

VOLUME 7—No. 3

**THE  
AMCHEM  
NEWS**

DECEMBER, 1964



## AM-Gems

You will never stub your toe standing still. The faster you go, the more chance there is of stubbing your toe, but the more chance you have of getting somewhere.

*Charles F. Kettering*

Citizens may be born free; they are not born wise. Therefore, the business of liberal education in a democracy is to make free men wise.

*F. Champion Ward*

The readiest and surest way to get rid of censure is to correct ourselves.

*Demosthenes*

No peace was ever won from fate by subterfuge or agreement; no peace is ever in store for any of us but that which we shall win by victory over shame or sin—victory over the sin that oppresses, as well as over that which corrupts.

*Ruskin*

The manner in which the hours of freedom are spent determines, no less than labor and war, the moral worth of a nation.

*Maurice Maeterlinck*

The price of power is responsibility for the public good.

*Winthrop W. Aldrich*

The highest use of capital is not to make more money, but to make money do more for the betterment of life.

*Henry Ford*

### THE AMCHEM NEWS

Vol. 7, No. 3 December, 1964

Published by

**AMCHEM PRODUCTS, Inc.**

Ambler, Pennsylvania

in the Interest of AMCHEM

Employees and Their Families

William A. Drislane, Editor

### On Our Cover

As we prepare THE NEWS for publication we are not going to delude ourselves into believing that the balmy breezes of an unusually Spring-like November are going to carry over into this Winter . . . so, this shot of Johnny Zollo, Construction, taken last Winter in one of his versatile Amchem pursuits, is a reminder of what may be in store for us at publication time, but we hope not.



## MESSAGE from the Chairman

It is probably the understatement of the year when I remind you that 1964 is coming to a close. But year's end is the time to take stock of things from both a business and a personal standpoint.

This year again our Treasurer's report shows that there's a good deal of black on the ledger; in fact more than at any other time in the history of the Company and we've just completed our 50th year.

This is very reassuring to me, for it shows that our employees have been faithfully carrying out their assignments—in the Plant, Laboratory, Office, Field and Farm—during my absences from the office this past year, and this is about the best holiday gift that I could receive.

*Leon Chesney*

*Chairman of the Board*

*The other day we came across an interesting editorial on the subject of profits. It was written by William Feather and had appeared in the magazine of the same name.*

### How Profit Affects Your Job

"Can you grow in your job?" is the headline of an advertisement published by N. W. Ayer & Son.

Answering the question, the advertisement continues: "That depends upon your own capacity. But it depends, also, on whether you:

"Pick an employer who is making an adequate profit.

"Help him to continue to make that profit."

This is at least one, and maybe the best, answer to criticism of profits. When profits are adequate, a business is in a position to pursue its objects with energy. It can install new machinery, expand territories, increase its personnel, and pay higher salaries and bonuses.

A starved business does not grow nor do its employees get ahead.

\*\*\*\*\*

NOT  
WEAKNESS

But  
Strength

\*\*\*\*\*

ONE OF THE striking characteristics of the people of today is their weakness. This has been brought about particularly by the comfort we enjoy and which has penetrated now in all the classes of the population. At least, in the more civilized countries.

There are few of them left who go to work on foot or on bicycles. Most of them have a motor vehicle at their disposal; thus, those who are still capable of a good walk or a long (bike) ride have become very rare. They suffer from muscular stiffness, they get tired very quickly and, confronted by a head wind, they shrink from every bit of exertion.

That which occurs on the way to and from work is also happening in the factories and in the offices. Hard work is getting out of fashion in this world. And there are factories where the workmen can do their jobs in their Sunday-suits, for all the difficult and dirty work is being done by machines. In the offices we see the same. Calculators and computers took over a not unimportant part of the human brain-power and, as far as the other work is concerned, that too has been mechanized and became automated as much as possible.

WE ARE great supporters of all this.

And it is certainly wrong to get things done by a precious man, when they can be done by a machine or a self-acting engine.

But nowadays there appears, apart from these considerations, a phenomenon to which we have got to draw your attention, because it endangers progress. We mean the softening of people.

Modern people, with all their mechanical appliances, can't any longer stand up to strenuous exertion; physically and mentally, they get tired very quickly, they get disappointed too easily, they can't stand bad luck any longer, they are too quickly inclined to resignation, in short they are weak.

This now is a great danger. The world does not want weak people, but what it needs is strong people. By this, we do not mean those mentally or socially strong-built prize-fighters, but only: people strong enough to endure an ordeal, who will not resign themselves to failure, who are able to persevere to the end. Those who, if anything fails, start again. Those who, if their work or their services are being

criticized, do not give up, but will do better.

Nobody in the whole world has become somebody without having tested their reserves. For the strong and elastic people, reserves are the rungs of the ladder by which they reach the top.

Nor has anyone achieved anything without perseverance. Thousands of people do fail when still short of their aim. They imagine they will never get it, they give up. But later on, they see they all but reached the end; or they realize that others, with a bit more perseverance, have reached the aim they did not attain.

This is what happens with young people, who midway give up their studies and who later on, have got to accept underpaid employment, unless they are men of genius who have been able to learn more by self-teaching than they did from the school they gave up.

Thus there are businessmen who, seeing so much resistance on the market, from the government or the trade-unions, resign, disappointed, and choose the easiest way. It may be that they remain businessmen, but only of small size. Maybe they will become civil servants and let their chances slip by to the few strong people. Perhaps, when we put it this way, the enormous extension of the big concerns and of the staff of officials can be explained. But this is not good for the world. In this way, it will come in the power of some few very strong personalities who were actually capable to persevere, and the control of many people will fall in the hands of very few.

It is better that there are many strong people in order to maintain a democratic and prosperous world. That's why we stimulate our young readers not to let themselves become disappointed, but to persevere, not to yield to the natural weakness, but to train themselves in being strong.

The older generation, which has already proved its real value, cannot but be satisfied by this. For a strong man is always pleased, when he sees strength developing in a young man, which will enable him later on to take over the torch of the older ones.

That is the way forward. Forward, with strength!

*The above short essay was published earlier this year in REVUE ALCHIMIST, a Belgian publication devoted to the perfumery, soap and alimentary industries.*



## Granodine® 92 Makes

## COLORED STEEL SIDING Possible



GEORGE OTTO

**A**T THE Metalworking Chemicals Division program on Friday, October 2nd, of the International Division Convention, "something new" was introduced to the delegates: samples of ready-to-install, painted STEEL siding. As you would expect, the surface of the samples was as smooth and flawless as the plate glass mirrors in a

Fifth Avenue, New York, dress salon.

Finished in an aqua green tone, you could picture this newest of building materials exteriorly transforming three-quarter-century old clapboard houses into modern dwellings.

Evidently U. S. Steel Corporation felt the same way, for this industrial giant has been exploring the possibilities of galvanized steel siding for a number of years. The big problem that delayed initial success was paint adhesion while the siding was being formed. With the discovery of Amchem

Granodine® 92 this obstacle was soon overcome.

George Otto, MCD Research Chemist, who has been responsible for developing Granodine® 92, says that another problem which had to be solved was how to accelerate the coating stage on the coil of steel as it moved through the coating line in order to keep production at a profitable level. This problem was also solved.

Galvanized steel used in siding is 29- and 30-gauge—or .015 to .017 inch thick—and comes in coils up to 20,000 lbs. and 60 inches in diameter.

Two of the most prominent finishers and fabricators of steel siding for domestic or home use are Seaman-Andwell Co., Ixonia, Wis. and Seaway Building Products Co., Chicago. Both of these companies have extensive coil coating-

and-painting lines that perform every operation from the pay-off reels to the painted, formed siding ready for shipment to builders and siding contractors.

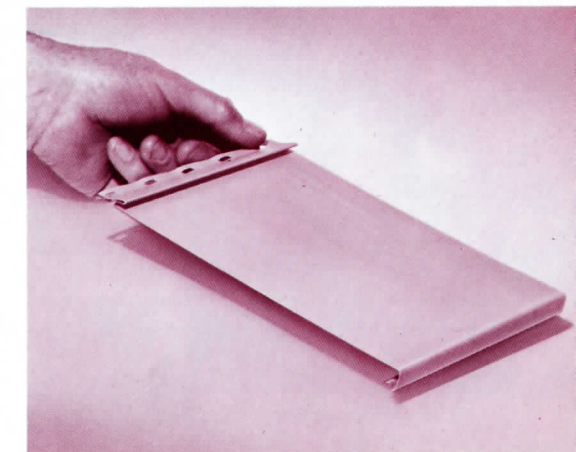
A comparatively recent review of orders at Seaman-Andwell Company showed that this firm had requests for 8 million lbs. of galvanized steel siding, this would be equivalent to the amount needed to cover approximately 8,000 frame homes. At Seaway it was even better—orders for 12 million lbs.

**A**CCORDING to an earlier estimate by U. S. Steel officials, as reported in MODERN METALS magazine, there is a potential market of 20 million old wood frame homes that need refurbishing; that an average of half a ton of steel siding would be needed per house. The new home market, they say, amounts to about half a million wood

frame homes a year. Continuing, this report states that at the rate of 10 to 11 cents a pound for 29-gauge hot dipped galvanized, it would add up to a \$100 to \$110 million annual market.

An optimistic attitude such as this is very gratifying to George Otto, who for the past five years, has practically lived with the problem of coating galvanized steel and making it receptive to paint finishes through his discovery of Amchem Granodine® 92.

**O**N OCTOBER 21, New Product Manager Els Stockbower circulated a general release reporting the wonderful success in two field trials of Granodine® 92; one in Dallas, Texas and the other in Detroit, Mich. Both were conducted by MCD Technical Representative Bob Sorensen. "The paint adhesion in both trials was excellent," says Els.



**(Above).** Profile showing interlocking seams at top and bottom of panel cut from section of steel siding. No rain can penetrate seams. Siding is rust proof, dent-resistant, extra strong. Painted finish lasts for years.

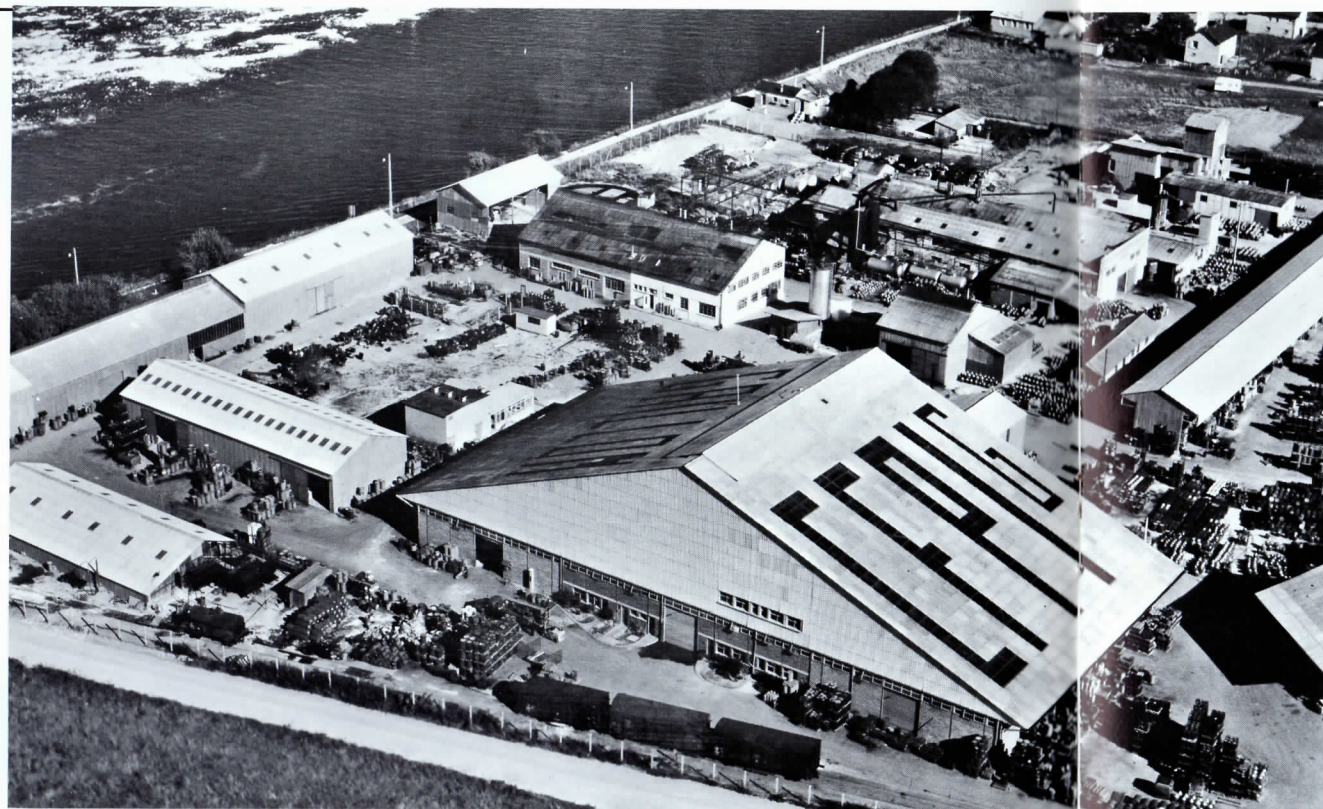
**(Left).** Painted steel siding is indistinguishable from wood siding when installed.

**(Far left).** George Otto, MCD Chemist, holding section of steel siding upright.



# Vive La CFPI!

*Our Manufacturing  
Associate in France  
Has Consistently  
Steady Growth*



(Far left). CFPI Plant at Gaillon, France. Employees' houses referred to in article are in upper right.

(Left). Executives of firm: (Back row l. to r.) G. Levy, A. Bayon, A. Drigont, J. Salvaresi, P. Pouyet, M. Pourrez. (Front row l. to r.) C. Galtier, Adrien Hess, Claude Hess.



Plant worker measuring and bagging granular herbicide.

**W**HEN a new employee joins Amchem's International Division, the licensee's name that comes easiest for him to remember is CFPI, probably because of its phonetic association with the initials of our own Government agency, the Federal Bureau of Investigation. But at this point all similarity ends between CFPI and the FBI. The former stands for Compagnie Francaise de Produits Industries, Asnieres and Gaillon, France. CFPI, founded by Mr. Adrien Hess, the company's present chairman, has been an Amchem manufacturing licensee since 1928.

According to Mr. Hess' son, Claude, President, the firm began manufacturing chemicals for the metalworking industry first in Paris in what he describes as "rather humble facilities, three people only were working in an old workshop."

The "old workshop" quickly earned a reputation for supplying chemicals that solved the corrosion problems for metal fabricators. As a result, the company moved to

larger quarters in Asnieres, a suburb of Paris, in 1929.

**L**ATER when a French Government ordinance forbade the erection of new chemical plants within a certain radius of Paris, CFPI was forced to move its manufacturing plant to Gaillon, when further expansion was necessary in 1950.

Gaillon "is essentially a rather rich agricultural land on the banks of the river Seine, towards Rouen," Mr. Claude Hess informs us in a recent letter. It lies beyond the restricted area and about 15 years ago it was designated by the French Government as a suitable site for the development of new or expanding industries.

CFPI's Gaillon plant presently employs 150 workers. Because of the scarcity of living accommodations in the area, 60 of these employees reside in dwellings provided by the Company. In the near future provision will be made to house 120 or roughly, 80% of the Gaillon plant employees.

**T**HE CFPI housing system at Gaillon assumes various forms depending on requirements. There are individual homes of four rooms, kitchen and bath for foremen and workers; a "bachelor" section consisting of studio type apartments of living room, kitchen and bath for maintenance personnel.

Recently completed is a section of four separate units, each containing four apartments. These quarters are intended for childless couples or those whose grown children have married and have homes of their own.

Another of the CFPI employees' residences was the home formerly occupied by a large land owner in the Gaillon district. It has been converted into three modern apartments, each of which has been allocated to a Plant department

head. The grounds are landscaped and are cared for by a professional gardener appointed by the Company.

For the children of Plant employees, the Company maintains a bus service for transporting them back and forth to school.

The Gaillon Plant is kept continually busy filling the orders obtained by the Company's sales representatives and processed by the business offices which are still headquartered in Asnieres.

CFPI ships 1200 metric tons (a metric ton equals 2204.6 lbs.) of 1000 different kinds of chemicals each month from Gaillon to customers all over France and beyond its borders. 120 different types of containers and packages are used. Over 3500 different chemicals are

*Continued on Page 11*



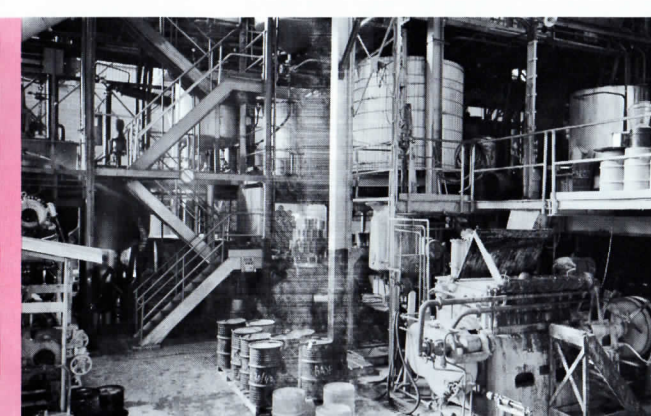
Modern research laboratory is a paragon of efficiency and cleanliness.



Gate house where visitors register. Note the drop-type gates.



Plant yard bears similarity to Amchem's, with its assorted drums.



Esterification section of plant is geared to steady production.



# “Aerial Spraying Proved to Be Safe Economical Quick”

Appalachian Power Company pays this fine tribute to brushkillers and aerial method of application.

One of the most informative articles on aerial brush spraying on rights-of-way we've yet had the pleasure of reading appeared in the July issue of THE ILLUMINATOR, employee publication of the Appalachian Power Company, Kentucky Power Company and Kingsport Power Company, whose editorial office is in Roanoke, Va.

It is most interesting to note how well the article disposes of the toxicity arguments which are so frequently advanced by an uninformed public. For this reason, as well as the fact that the herbicides described in the article are products of Amchem, we urge you to read the article in its entirety. We publish it with permission of the editor, Donlan Piedmont. Pictures are also courtesy of Mr. Piedmont.

IN MORE than one part of our territory, the clatter and whirr of helicopters will break the predawn stillness as they lift off and begin the day's work of spraying herbicides along our rights-of-way.

Early risers will see them bobbing and flitting around transmission towers and under lines, bathing the vegetation with clouds of spray that do more good than most people realize.

For example, and most important, spraying rights-of-way keeps the lines clear of undesirable growth, and helps prevent electrical outages caused by burn-downs. Second, a cleared right-of-way provides a better and, therefore, safer working area for maintenance crews; and finally, the company is able to do the clearing at lower costs. This has a direct effect on our ability to provide economical electric service to customers.

The chemical spraying work started in 1948, and was adapted for helicopter operations in 1960. Before chemicals, the job was done by hand-cutting. The only thing that procedure accomplished was to keep the lines clear of vegetation; it was slow, laborious, and expensive—especially in the more inaccessible parts of our service area. A year after hand-cutting, conditions on rights-of-way were worse than before, because the brush had thickened. The chemical spray and the helicopter have solved these problems.

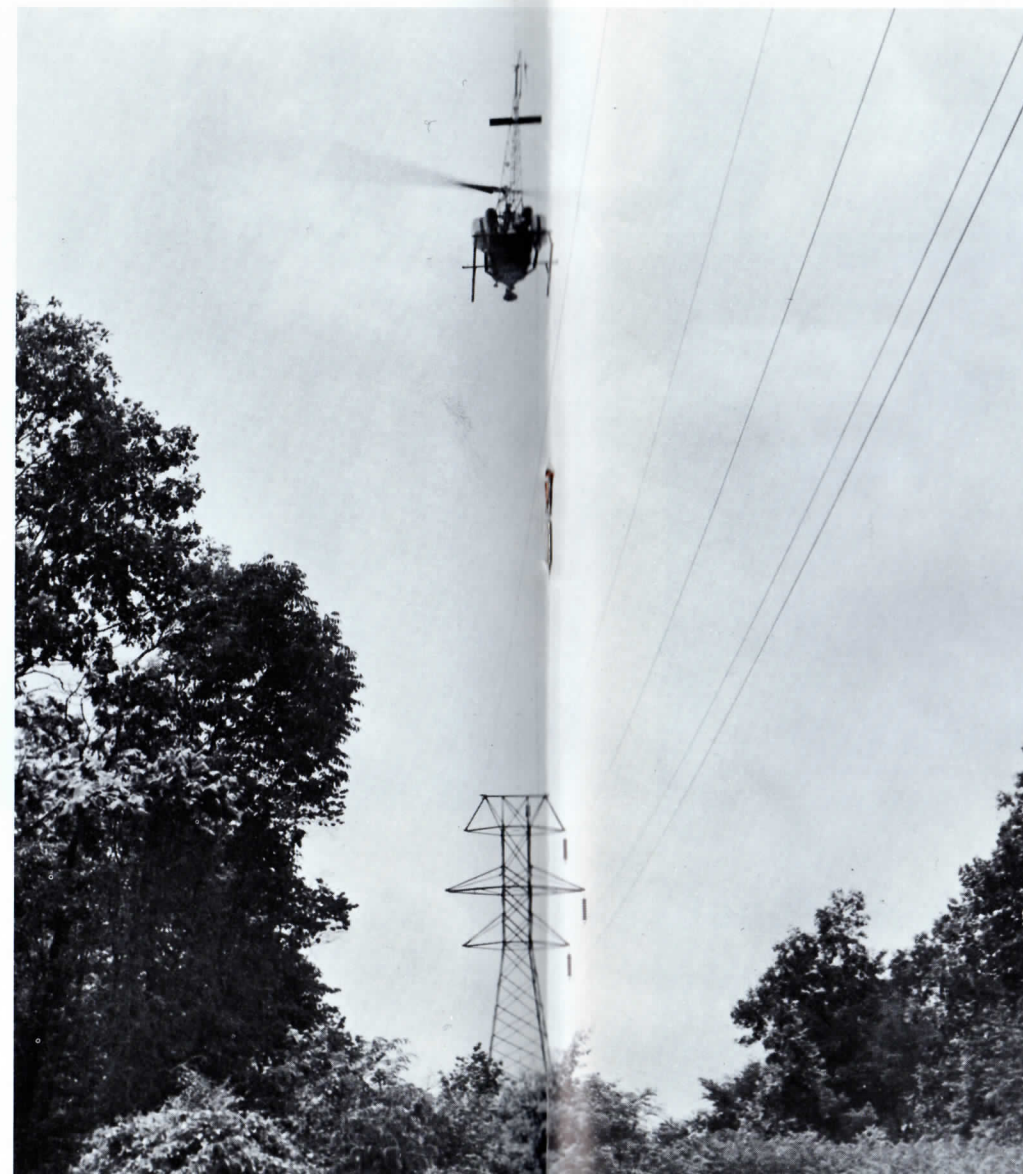
## The Season

The spraying season for our companies is a period of eight weeks in June and July. This year four helicopters are on the job, scheduled to spray some six-thousand acres of brush.

This, by comparison, is the same amount of ground that could be covered by 12 ground-spray crews working all year long.

Because actual spraying work can be done only when winds are less than five miles-an-hour, the work day begins around 4:30 A.M., when the air is still. When conditions are ideal, the crews can work well into the evening. Each helicopter is serviced by two mixing trucks and a water truck. The mixing trucks leapfrog each other along the line to provide a constant supply of material for the aircraft. The work requires highly skilled pilots, involving as it does, flying under the conductors in many places.

The mixture used is a mixture of water and chemical compounds, commonly known as 2,4-D and 2,4,5-T. It is prepared as an invert emulsion that closely resembles mayonnaise in consistency. The nature of the material



Helicopter applies Amchem brushkiller on right-of-way near Kingsport, Tennessee.

virtually eliminates drift.

In the early days of helicopter spraying, a variety of problems, prompted by curiosity, came in: barn roofs rusted, a cow went dry for two weeks, mules went blind, and a man became bald. A television antenna was bent, and a concrete porch cracked loose from its foundation as the helicopter went over.

## No Damage

More to the point were the apprehensions about the effects the chemicals would have on people and animals. Do they, the public wanted to know, cause any damage? The answer then, and now, is no!

The chemicals used by Appalachian have been in widespread use since 1946. Field tests and actual experi-

ence have proved that these herbicides are absolutely non-toxic to humans and animals. A research worker at the University of Chicago ate pure 2,4-D acid for a period of three weeks with no unpleasant effects aside from what had been described as an unpalatable taste.

Before any new products in the herbicide family are used commercially, they are thoroughly tested by the manufacturer and later released to State Agricultural experiment stations for field testing. From the laboratory to full-scale commercial use usually covers a period of about five years.

## Improvement

Neither do they harm wildlife nor destroy the habitats of wild game and birds. In practice, the herbicides used



(Top). Effectiveness of brushkillers is proven by this section sprayed four year ago. (Bottom). Worker signals direction of spraying area to helicopter pilot-applicator.

on our rights-of-way act selectively. They control broad-leaved vegetation, and do not harm grasses or waxy-leaved plants such as rhododendron. The foliage, following application of the herbicide, does present a browned-out appearance, but this is temporary. Over the long run, spraying actually creates a new attractive, and highly desirable plant community for wildlife. The Virginia Commission of Game and Inland Fisheries uses a variety of herbicides to create openings in the forest for game feeding, because it is a more natural process, instead of using bulldozers.

Another advantage of the spraying is aesthetic. Nothing could be further from fact than the contention held by some that spraying destroys wild-

flowers along the rights-of-way. Bill Ditman, of Appalachian's T. & D. department, is the man responsible for the spraying program. He holds degrees from VPI in Forestry (B.S.) and in Plant Physiology (M.S.), specializing in brush control. In an hour he disposed of this faulty contention and added a convert to the spray method. He took the critic, a teacher of botany, on a walk along an Appalachian right-of-way. Within the hour, they found 32 different species of panicum grass. Other critics, perhaps not so well founded in botany, have only to look at rights-of-way ablaze in the Spring with laurel and rhododendron to see that much good comes from herbicide application. And besides, it helps keep customer service bills low.





## Bob Meech Is Big Aid to MCD Customer

Several months ago, the GRAND HAVEN (Michigan) TRIBUNE devoted a six-column by 12-inch space to a picture and copy story on a new automated and conveyorized washing and phosphating unit at Kent Products, Inc. in that city. This equipment, used in the pre-paint treatment of automobile ventilator doors, was engineered by Kent Products own personnel.

Bob Meech, MCD Sales Representative, Midwest District, was consultant in the designing of the cleaning and phosphating unit. Kent is a customer of Bob's.

The story gave statistical details of the phosphating operation and the picture showed Meech in consultation with Kent executives on a tour of inspection on "open house" day.

"All employees," stated the article, "indicated a keen interest in the new installation of both the conveyorized metal cleaning and painting equipment as well as the automated riveting stations."

The unit has been in operation now for several months and has increased the efficiency and economy at the Kent plant to a considerable degree.



WILLIAM GAINES

JOSEPH GAINES

## Joe Gaines, Windsor Plant, Meets Brother After 42 Years' Separation

JOE GAINES, Windsor Plant Production, had a happy reunion with his brother, Bill, last August. The brothers hadn't seen each other for 42 years. We are indebted to THE WINDSOR (Ont.) STAR for the following account of their meeting.

"Forty-two years ago a young British sailor watched his younger brother board a ship bound for Canada. Then he turned and headed for his own ship. He had already served through one world war. Little did he know the next meeting with his brother would be 20 years after he had served through another.

"That meeting took place recently as Joseph Gaines of 1779 Central Ave., Windsor and his brother William met again in Windsor.

"Bill was 26 when he waved goodbye to his brother—a year younger—from a dock in their hometown of Newcastle-on-Tyne, England.

"Bill joined the navy at 16. His brother had been working at the naval dock. Joe came to Windsor. Two years later he was followed by his fiancée. They were married in Windsor.

"Bill had been in his first naval battle at 16 when he was aboard HMS Lion. He served under leadership of Admiral

Beatty at the Battle of Jutland in 1916. He served aboard four ships during the Second World War. 'All of them were sunk,' he says. One of the ships was HMS Prince of Wales which was sunk in 1941 in the Far East. 'There were 1,500 persons aboard and there were about 800 survivors,' he says.

"He recalls with pride the time Sir Winston Churchill and President Roosevelt met aboard the Prince of Wales. The ship was somewhere off the coast of Newfoundland in 1941. 'They discussed many things vital to the war effort,' Mr. Gaines says.

"In Joseph Gaines' home there are a number of pictures on the wall of the ships on which his brother served.

"Bill retired from the navy in 1945. He lives in England with his wife, Nora. They have three married daughters and 10 grandchildren."

Joe had been in the employ of the Neilson Company, which is now a part of the Amchem corporate structure, since March, 1942. Prior to this he had worked for two automobile manufacturers. Joe and Mrs. Gaines have two married sons and six grandchildren.

Mrs. William Gaines accompanied her husband on his holiday visit. They returned to England in September.

## THE AMCHEM NEWS

CFPI Continued from Page 7

inventoried in the raw materials warehouse. Approximately 200 various substances—from raw chemicals to finished products—are tested daily in the Plant laboratory.

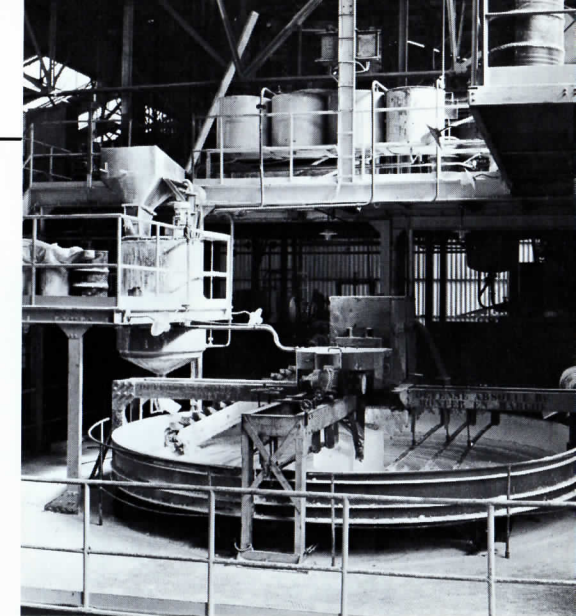
In addition to manufacturing Amchem agricultural and metalworking chemicals, CFPI makes surfactants and detergents as well as Amchem's Benjamin Foster line of products for the protection of thermal insulation.

Research and development play a major role in the overall program-for-progress at CFPI. If problems arise in the areas in which the company specializes, they are studied and solved

quickly to the satisfaction of the client.

Among those whom CFPI has the pleasure of serving are the French National Railways, and the principal steel, automotive, aircraft and allied metal industries.

Being one of Amchem's pioneer licensees, CFPI has adopted many of the ideas that have contributed to our company's success, notably Amchem's insistence on the maintenance of a staff of technical representatives that assures optimum product performance under all conditions, for CFPI, like Amchem, also feels that "Product Performance Is Their Best Salesman."



Modern chemical mixer installation at Gaillon assures efficient production.



One of several similar type homes provided by CFPI management at its Gaillon site for its manufacturing personnel and their families.



Large manor house at Gaillon was acquired by CFPI, converted into three apartments for department heads.

## Retiree Aleks Bergs Writes Thank-you Note

Aleksanders Bergs, who retired in September, 1963 after 13 years in the ACD Research Laboratory, took the time to write us a gracious note from his new residence in Alberta, Canada, in which he thanks us for sending him some snapshots taken on his last day at Amchem. The letter reads in part:

"With great pleasure I have received the little reminder of my days at Amchem, the April and September issues of Amchem News and the Pioneer II.

"With pride and gratitude I remember these nearly thirteen years I was an employee of Amchem Products, being fortunate to take part by a small job of mine in its vigorous progress.

"In my thoughts I spend a great deal of time remembering

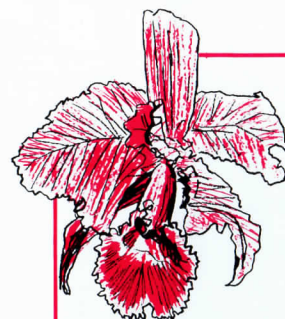
my work and colleagues, and the excellent leadership of ACD Laboratory and Company.

"I thank you once more for your thoughtfulness.

Yours sincerely,  
Aleksanders Bergs"

If any of his former Amchem associates care to write to Aleks, his address is 1224 Belavista Crescent, S.W., Calgary, Alberta, Canada.





## Orchids

We are happy to publish a few samples of the reaction created by PIONEER II.

Also a letter of appreciation to Jack Harsma, MCD Western District, for speaking at three training sessions at the Northrop Institute of Technology, Inglewood, Calif.

### AMERICA

*From the Chairman of the Board of a Steel Company*

"Your brochure entitled PIONEER II recently came to my desk, and I can't resist writing to tell you that it is one of the finest brochures that I have seen in my many years of business.

"The photography and the written material are of the highest quality . . ."

*AMERICA. From a Bank President*

"Thank you for remembering us with a copy of your PIONEER II. This is a very graphic presentation of tremendous diversifications of Amchem . . . It is truly a work of art and highly informative."

*AMERICA. From a Bank President*

"I greatly enjoyed the opportunity of reviewing your new presentation of PIONEER II. This is a fine demonstration of your various interests and certainly most impressive."

*JAPAN. From the Secretary of an Asbestos Company*

"I have, in the course of my work at office, chance to look into many publications of similar kind. But never before have I seen such an elegant and well laid-out pamphlet, with simple explanation yet full of interesting information."

### ITALY

*From President of Metalworking Chemical Company*

"I received a copy of the Amchem PIONEER II and let me say my 'bravo' to you and your people for such a fine realization. The PIONEER II is on my desk and I show it to my visitors, all of them are delighted with the perfect coloured pictures."

*NEW ZEALAND. From Editor of Agricultural Publication*

"We have just had a good look at PIONEER II—a long and envious look, I should say. Everybody here is full of praise for the way it is presented, the wonderful use of color, and the neat but forceful story of Amchem and your products.

"I like particularly the writing of the captions. Each one is a little story in itself; and that appeals to me as the mark of a top class title."

*BRITISH WEST INDIES. From an Amchem Distributor*

"Congratulations on PIONEER II which has just arrived by sea mail.

"It is a magnificently prepared publication. A great deal of time, effort and creative imagination are quite apparent. May I have two dozen, with their envelopes, by air parcel post at my expense?"

### NORTHROP INSTITUTE OF TECHNOLOGY

Mr. John N. Harsma  
Amchem Products Inc.  
4210 Charter Street  
Los Angeles 58, California

Dear Mr. Harsma:

With the class of May 4 we completed our special program for inspectors and engineers of the Federal Aviation Agency in "Modern Materials and Processes for Aircraft". The purpose of this letter is to express our sincere appreciation for your assistance in presenting practical, up-to-date information in the field of materials and processes . . . Your contribution, therefore, enriched our program and provided much useful information for the participants.

Please accept our sincere thanks . . .

Cordially yours,  
Ralph D. Bent  
Director of Admissions

## Althouse Wins Scholarship

*Enrolled at Johns Hopkins University,  
Baltimore, This Past Fall*

James Walter Althouse III, 1964 graduate of Wissahickon High School, is the recipient of this year's Amchem College Scholarship. Jim is the 17-year-old son of Mr. and Mrs. James Walter Althouse II, Surrey Drive, Gwynedd Valley.

Jim was an outstanding student in high school. He was a Merit Scholarship finalist, a member of the National Honor Society, and a winner of the Philadelphia Electric Company scholarship. (His father is employed by P.E.)

Jim was a member of his high school band for three years, the Key Club for two years, and the high school Forum. He was one of the student speakers at his school's commencement. While in junior high he received the science award. In his entire high school career his grades were mostly "A"s.

Jim entered Johns Hopkins University, Baltimore, this past fall, where he is majoring in chemistry.

The Amchem Scholarship is awarded each year to a chemistry student in the graduating class at Wissahickon High School who has been selected by a committee composed of Amchem executives and members of the administrative staff of the high school.

## Amchem Sponsors Dinner

Amchem sponsored the Wissahickon Boy Scout District "Together-We-Organize" dinner, November 3, at Wissahickon Senior High School cafeteria. Approximately 80 adult leaders representing 15 organizations in the area participated.

The purpose of the program was to interest new and existing sponsors in serving the need of a growing population of boys of scouting age. More than 20 organizers and members of the Wissahickon district commissioner's staff are working to extend the Scouting program to more boys. F. E. Wilson, Amchem Personnel Director, participated in the program.



Ray Robinson, Machinist, stands beside 1965 model of the Amchem railroad spray rig on which he worked this past summer. Folding extension tracks of trailer are visible at rear.

## Improvements Made for 1965 on Amchem's Railroad Spray Rig

### Now Self-Propelled

After considerable consultations with Jack Taylor, ACD Industrial Sales Manager, a completely new system for transporting the ACD railroad spray rig has been devised by Tex Waldrum, assisted by Ray Robinson.

The spray car with its flanged wheels now rests on a trailer equipped with rails. The rails extend and fold up, jackknife fashion, when the spray car

is mounted and is being towed on the highway. The rails lower to the ground to permit the spray car to be placed on the railroad tracks at spraying sites. This method replaces the worm gear jack system described in THE AM-CHEM NEWS, September, 1964.

Other improvements include self-propulsion that eliminates the use of a gasoline-powered railroad tow car while the sprayer is in use. Also, the spray boom is adjustable to different heights.

The trailer on the original spray rig was equipped with small aircraft tires. These proved to be unsuited for long high speed, highway travel. The new trailer now rolls along the highway on heavy, rugged truck tires at whatever speed the driver of the tow car chooses, which is usually about 50 mph on the open road.

This 1965 model was first displayed at the recent International Division Convention and was given an enthusiastic reception.

## Does Tricks, Will Travel!

Sports plane designed, built and flown by Nicholas D'Apuzzo, father of one of our Amchem secretaries. This plane and its counter-parts compete in aerobatic meets in various parts of the country and usually come out near the top. Building this type of craft is both a side line and a hobby with Nick who holds a masters degree in aeronautical engineering and is employed in this capacity by the U.S. Naval Air Development Center, Johnsville, Pa.







Jim Thirsk (r.) receiving; Dick Reeves (l.) presenting 20-year award



Both MCD Research Ed Piesciuk (l.) receiving; Jim Roberto (r.) presenting ten-year award.

Both Traffic



Mary Lou Carney (ACD Research) receiving; George Sawyer presenting five-year award.



Harold Collins (r.) receiving; Maurie Turner (l.) presenting five-year award.

### Congratulations!

These are the men and women of AMCHEM who have received Service Award Emblems between September 1, 1964 and December 1, 1964.

★ — 20 YEARS — ★  
James H. Thirsk

★ — 10 YEARS — ★  
Thomas J. Bueter  
Edmund R. Piesciuk

★ — 5 YEARS — ★  
Kenneth Bridge  
Mary Louisa Carney  
Richard Carson  
Harold M. Collins, Jr.  
Paul A. Cuppett  
Nancy A. Detert  
Walter Hicks  
Lillian C. Leiterman  
Edwin C. Nusbaum  
Raymond J. Robinson  
Robert D. Sorensen  
Thomas Tedesco



Dick Carson (l.) receiving; Charley Jack (r.) presenting five-year award.

Both Research Farm



Lillian Leiterman (ACD Sales) receiving; George Sawyer presenting five-year award.



Ed Nusbaum (l.) receiving; Al Sinclair (r.) presenting five-year award.



Ray Robinson (l.) receiving; Harry Bailey (r.) presenting five-year award.

Both Maintenance



Bob Sorensen (r.) receiving; Dick Reeves (l.) presenting five-year award.

Both MCD Research



Tom Tedesco (r.) receiving; John Horn (l.) presenting five-year award.

Both ADC Packaging

## Strikes and Spares with the Amchem Bowling League



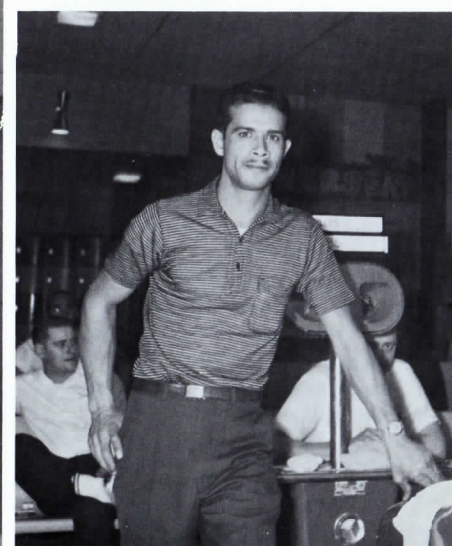
Carol Mattern "made that spare."



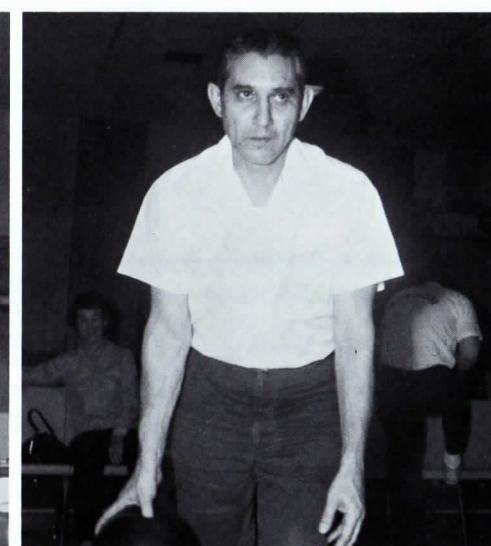
League president Joe Blessing keeps score.



Helen Davies eyes the ten pins.



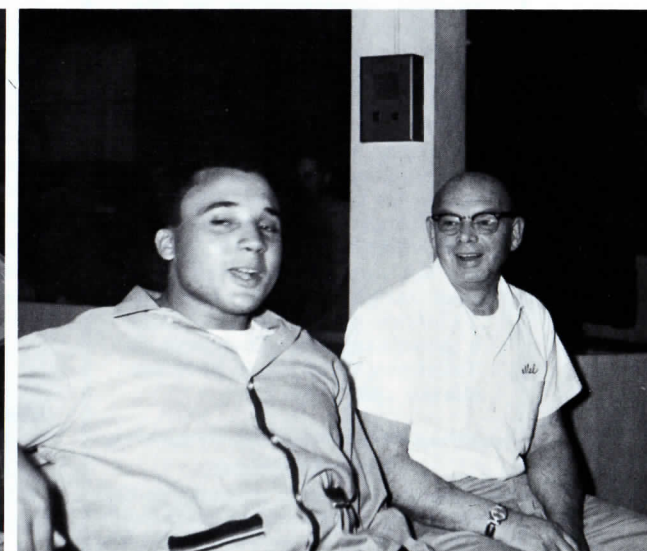
Shirley North awaits return of ball.



Tom Tedesco approaches alley, concentrates.



Helen Sanderson anticipates good score.



Bob Coleman (l.) and Mel Nagle (r.) rest while awaiting turn.



## SAFETY CONTEST

Month of: October, 1964

Following are the standings of the various departments.

A. ACCIDENT FREQUENCY RATE - Frequency rate of each department is based on performance of the past 11 months, plus current month.	B. PERCENTAGE OF IMPROVEMENT - Percentage of Improvement is based on performance of all preceding months within the current calendar year as compared with standing at the close of the previous year.
1. Construction	1. Construction
2. Receiving	2. Research
3. Maintenance	3. ACD Production
4. Research	4. Receiving
5. Packaging	5. Shipping
6. MCD Production	6. MCD Production
7. ACD Production	7. Packaging
8. Shipping	8. Maintenance

## Introducing New Members of the Amchem Stork Club

(Not previously listed in the NEWS)

DANIEL M. SICKEL

... November 16, 1964

Father: Edward Sickel (MCD Sales)

DREW J. TOMLINSON

... August 21, 1964

Father: Paul Tomlinson (Quality Control)

## IN MEMORIAM

George Lodge, Jr., an Amchem retiree and former receptionist at the Gate House from April, 1943 to September, 1959, died Thursday, October 8, in Montgomery County Hospital, Norristown. He was 85 years old.

Prior to joining Amchem he was employed for a number of years as office manager for the Alan Wood Steel Co., and later as sales representative for the New York Life Insurance Co.

Mr. Lodge formerly resided at 1222 W. Marshall St., Norristown.

Funeral services were held Saturday, October 10, in the Bailey Chapel, Norristown, from which he was buried in Riverside Cemetery, Norristown.

In addition to his wife, Jennie E., Mr. Lodge is survived by a step-daughter, Mrs. La Rue Taliaferro, a son, Lewis G., and a granddaughter, Theodocia J. Taliaferro, all of whom have our sincere sympathy.

## Condolence

We extend our sincere sympathy to Stig Sasse and the other members of his family on the death of his mother in Sweden, November 18.

## Welcome to Our New Employees

(Not previously listed in the NEWS)

NAME	HOME TOWN	ASSIGNED TO
RICHARD L. BARNES	Maple Glen, Pa.	ACD Sales
GRACE I. BURRELL	Penllyn, Pa.	Accounting
SHIRLEY D. CLARKE	Fremont, Calif.	Office, Fremont
JOHN W. DELANTY	Wyncote, Pa.	International
JUDITH L. FAIR	Royal Oak, Mich.	Office, Ferndale
CAROL J. GIORDANI	Ambler, Pa.	Advertising
HARLEY J. HALDERMAN	Fremont, Calif.	Production, Fremont
THOMAS S. KURTZ	Trappe, Pa.	Engineering Dept.
JOHN F. MAHER	Willow Grove, Pa.	ACD Research
PETER H. RUSSELL	Chadds Ford, Pa.	MCD Sales
ELAINE F. SATTLER	Philadelphia, Pa.	Advertising
EDITH E. WARRINER	Salfordville, Pa.	Personnel

## Along the Party Line

**Bridegroom:** The Ambler Gazette devoted five columns by five inches, including a picture, to the HARRY HALDEMAN-BARBARA MINIO nuptials which took place September 19, at St. Joseph's Church, Ambler. Harry is that polite and affable young man with the enviable golden thatch, who works in Receiving.

look at Dodi's "ice". Quiet ANNE CAMPBELL, Accounting, surprised her co-workers with concrete evidence of Joe Zenobio's intentions in the form of a nicely sized solitaire.

**Patients:** Our chairman, MR. CHERKSEY, looking very well after a short encore, in October, at Einstein Medical Center, Philadelphia. JACK CAMPBELL, MCD, spent a few days in the hospital, last September, having a little surgery performed. FRANNIE REIFF, Inventory Control, had some ear trouble corrected also via the surgeon's knife at Sacred Heart Hospital, Norristown, early this month. BILL COLE spent considerable time in the operating room this past summer where he had a few interior alterations effectively made.

**Mater et mater esse:** JOAN MARIOTZ, ex-Accounting has made an eight-pound, four-ounce contribution to the country's population by the name of Todd Charles, October 22. MARIE GALARUS, Accounting, has every intention of making a similar contribution after that baby shower on November 11.

**Observations:** If the Parking Lot keeps getting bigger, late-comers will be trespassing on Lou Diehl's dog cemetery. Who tried to make off with the change-maker at the coffeematic? That's the real McCoy on Lee Wilson's upper lip, not a hang-over from a Halloween disguise. To look at pint-sized Roy Eberz, Personnel, you'd never suspect that he was an All-Bucks-Mont high school halfback. Roy who looks more like a coxswain or horse jockey than a football player, has the press clippings to prove it.

**Got Rocks Dept.:** That "hello" and "hi" exchanged about a year ago between DODI DOBSON, Purchasing, and BOB TOMLIN, MCD Research Lab, has reached the engagement stage. For proof