Rorer-Amchem's \$8 Million Expansion Program

In a news release dated October 10, John Eckman, President of Rorer-Amchem, Inc., announced the start of construction of the new world headquarters of Rorer-Amchem in Fort Washington.

Mr. Eckman said the new corporate offices are part of an \$8 million ex-

pansion program to be completed by the end of 1974. He noted at that time that sales increases of over \$35 million in the last 18 months and continued strong demand made expanded production and warehouse facilities necessary.

The largest project is a \$5.5 million expansion of

the William H. Rorer, Inc. pharmaceutical operation in Fort Washington, Pa., increasing space under roof by over 50% to 524,000 square feet, or about 12 acres.

The release further stated that production capacity at Amchem's Texas City facility, which produces AMIBEN, is being expanded by onethird in response to rising demand by farmers who have been increasing soybean acreage to meet the "protein crunch." This \$1.5 million capital expenditure will enable Amchem to assure a growing supply of its major product.



Enthusiastic Response to ACD Symposia

Increased Sales, Earnings Reported by Rorer-Amchem for Third Quarter

In his report to shareholders for the third quarter ending September 30, John Eckman, President of Rorer-Amchem Inc., stated that Rorer-Amchem sales and earnings showed substantial increases in that period.

Commenting on this favorable situation, Mr. Eckman said: "This growth in sales and earnings continues to reflect the increasing diversity of our operations which were further extended by two recent acquisitions. In September we completed the previously announced acquisition of Metcast Corporation, a California company which is making the castings for our hip and knee orthopedic implants. On November 19 we finalized the purchase of Rotta Pharmaceuticals of Milan, a company that will add even greater strength to our successful pharmaceutical business in Italy.

"During the third quarter, the company repurchased an additional 31,300 shares of its stock, making a total of 62,300 shares repurchased this year."

ETHREL and AMIBEN Research Cooperators Express Thanks

"I've attended two outstanding research meetings in my life, one on the East coast and one on the West coast, and both were sponsored by Amchem."

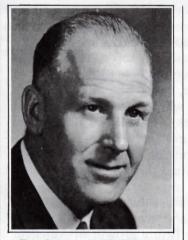
This is a typical excerpt from one of the score or more letters received by Stan Fertig, ACD Director of Research, following two symposiums—one on ETHREL® and one on AMIBEN TM—at Del Monte Lodge, Pebble Beach, Calif., November 26-30.

The writers were part of a group of 49 scientists, specializing in growth regulators and weed control, from 22 States and two Canadian Provinces, who had attended the symposiums and who have been giving ACD Research outstanding cooperation and support, over the years, to the development of both ETHREL and AMI-BEN. "Without their work in the field," states John Kirch, Manager of ACD Product Group I, which includes ETHREL, "we (ACD Research and Marketing) could not have developed, introduced and marketed ETHREL as smoothly as we did."

The conferences got underway with registration, introductions by Fertig, and welcoming remarks by M. B. Turner, Vice President ACD, at the dinner on Monday evening, November 26.

The ETHREL Symposium

Tuesday was devoted to reviewing the results of ETHREL applications on a variety of fruits, nuts and berries at the research sites of the various attendants or, as Fertig calls them, "cooperators." Including Fertig and moderators Chuck Smith and Bob de Wilde



DR. STANFORD N. FERTIG

from Amchem, there were approximately 20 cooperator participants in this part of the program, which was divided into 20-minute segments that were allotted to the discussion of each crop.

In the forenoon of Wednesday, a similar type of program was carried out on the effect of ETHREL on tomatoes, citrus fruits, nuts, berries and ornamental flowers and shrubs. The moderators at these sessions were Smith, de Wilde, Ken Dunster and James McKinleythe latter two also from ACD Research.

In summary, the cooperators discussed their own research programs, heard what their colleagues were doing, suggested additional needed research and offered guidance on methods which growers should follow to get the most benefit from the use of ETHREL.

"The highlight of the program," says Kirch, "was the ETHREL film on western tomato production. It is an educational 14-minute color movie of our biggest ETHREL market, western tomatoes for processing."

The AMIBEN Symposium

The symposium on AMIBEN was a one-day affair on Thursday, November 29. Fertig again made the introductions, with the welcoming addresses being made by Frank Precopio, Vice Pres.-Corporate Technical Director and Jack Davies, Vice President-Marketing ACD.

Both the research and marketing aspects of AMIBEN were discussed. Again, the research reports, based on findings in the field, were prepared and delivered by the cooperators. The marketing phase of *Continued on page*⁶

1



Message from the President

The year 1973 has been a successful year for Amchem. We have accomplished our corporate growth goal in both sales and earnings and have contributed, therefore, importantly to the growth of our parent corporation, Rorer-Amchem. I want to thank and congratulate everyone for contributing to this record year; in each business division of Amchem and in each of our corporate departments.

Looking ahead to 1974, we are confronted with problems, primarily in the area of raw materials supply. We are all aware of the energy crisis, the oil shortage, and the consequent effect that this has on our ability to obtain many key raw materials in just about every sector of our business. These problems are particularly acute as they relate to agricultural raw materials, most of which are very much affected by petroleum feed stocks.

We have a unique situation on our hands. While we are confident of our abilities to market sufficient product to continue the growth pattern established in 1973, we will be limited by virtue of supply, whereas in the past our problem had been creation of demand. We are, on a day-by-day basis, on top of the situation trying in every way to overcome these problems.

The year 1974, therefore, has to be approached on a flexible basis. Together we will have to run a very tight ship, as the expression goes. We will have to examine very carefully all expenditures and we must be particularly frugal and expense conscious. I am depending on all of you to bear this in mind throughout the year on a continuing basis.

Our manufacturing facilities have been, and will continue to be, expanded and made more efficient so that we can cope with the future growth of Amchem which we are confident of and committed to.

Our Research Department continues to generate new products and there are several developments which will result in new products and new business opportunities in both the Agricultural and Metalworking business Divisions. While growth will be limited in 1974, the future outlook is bright, and long-term, I am confident that our growth will accelerate, as a result of the concentrated effort, hard work, loyalty and dedication which has always been the hallmark of Amchem employees.

My sincerest wishes to you and your families for a happy holiday season and good fortune and good health in the coming year.



Rockstroh Named Director of Manufacturing

W. Graham Smith, Corporate Vice President of Manufacturing, made the following announcement on December 14. "I am pleased to announce that effective January 1, 1974,

"I am pleased to announce that effective January 1, 1974, Richard Rockstroh will be our new Director of Manufacturing. All Plant Managers and supporting staff will report directly to Dick.

"Dick has demonstrated more than adequate qualifications for this assignment and I know that, given the same measure of cooperation from other departments as I have enjoyed over the years, he will surely turn in an admirable performance.

"In my continuing role as Vice President of Manufacturing, I will be devoting my time largely to the physical aspects of our operations both here at Ambler and at our outlying locations, but will be available to 'back up', 'pinch hit', or 'lend a hand' as may be required."



Jim holds plaque which reads: "Troop 304–BSA GIFT (Get Involved For Them)...Jim Thirsk...13 Years Service...Red Cross Swim Program for the Handicapped...November 8, 1973."

Thirsk First in U.S. to Receive GIFT Award

Jim Thirsk, International Division, has the distinction of being the first recipient in the United States of a new Boy Scouts of America GET INVOLVED FOR THEM (GIFT) Award. The presentation of the award came as a complete surprise to Jim, on nique of teaching swimming to November 8, in St. Luke's the handicapped. He became so

Auditorium, Glenside, Pa. Jim earned this honor through his 13 years of service as a teacher and manager in the American Red Cross Swimming for the Handicap Program (see AMCHEM NEWS, February, 1972). The recognition came in a sort of roundabout way.

A few years ago, concurrent with his involvement in the Red Cross program, Jim also coached the Abington Dolphin Cadet swimming team, which included a little shaver named Jeff Plesser. As time went by, Jeff graduated into the Dolphin senior or "varsity" division and his contact with Thirsk was limited to occasional chance meetings at swimming meets, at which Thirsk served either as a coach or official.

However, about four years ago, Jeff approached Jim and volunteered to assist in teaching the handicapped in the Red Cross Swim Program.

Jeff, an apt pupil and now a member of Boy Scout Troup 304, soon learned the technique of teaching swimming to the handicapped. He became so interested in this work with Jim that he decided, as a candidate for Eagle Scout, to record his experiences, draft a teaching program and write a report on this activity and submit it to the Eagle Scout Board for evaluation. As a result of this and other noteworthy achievements, he was made an Eagle Scout, and at age 14, the youngest ever.

In conjunction with the formal conferring of the Eagle Scout honor, November 8, Jeff invited Jim to the ceremony. It was on this occasion that Jeff presented the GIFT Award to a very much surprised Jim Thirsk.

The GIFT Award is a new way for the Boy Scouts of America to recognize a worthwhile contribution to humanity. The selection of a recipient is left entirely to the Eagle Scout, and in the case of Jeff, as soon as he had attained his Eagle status he honored Jim simultaneously. He couldn't have made a better choice.



The Micsion-Wilson "Clinic" Keeps 'em Rolling

Would you believe that those little fork-lift trucks that you see scooting around the plant yard, in and out of buildings and around the myriad stacks of steel drums in a perpetrual-motion derby, really do rear up their forks, every once in awhile, and say, "I've had it!" Yes, they really break down occasionally and have to be taken to the "veterinarian" for treatment. The "vet" being Stan Micsion.

Although "Dr." Stan doesn't confine his practice to fork-lifts, these little work horses constitute the greatest number of his patients.

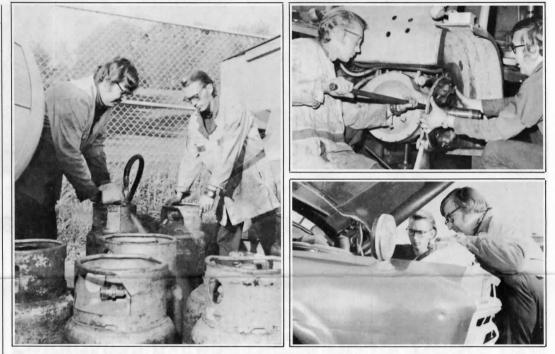
Replacing Axle Pins

When we visited his "clinic," we found him and his young "intern," Bob Wilson, performing what we thought was a major "podiatric" operation. Or to put it simply, they had taken the front wheels off a fork-lift truck and disassembled them. We learned from Stan that this complicated (to us) gesture was an essential step preparatory to replacing the worn-out pins that secured the axle to the frame of the truck, and that there was nothing wrong with the wheels, thus proving how mistaken we were in our preliminary diagnosis.

Replacing pins on fork-lift trucks, while not an everyday task at the Micsion repair clinic, is still one of scores of functions of a mechanical nature that Stan and assistant Bob are called upon to perform.

Both Stan and Bob are attached to Amchem's Maintenance Department.

60 Different Motors, Equipment With 19 gas-powered and six electric-powered fork-lift trucks, two tow motors, a bulldozer, five farm tractors, a heavy-duty paving roller, 10 trucks, seven automobiles, plus sundry other automotive equipment to keep in top operable condition, it is easy to see why that stack of magazines



(At top). Bob Wilson (1) and Stan Micsion working on front end of truck. (Above left). Stan and Bob fill tanks with propane gas for fork-lift trucks. (Above right). Bob and Stan disassemble front wheel of fork-lift truck. (Below right). Checking out engine of Company truck.

back in the clinic's corner is collecting a thick coat of dust. Altogether there are approximately 60 different kinds of motors and equipment to be cared for by the automotive maintenance shop.

It is absolutely necessary to keep the fleet of fork-lift trucks operating to the utmost of their efficiency in order to move raw materials to the manufacturing areas and, when these materials are finished, transport them to storage or the Distribution Center. Also, the fork-lifts are engaged in moving an assortment of materials, that constantly arrive in the Receiving Department, to their specific destinations throughout the facilities. Tune Ups Every 200 Hours

A record of each fork-lift truck is kept and each is given a tune-up after every 200 hours of operation and an oil change every 150 hours. Each is also given a weekly check-out and each engine an occasional which the engine, transmission

spray-steam cleaning.

A daily chore performed by Stan and Bob is filling a reserve supply of five-gallon tanks with propane gas and have them ready for the fork-lift operators. This bit of foresight eliminates lost time if each operator had to stop and fill his own fork-lift tank. Since a tank of propane only lasts about eight hours, replenishment is frequent.

Stan tells us that the most common failure in fork-lifts occurs in the electrical system. But, as with all automotive vehicles (as well as humans), failure is unpredictable and can happen anywhere, any time, and as a result, the automotive repair shop is prepared to cope with all emergencies.

Overhauled, Rebuilt Jeep

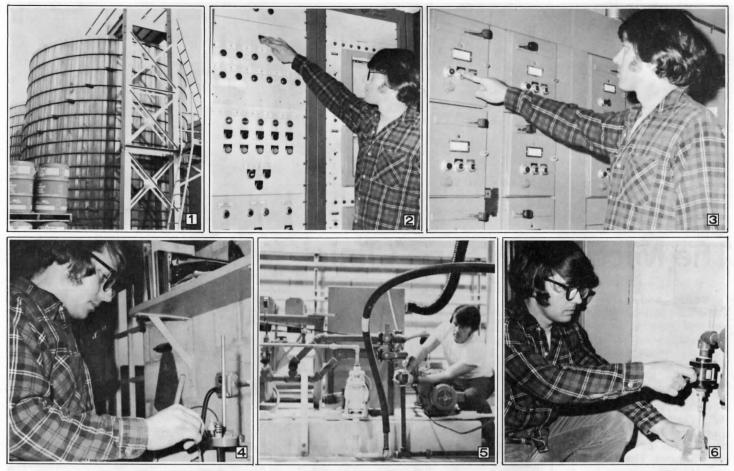
Among his most interesting and enjoyable accomplishments, Stan relates, was the complete overhaul of the little four-wheel drive Willys jeep in

and differential were completely rebuilt and in which new axles were installed. The Willys is such a sturdy, serviceable, and versatile little item that it was well worth the time and effort expended in its restoration.

Native Amblerite

Stan, a former Navy man, has been with Amchem since July, 1971. He was born and reared in Ambler and graduated from Ambler High School in 1961. He is married to the former Ellen Hannan. The Micsions, parents of two boys, ages four and five, live in North Wales.

Bob Wilson, who joined Amchem in January of this year, is a native of Philadelphia but now resides with his wife, the former Veronica Van Fossen, in Ambler. Mrs. Wilson formerly worked in Amchem's Accounting Department. Bob and Veronica have a girl, oneand-a-half years old, and are expecting another child.



The six progressive steps in the Amchem waste water purification system as explained in the text.

How Amchem Purifies Its Waste Water Effluent

On one of our frequent visits to Stan Micsion's "clinic" for ailing mobile equipment (see page 3), we called upon his next door neighbor, George Siglin.

When we thrust our head in the door, George was busy performing a multiplicity of chores involving gauges, piping, valves, start-up and shut-off lights, beakers and other basic laboratory essentials.

"What are you doing, George, concocting some sort of a witches' brew?" we ventured facetiously.

"You know better than that, Bill," replied George, as he lifted a beaker filled with a clear liquid up to the light, "this is serious business." We could see that George was in no mood for levity and that he approached the task at hand with solemnity. Thus, we avoided any further feeble attempts at humor.

Influent from Three Sources

"Right now," resumed George, "I'm checking out a sample of the combined influent from three sources-the MCD Laboratories, the Pilot Plant, and MCD Manufacturing-after it had gone through a purification process in that equipment that you see over there," as he pointed to a cluster of pipes and pumps deftly laid out and installed in the upper end of the building. With faderal and local

With federal and local

agencies emphasizing the necessity for environmental preservation, and although Amchem has been voluntarily treating effluent in a routine manner for a number of years, the Company decided to update its effluent purification process by installing a highly scientific system using the latest type of electronic sensitizing equipment.

Treats 20,000 Gallons Daily

Involved in the designing of the system were Karl Weigand, Amchem's Coordinator of Environmental Control for all Plants; George Russell, Engineering Department Head; and Paul Burger, Engineering; in collaboration with Betz Laboratories, Philadelphia, after a careful study of the requirements to treat approximately 20,000 gallons of effluent a day.

Ordinarily, we would not burden our readers with a description of how Amchem's water treatment system functions, but since the question, "What are you people at Amchem doing about pollution," is often put to employees, we thought it might be useful to explain it and illustrate it in the series of pictures above. **Purification Procedure**

The influent from the three sources is piped into one of two 22,000-gallon tanks (picture #1) located outside the building. When the tank reaches its capacity, a valve automatically shuts off the influent and activates a buzzer and a warning light on the control panel. Siglin responds to this alert by pushing the response button (picture #2).

In the next step Siglin presses a button-switch (picture #3) that starts the mixing equipment. He then extracts a sample of the waste water (picture #4) and analyzes it to determine the extent of contamination.

As the waste water is drawn from the outside tank (picture #1) it passes through the mixing equipment (picture #5) to which various chemicals, in liquid, gas and powder form, have been added. These chemicals are fed to the mixing equipment from adjacent tanks.

The purifying process keeps circulating until the liquid in the tank (picture #1) is free of contaminants. When this occurs the sludge is allowed to settle to the bottom of the tank, indicating that the water above the sludge line is now purified.

In the next-to-the-last step, Siglin draws a sample of the purified liquid, analyzes it to certify its purity (picture #6) before the effluent is discharged into the public sewer system.

Samples Double Checked

To substantiate the ef-

ficiency of the purification system, a sample is taken daily and tested by Robert Boulden in Amchem's Quality Control Laboratory.

The pumping of the sludge from the bottom of the tank into one of three other tanks, each with a capacity of 12,000 gallons, is the final operation. These tanks are located outside the building. The sludge is then hauled away in a tank truck by an outside contractor who specializes in disposing of this kind of material.

Although his work day is eight hours, Siglin is also on call for the remaining 16 hours in case of an emergency.

Joined Amchem in 1967

George, trained for his present assignment by Weigand, is a member of the Maintenance Department. He joined Amchem in June, 1967, after spending a year at Narco, Ft. Washington, and a year as a prop man at Western Recording Studios, Hollywood, Calif.

He was born in Ambler and attended both Ambler and Upper Dublin High Schools, graduating from the latter in 1962. He spent two years in the U.S. Navy prior to his trip to the West Coast.

He is married to the former Carol Lind, whom he had met while she was working at Amchem. The couple, who live in Lansdale, have a son, Eric, age one-and-a-half.

Sosnowski's Son Nominated by Juniata College

Paul Sosnowski, son of Teddy Sosnowski, Maintenance, and a junior at Juniata College, Huntingdon, Pa., has been nominated by his college for inclusion in the 1973-74 edition of "Who's Who Among Students in American Universities and Colleges." The award is conferred annually upon outstanding student leaders.

Selections are made by campus nominating committees and are based on decidedly above average academic standing, community service, leadership ability and future potential.

Paul, now 19, while playing offensive tackle on the 1970 Roxborough High School football team made the Coaches' All-Public High School team. He is also a standout baseball player, participating in both these sports on the Juniata varsity teams.

Bruno Helps Save Child's Life

In the last issue of THE AMCHEM NEWS we wrote an article on Ed Bruno's involvement in local volunteer work.

A specific instance of Ed's participation in such work was reported in the November 22 issue of the AMBLER GAZETTE.

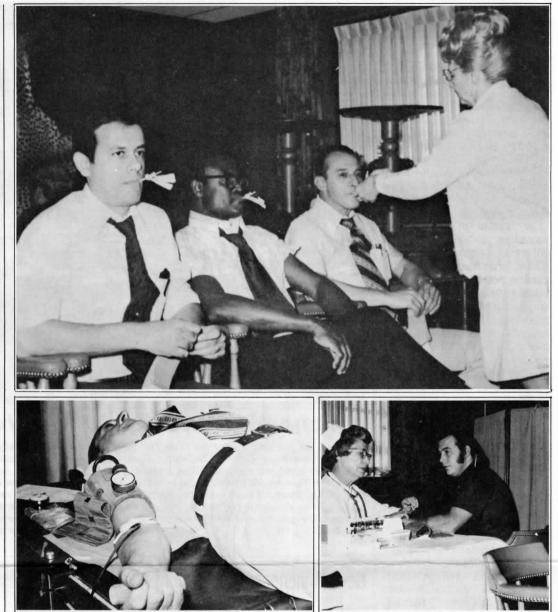
When little Kelly Anne Dolan, age three and a half, who suffers from aplastic anemia, became ill and lost consciousness after arriving at the Ambler Railroad Station on returning home from receiving one of her frequent blood transfusions in Children's Hospital, Philadelphia, Ed was one of the Ambler Community Ambulance crew who rushed the little girl and her mother, Peggy Dolan, to Suburban General Hospital, East Norriton.

In her message of thanks, printed in the GAZETTE, Mrs. Dolan wrote: "In the ambulance, Ed Bruno took over Kelly's resuscitation..."

This act, together with the alert assistance given by others in the emergency, helped to save little Kelly's life.

Great Lakes Region MCD Does It Again

Does what again? Broke the monthly sales record in October that it had set in June (see AMCHEM NEWS, Nov.-Dec.). In a brief note of November 5, Myron Johnson, MCD Sales Manager, Great Lakes Region, Continued on page 6



Employees Exceed Blood Donor Quota

On November 20, the American Red Cross Bloodmobile paid its annual visit to Amchem. Employees again donated more than their quota of blood. According to Bea Benner, who directs the program, of 125 volunteers who appeared that day, 104 were accepted. Most of the donors were repeaters from former years. As an indication of their loyalty and generosity, Bob Godorecci and Ed Bruno, although both had the day off, came in and donated.

Delanty Makes Interesting Observations on Warsaw and Moscow November Seminars

J. W. (Bill) Delanty, Vice President International Division, gives us some interesting comment on the Amchem Metalworking Seminars which he attended in Warsaw, Poland, November 16 and in Moscow, Russia, November 20 and 21.

In a rather hasty and urgent request from us, Bill dictated the following:

"Both meetings were well organized and well attended by specialists drawn from all over the respective countries. Our people-Greg Gibson, Les Steinbrecher, John Curran, Stig Sasse, Ray Montecino and myself-were warmly welcomed and treated very well. We found both the Poles and Russians externely hospitable people, very polite and quite formal in all dealings. Representatives of those countries are very careful about accepting gifts, entertainment, etc., from outsiders lest it be thought that their judgement might be colored. On the other hand, they were most hospitable to us. In Russia, for example, our group was taken to see a performance of the Bolshoi Ballet Company and to a Russian hockey game.

"In these days of Women's Lib, our activists would have been delighted at the makeup of the technicians attending the seminars-about 2 to 1 in favor of the women. For example, the person in charge of metal pretreatment technology in the Soviet Union is a woman, Madame Maschevskaya, and two technical papers given by the Russians (it was a joint seminar) were both authored and read by women. In Russia both our interpreters were women, although we had a man in Poland.

"Time was too short to cover the subject matter adequately, especially due to the need for interpreting all spoken language summaries of the papers, questions and answers. However, the interest was high at all times and much written material will follow in response to inquiries made there."

Symposia . . . continued from Page 1

the product was presented by Bob Baynard, AMIBEN Product Manager, and Marion Eggleton, Market Research and Planning-ACD. Stan McLane, National Program Director-ACD Research, who was moderator and structured the AMIBEN program, gave an excellent history on the development of AMIBEN, from its earliest inception to its present state of superior effectiveness.

A feature of this session, according to Fertig, was a color-coded card display board where, after each product discussion, each cooperator was asked to indicate the degree of emphasis he felt should be placed on the use of AMIBEN and AMIBEN mixtures on various crops in his own State or region.

When Fertig, who, away back in early summer, started to arrange for the affair, was asked for his reaction to the meetings, his response was: "Excellent organization, great cooperation, spirited discussion and conversation, enthusiastic response from cooperators and a delightful atmosphere for a technical meeting. We should try it again."

Western and Southwestern

Districts Sales Meeting On the Monday following the ETHREL and AMIBEN Symposiums, ACD's Western and Southwestern Districts held their Annual Sales Meeting, also at the Del Monte Lodge, December 3 and 4. The purpose of the meeting was to explain ACD's marketing plans for the 1974 season.

The Western District consists of the States of Washington, Oregon, California, Arizona, Nevada, Idaho, Montana, Wyoming, Utah and Colorado, with Texas, New Mexico and Oklahoma composing the Southwest District.

The agenda for the meeting, prepared by Bob Tisch, ACD Field Sales Manager, consisted of six working sessions on Monday, December 3, and nine on Tuesday.

Jack Davies, Vice President-ACD, reviewed the outstanding accomplishments in 1973 and outlined the sales objectives for 1974, stating that in spite of the difficulties in obtaining basic raw materials, he was optimistic about achieving 1974's goals.

MCD Continued from page 5 predicted that his ten-man sales force will break the sales record for one year ending December 31. Look for the confirmation of his prediction in the next issue of the NEWS.



Amchem's Newest ACD Merchandise Display

appeared for the first time at the Ohio Turf Show, held in Convention Center, Cincinnati, November 28-29. The booth was manned by Ron Straight, ACD Sales, and Tom Arnold, District Manager, ACD North Central East District, The show is held primarily for all those who are engaged in turf culture, particularly golf course and municipal park and recreational groundskeepers. While essentially a State of Ohio show, it attracted patrons from all surrounding states.

The display booth, Ed Horahan, Manager ACD Lawn and Garden Products, informs us, is flexible and can be used to exhibit and promote, in addition to lawn and garden items, Amchem's complete line of industrial and farm weed and brush-killers as well as the ETHREL line of plant growth regulators.

Geyer Announces New Appointments in Foster Division

With the promotion of Bruce Foster to National Sales Manager of both Thermal Insulation and OEM of the Foster Division (AMCHEM NEWS, Nov.-Dec.) John Geyer, Vice President-Foster and Hydro-Fax, has announced that Frank Owens, in charge of OEM Sales, West Coast District, has been promoted to OEM-Industry Manager, and will return to Ambler Headquarters in the near future. No successor to Owens has yet been named.

As of January 1, William F. (Bill) Lukens, OEM Sales, Northeast District, has been promoted to Area Manager of that district.

There are five Sales Districts for Thermal Insulation products and five for OEM (original equipment manufacturer) in the United States, Each operates independently and each has its own sales force. An organizational chart showing personnel alignment and their responsibilities is being prepared by Geyer.

As explained in the March, 1971, issue of THE AMCHEM NEWS, the OEM "task force" was originally organized under the guidance of Bruce Foster, in 1969, to explore the market for Foster sealants and adhesives in the trailer, appliance, metal specialities, silo and refractory industries.



Bruce Foster

With a nucleus of three people-Bruce, Frank Owens and Jim Palmer (now heading OEM Sales in the Mid-West District)-OEM has expanded in the short space of three years to a ten-man force, serving the entire U.S., with corresponding sales increases.

tending classes at St. Joseph's College, Philadelphia, from which he graduated in 1965 with a B.S. degree in business

Bruce Foster started his career in the Foster Division laboratories in 1961 while atadministration. He immediately went to work for Foster on a full-time basis in Foster's Federal Government Service Office in Washington, D.C., where he negotiated Federal contracts.

While engaged in this work, Foster's Philadelphia laboratories developed INSUL-FASTM, the first U.S. Coast Guard approved non-combustible system for sealing insulation on Coast Guard craft.

In 1967 Bruce was appointed a sales representative for the New York area, locating in Foster's Fort Lee, N.J. office. In 1968 he became Northeast District Sales Manager. The following year he was transferred to the Ambler office to develop and administer the OEM program.

Bruce was born in the Mt. Airy section of Philadelphia and graduated from the Lawrenceville School, N.J., in 1956. He spent the following four years in the U.S. Navy before matriculating at St. Joseph's.

He is married to the former Mary Rowley of Ardmore, Pa. The couple, parents of three girls, seven, three and one, resides in the North Wales area.

International Division Service Awards to Licensees

Nippon Paint Company, Ltd., Osaka and Tokyo, Japan



At Osaka: (Left to right) Messrs, Masamichi Nagatani, Yuuichi Yoshida, Youji Hirasawa, Takashi Makino, Mrs, Miyoko Kudou, Masayasu Warashina, Hisataka Yamamoto, Toshihiro Maeda.



(Left to right) Messrs, Kazuhiko Nishimoto, Masahisa Tada, Kingo Maeda, Takashi Tsuru, Kazuyuki Tsuda, Roberts, Masahiko Kato.



(Left to right) Messrs. Nishimoto, Roberts, Maeda, Tsuru, Tsuda, Kato.



At Osaka: Mr. Naohiko Sumie (1), Mr. Kiyohisa Maruyama.



(Left to right) Messrs, Tsuda, Nishimoto, Kato, Maeda, Tsuru, Roberts,



Service Awards at Th. Goldschmidt, Mannheim-Rheinau, Germany. were presented by Wayne Ellis, Technical Director, Foster Division. (Left to right) Hansjoachim Zurbig, Ellis, W. Geeven, Jorg Kaetzler, Helmut Richter, Dr. W. Klein, Service Awards were also given to Mrs. S. Katz and Dr. G. Matull, who were absent when picture was taken.

Harrison Named Manager Analytical Research

Under date of December 21, 1973, Frank Precopio, Vice Pres.-Corporate Technical Director, made the following announcement: ."I am very pleased to announce the appointment of Stanley L. Harrison to the position of Manager, Analytical Research, effective January 1, 1974.

"He will be responsible for development of residue analysis techniques, analysis of plant, soil, and animal tissue for residues, metabolism studies, consultation on toxicology studies and other studies requiring analytical expertise and which are needed for the labeling of ACD products."

Harrison, a native of Philadelphia and a 1960 graduate of Drexel University, has been with Amchem since May, 1967. He joined the Company following seven years as a chemist with Rohm and Haas, Philadelphia. He, wife Nancy and son Louis live in the Northeast, Philadelphia.



According to an MCD news release Amchem has recently acquired the product line of the L. O. Burrell Co. Inc. of Buffalo, N.Y. The Company plans to incorporate Burrell's line of steel pickling inhibitors and related products into its Metalworking Chemicals Division.

Burrell markets a broad line of metal treatment and prefinishing chemicals, including cleaners, deoxidizers, conversion coatings, rinses, and pickling inhibitors, to the metal fabrication trade.

7



AMY SUZANNE WILSON September 13, 1973 Father: Robert L. Wilson ACD Sales

ANDREW BRANDT WILSON August 18, 1973 Father: James G. Wilson MCD Tech. Services

Maintenance; Paul H. Heuton, ACD Sales; Paul R. Johnson, Clinton Plant; William C. Johnson, MCD Production; William T. John-son, Foster Sales; Clema T. Jones, Houston Office; William R. Kernen, Jr., Maintenance; Nancy D. Kilmer, Mechanical R&D; Kim Knuth, Clinton Plant; Ronald L. Kowzic, Clinton Plant; Lucy L. Kraemer, Industrial Relations; Roberto Lopez, Foster Dallas Plant; Mable L. Love, Ferndale Office; John M.

Smith, Ferndale Plant; Frederick F. Smith, Office Services; Thomas Solis, Foster Dallas Plant; James M. Spear, Foster Chicago Plant; James B. Spencer, Maintenance; Bobbie L. Stammer, Clinton Plant; Barbara J. Starke, Accounting; Brenda J. Tate, Accounts Pay-able; Jean Thorsten, ACD R&D; Rita L. Turley, ACD R&D; Charles Watson, Foster Phila. Plant; Charles A. White, Foster Sales; William R. Wylie, ACD Mfg.; Juan M. Zaragoza, Foster Dallas Plant.