will be making their home in the Greater Des Moines, IA area.



Action Team Makes Recommendations

Members of the Quality Assurance Action Team made recommendations to the Performance Improvement Council recently on improving yield calculations by supplying accurate metal weights.

The Action Team felt that in order to determine the yields in the Electric Furnace and Caster Departments, it would be necessary to obtain accurate yield calculations. While working on this problem, the team members assisted in the renovation, calibration, and functioning of the ladle crane scales in the Electric Furnace Department.

Prior to the Action Team's involvement with this problem, the scales on the ladle crane were not in agreement. The east ladle crane was assumed to be correct. When the west ladle crane was used, all hot metal weights obtained from this crane were estimated.

Members of the Quality Assurance Action Team made the following recommendations to the Performance Improvement Council:

- Establish a Standard Operating Procedure for maintaining the accuracy of the ladle crane scales.
- Construct a permanent test weight to be used for the purpose of check weighing.
- The ladle crane be used to weigh the permanent test weight - but only after the scales are recalibrated with an ingot test heat.

When the Action Team's recommendations are implemented, the Company will derive the following benefits:

- Yields at the caster and furnace departments will be quantified more accurately.
- Sequence casting will be facilitated.
- More accurate ingot weights will be obtained for the 46-Inch Mill.

Increasing yield and productivity is the goal of all the Management Action Teams. The significance of improving yield was recently pointed out by **Tom L. Galanis**, Vice President of Operations, Steel Division. Galanis pointed out that a 1% improvement in yield would generate much greater cost savings to NSW than would a 1% improvement in productivity.

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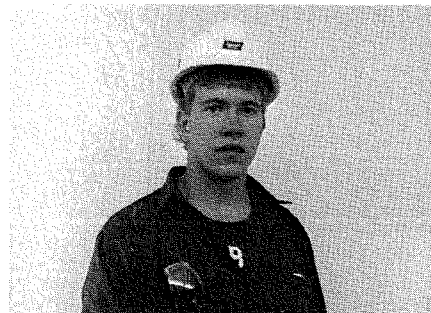
Northwestern's Quality Assurance Action Team includes Ray Wisneski (team leader), Roy Sheldon (team recorder), Cliff Wise, Dick Schuchard, Bob Winn, Bob (R.C.) Olson, Dan Olson, John Wang, Lin Proeger, Dave Bushman, Tom Downie, Jim Patterson, Norm Nelson, Dave DeVries, and John Waller.

Joey Lovgren Nominated As Outstanding Young Man

Joey Lovgren, son of Carl Lovgren, Wire Mill Electrician, has been nominated as an Outstanding Young Man of America for 1985 - an honor that recognizes young men throughout the nation for professional achievement and community service.

Joey, who has just one trimester of schooling to go before he graduates from the DeVry Institute of Technology with a B.S. in electrical engineering, was nominated for the honor by Theresa Lynn DeVries, a faculty adviser at the school.

He is currently working at North-



Joey Lovgren has been nominated as an Outstanding Young Man of America, an honor that recognizes young men throughout the nation for professional achievement and community service.

western in the Drawing Room as a summer employee.

Joey said he believes he received the nomination because of his civic duties for the school, such as grading papers for instructors and in supervising the physics lab and the electronics lab.

New Appointments

The following organizational changes are made in the Human Resources Division:

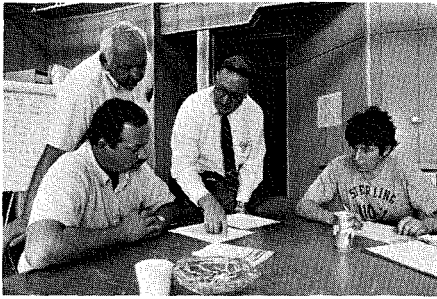
Effective May 15, 1986, **Bruce Stevens** is appointed Safety Supervisor.

Effective May 19, 1986, **Gary Budde** is appointed Safety Loss Control Engineer.

Effective June 20, **Wendell Davis**, Facilitator-Coordinator who was attached to the Human Resources Division is reassigned as Facilitator-Coordinator for the Wire Products Division and will report to the Vice President of Operations - Wire Products Division.

Frank Rausa, Manager of Training and Development - Human Resources is appointed Facilitator-Coordinator for the Steel Division and will report to the Vice President of Operations — Steel Division.

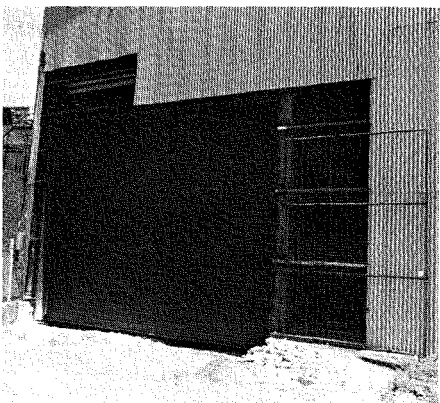
Wire Feed System Construction, Patent Proceedings Underway



Charles Bosco, (center), NSW Electrical Engineer, explains part of the patent procedure to Wendy Davis (standing left), LMPT Facilitator; Tom Baker, (seated left), General Superintendent of Electro-Weld Department, and John Sotelo, STEP Team member, during a recent LMPT meeting. The STEP Team's original idea to cut down on wire overhang on Electro-Weld Machines has led the Company to seek a patent on a computer-assisted design for the machines.



More space is available for trucks to maneuver at the East Plant loading dock now that a portion of the concrete wall has been removed.



The custom garage door at the Plant 4 loading dock was recently installed. The STEP Team's project, when completed, will allow for loading of trucks inside.

The first known Electro-Weld machine to have a precision wire feed system is currently in the construction stages and Northwestern's patent proceedings are underway.

The new design, believed to be the first feed system of its type in the industry, was designed by **Charles Bosco**, Electrical Engineer, **Don Morgan**, Project Engineer, and **Barry Johnson**, draftsman. The idea was developed through the STEP (Security Through Employee Participation) Labor Management Participation Team.

Plant 4 Machinist **Ron Bruder** is currently machining some of the necessary plates to be used on the feed system, which has been named "Electro-Weld Stay Wire Precision Feed Pinch Roller," according to Bosco.

Bosco said the new stay wire feed system will be controlled by a computer assisted programmable counter. Wire lengths can be adjusted by the operator with a calculator-type keypad.

The new feed system will be 15 times more accurate than the present system feeding stay wire lengths to within .5 inch of the operator selected length.

It is expected that the cost savings, due to a greatly reduced overhang of wire on the machine, could amount to \$1,000 per week. Should the feed system perform as expected on the No. 2 Electro-Weld, other Electro-Weld machines could be similarly fitted. It is believed that other machines could also be modified to take advantage of this technology.

NSW Receives Leased Fleet Safety Award

Northwestern Steel and Wire Company has received a safety award from Continental Insurance for its safe track record during 1985.

James Hendler, Loss Control Representative for Continental, recently presented **Larry Mangan**, Northwestern's Manager of Transportation, with a plaque signifying the Company's safe driving record in 1985.

Hendler explained that Continental Insurance is attempting to recognize safe driving records among leased fleets. The overall record for a given year is compared with the 5-year average for driving incidents.

The proclamation along with the plaque read as follows:

"The effects of failure on safety endeavors are striking and self-evident, taking the form of casts, wheel chairs, perhaps obituaries in the newspaper.

"The effects of success are not so evident. A driver is not likely to associate the good health of a motorist or pedestrian with his own behind the wheel.

"This safety award is intended to represent those people who were not injured because the employees and management of Northwestern Steel and Wire Company cared and took the effort to do their job safely.

"On behalf of Continental Insurance Company, it is my pleasure to present this award to the employees and management of Northwestern

Steel and Wire Company for outstanding fleet safety performance in 1985. Congratulations, and keep up the good work."



James Hendler, (right) Loss Control Representative for Continental Insurance Co., hands a Safety Award plaque to **Larry Mangan**, Manager of Transportation. Northwestern received the award for its safe track record during 1985.

14-Inch Mill Sets Monthly Rolling Record

Northwestern's 14-Inch Mill saw a monthly production record fall in May as a combined total of 33,620 tons of steel were rolled.

The old record of 32,645 tons was set in January, 1985.

NSW Announces Plant Modernization Plans

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ther coat the product with lime to enhance its cold drawing capabilities. The system also includes a complete acid regenerative system and approved State and Federal Environmental Protection Agency emission controls.

Wire Galvanizer

All farm products sold by Northwestern are made from galvanized wire. In the galvanizing process, the wire is annealed, cleaned in acid, rinsed, fluxed and immersed in molten zinc for the final galvanized coating.

At the present time two of the existing galvanizers utilize 100 lb. bundles of wire for both pay off (feed in) and take up (feed out). The new equipment will allow use of wire stems up to 2000 lbs. The larger stems will make it possible for the Company to sell wire direct to the outside and decrease yield losses in the finishing departments due to larger batch sizes.

Drawing Room

In order to convert all bright basic wire to stems so that the drawing room will be consistent with the wire galvanizers, the following is required:

1. Six block conversions will be required for the 10 hole 20 ga. drawing machines.
2. A new 6 hole state of the art multihole dancer wire drawing machine complete with dead block will be installed.
3. A state of the art series 4 multihole dancer wire machine

complete with dead block will be installed.

4. A horizontal bull block wire drawing machine will be installed for the production of larger wire for direct shipment to other manufacturers.
5. As support for the above wire drawing machines are four Model C powered pointers.
6. An insulated building to house the three new machines, plus the five existing bull blocks, will be constructed.

Annealers

In the processing of wire, tensile strength and hardness is of critical importance. The wire rod is produced with a certain tensile strength and it is increased with further cold processing, such as cold drawing into wire.

For certain applications it is necessary to convert the wire back to its original state for hardness and tensile strength. The process by which this is done is relatively simple. The wire is heated with an absence of air to a specified temperature, allowed to soak until the temperature is uniform, and slowly cooled.

Northwestern's four Lee Wilson annealing furnaces are very old. In order to make the department more energy efficient and more productive, the following must be accomplished:

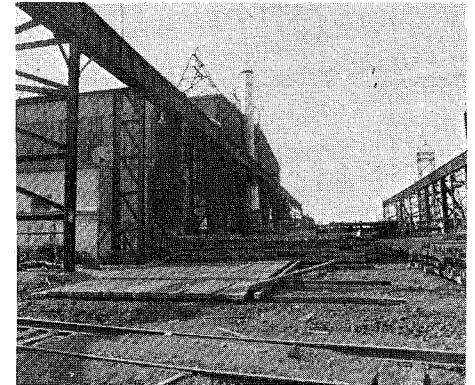
1. Energy efficient ceramic lining installed to replace the present refractory brick.

2. The furnaces must be tuned to their maximum capability.
3. More efficient high velocity fans and defusers must be installed.

Finishing Departments

Various departments throughout the Wire Products Division use galvanized wire to fabricate their respective products. Some of these departments have been using 100-lb. coils and will be converted to use the new 2000-lb. stems coming from the modernized galvanizers. The departments involved are Netting, Field Fence, and five machines from Electro Weld.

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Construction is completed on the 12-Inch Mill Conditioning Yard project. Seven new concrete piers and eight new steel columns were added for better stability.

Build Illinois Funding Crucial To Modernization Plans

Northwestern Steel and Wire Company hopes to receive approximately \$2 million in low-interest "Build Illinois" Funding for the Company's Wire Products Division modernization projects.

The "Build Illinois" program is a low-interest loan pool which is being provided by the State of Illinois for selected projects across the state. Northwestern Steel and Wire Company and the City of Sterling are currently taking the necessary steps to secure this money.

The key to receiving the Build Il-

linois money is for the applicant to show that the money will go for projects which either save or create jobs, according to **Mike Mullen**, Vice President Operations — Wire Products Division.

Through its Wire Products Division modernization program, Northwestern will be seeking to lower not just the cost of production, but the Company's materials handling as well.

Mullen said that revamping the Company's galvanizing machines is a main concern, together with the modernization of the mat department

after relocating in the East Warehouse at Plant 4.

Also planned are new packaging techniques for netting and a complete state of the art packaging system for nails. New products being considered after modernization is completed are Ardox (twisted thread) and collated nails (machine quality for use in guns), as well as fine wire in both bright and galvanized finishes.

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E.I.T. Teams Find Proposals Tabled Then Adopted

Two Employee Involvement Teams' shelved ideas have come back to life.

The NSW Team selected as its first project in October, 1985, a more efficient ramp from the descender department to the wire mill. It appeared to the Team that the old ramp was inefficient and a potential safety hazard.

However, when this project was being discussed by the Team the Company was not in a position to implement the proposal due to insufficient funds.

During the week of June 5, the Steering Committee advised the Team that their original project was going to be implemented as part of the new Cleaning House Project.

The ROP (Reduce Our Problems) Express Team was recently advised by the Steering Committee that their proposal on the No.7 Descaler machine was eventually used to help justify a proposed new Cleaning House.

Upon investigation, the Team found that the upgrading of the present machine would cost approximately \$250,000, with maintenance costing approximately another \$250,000 per year.

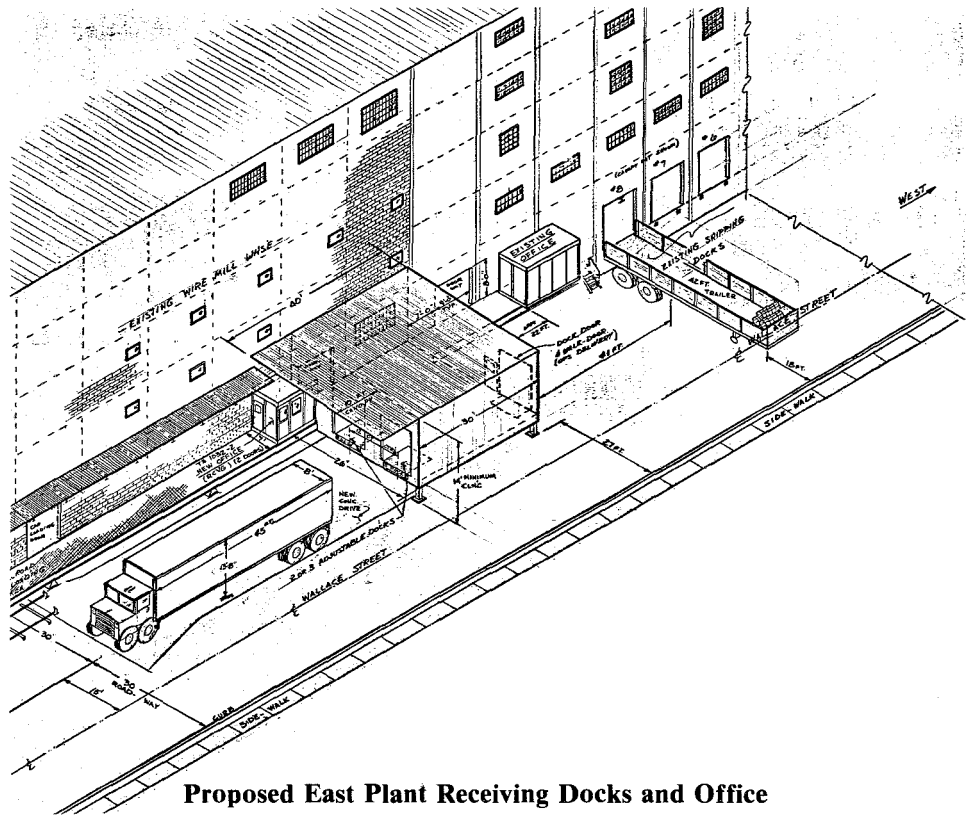
This information enabled the Steering Committee to discuss the possible new Cleaning House with top management of the Company.

In addition, the ROP Express Team is working on a proposal to locate the East Plant receiving dock at the site of the current shipping dock. A lot of material is presently being unloaded in the east warehouse and must then be transported through the plant to the respective locations. This movement currently requires approximately eight hours.

Under the new proposal, goods would be received closer to their point of origin, and the materials could be placed in about an hour.

Data is currently being collected to determine the cost savings.

Northwestern's UNITY Team is currently working on a project to enclose the east draw bridge and scrubber door area. The door will keep snow, rain, wind, etc., out of the ramp runway, creating a much safer and warmer place to work for employees transporting materials from the basement to the shipping dock.



Proposed East Plant Receiving Docks and Office



Northwestern's June Anniversaries

35 Years

Louis Magana, 6/7/51, Brick-masons.

25 Years

Joe Lewandowski, 6/12/61, Plant 2 Machine Shop.

Joseph Adami, 6/13/61, Plant 2 Machine Shop.

Larry Colberg, 6/20/61, Billet Caster.

Jose Ramirez, 6/28/61, Billet Caster.

20 Years

Arthur Atilano, 6/2/66, Trial Crew West.

Ralph Lamb, 6/5/66, Salaried, Scrap Yard.

Lanny Mills, 6/5/66, Plant 2 Millwrights.

Harold Hansen, 6/12/66, Billet Caster.

Gordon Spencer, 6/12/66, Plant 3 Millwrights.

Flaves Allmon, 6/16/66, 20-Inch Mill.

Vernon Schwenk, 6/20/66, Salaried, Wire Mill General Works.

15 Years

Loren McCormick, 6/1/71, Billet Caster.

William Kooy, 6/1/71, Laboratory.

William Colon, 6/1/71, Descaler.

Dennis Staats, 6/4/71, Salaried, Electric Furnaces.

David Rockwell, 6/7/71, Billet Caster.

Charles White, 6/8/71, 20-24-Inch Shipping & Finishing.

Dan Gaffey, 6/8/71, Plant 5 Welders.

Alex Barajas, 6/15/71, Wilson An-nealer.

10 Years

Maurice Ronzone, 6/14/76, Salaried, 14-Inch Mill.

Roy Sheldon, 6/14/76, Salaried, Quality Assurance.

Allen Humphrey, 6/22/76, Over-The-Road Truck Driver.

Five Receive Suggestion Awards

A suggestion to install a stainless steel band on lift pumps at Plant 2 has been found to greatly facilitate changes in the water line and is expected to save the Company \$6,322 per year.

Charles McAnelly, Plant 2 Pipefitter, received \$635 for the suggestion through Northwestern Steel and Wire Company's Suggestion Award system which pays 10% of the first year's estimated savings to the Company.

The utilization of the band facilitates line changing and saves many man-hours per change, including the elimination of the need for a welder.

Douglas Martin, Plant 2 Machine Shop, received an award of \$410 for his suggestion to use a four-tool bit holder to machine electric furnace hose nipples in the Auto Chucker.

The new tool holder will allow four grooves to be set in one operation. The old method utilized a one tool operation which required four machine set-ups.

Harvey Hill, 12-Inch Mill Builder, received a \$100 merit award for his suggestion to build a mock edger simulating the No. 2 and No. 4 edger on the 12-Inch Mill. The rolls enable the setting of entries and deliveries for both friction and roller guides, saving many hours of down time.

Brock Shelley, over-the-road truck driver, received a \$100 merit award for his idea to remove a portion of the concrete wall located across the street from the East Plant Shipping docks, just east of NSW's Office Annex. The wall has been removed and allows more space for truck drivers to negotiate their rigs into the dock area.

Ronnie Hughes, Wire Mill Elevator Operator, received a \$25 Safety Award for his suggestion submitted in April.

Hughes suggested that an emergency stop cable be put on the bale tie elevator so it could be reached, if necessary, by a person on a tractor entering or leaving the elevator.

Other suggestions received in April were as follows:

John Greaves, 14-Inch Electrical.

Ed Cover, 12-Inch Finishing (3).

Larry Ege, Steel Plant Welders.

Steve Rourke, Over-The-Road Driver (2).

Mike Hurley, Plant 4 Welded Fabric.

Larry Frederick, Wire Mill Millwright.

James Meyer, Nail Department.

Andres Quintana and Philip Kent, Nail Dept.

Miles Gladhill Wire Mill Drawing.

Walter Wagner, Caster Department.

Mike Thomas, 12-Inch Finishing Department.

Richard Nolan, Plant 2 Pipefitter.

Thomas Wessels, 12-Inch Finishing.

Kenneth Wiersema, Steel Plant Welders.

Dennis Knapp, Steel Plant Electrical.

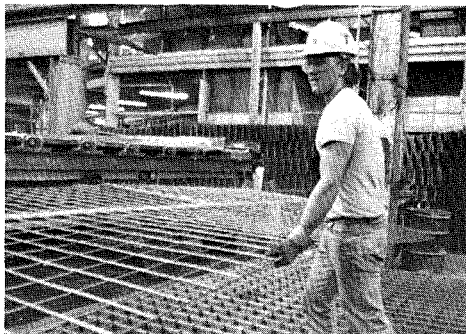
Steven Harris, Clerical.

Daniel Rivera, Plant 3 Finishing.

Robert Krepfle, Richard McKenna, and Douglas Martin, Machine Shop.

James Dawson, Caster Department (3).

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Jim Holloway, who has been employed by the Company for the summer months, is shown at work at Plant 4. The red cross on his hard hat alerts fellow employees to the fact that he is a new and inexperienced employee and they should be watchful for his safety. All new employees and temporary summer help are issued hard hats with the red cross. When working with or near these employees, be alert and make them aware of possible dangers.



Doris Slater recently retired after 22 years at Northwestern Steel and Wire Company. She displays a cake given to her by fellow Transportation Department employees on her last day at work.

Richard Hoff, Plant 2 Millwrights (2).

William Brockman, Steel Plant Electrical.

There was one anonymous suggestion.

The following employees submitted new suggestions during the month of March:

Frank Booth, Over-the-road Truck Driver.

Douglas Martin, Machine Shop (2).

Robert McKenna, 12-Inch Mill (2).

Paul Jackley, Plant 2, Millwright (2).

Mark Clevenger, Nail Department.

John Greaves, 14-Inch Electrical.

John Bonnell, Nail Machines (2).

James Stickel, Field Fence.

Segundo Chacon, Plant 2 Cranes.

Ray Duncan, 14-Inch Inspection.

Douglas Harms, Plant 2 Millwright.

Richard Hoff, Plant 2 Millwright.

Brian Burren, Over-The-Road Truck Driver.

James Meyer, Nail Department.

William Kooy, Bale Tie Department.

Jay McKenzie, Plant 2 Millwright.

Michael Thomas, 12-Inch Finishing.

Roy Abell, Plant 4 Welded Fabric.

There were also three anonymous suggestions submitted.

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Best Retirement Wishes

Best wishes for a long and happy retirement are extended to the following employees who have completed their years of service with Northwestern Steel and Wire Company, effective June 1, 1986:

Homer Carneal, West Plant Electrician, 36 years.

Noel Feather, Caster, 30 years.

Bob Hall, 20-Inch Mill Crane Operator, 21 years.

Harold Himmelright, 24-Inch Mill, 31 years.

James Moore, Plant 2 Cranes, 34 years.

Nathaniel Cox, Electric Furnace, 33 years.

Abe Gutierrez, Electric Furnace, 33 years.

Charles Henson, West Plant Cranes, 31 years.

Harold Hollowell, 24-Inch Mill Reheat Furnace, 31 years.

Doris Slater, Salaried, Transportation, 22 years.