McGUINNESS NAMED EXECUTIVE VICE PRESIDENT

John L. Sprague President and Chief Executive Officer

In a related move, Dr. Sprague also announced the election of Peter W. Maden to Vice Presidents.

WORLD HEADQUARTERS OFFICE TO BE ESTABLISHED

Sprague Electric Company was one of four companies selected by Data General Corporation to receive special recognition for our consistent performance and product qualification.

Sprague was specifically cited for the excellence of our aluminum electrolytic and solid tantalum capacitors, which are recognized as the key items among passive components. Our composite quality record for the past year is 99.9%, and Data General noted that we exhibited sufficient flexibility that we were able to support their schedule changes. Our plants in Clinton, Hillsville, Lansing, and Sanford deserve a special well-done from all of us for their efforts in this regard.

Also receiving awards were Hitachi for disc drive parts, Motorola for microprocessing and IC Motors, and Dataproducts for printers.
SPRAGUE EMPLOYEE WINS NEW ENGLAND SUGGESTER OF THE YEAR AWARD

Helga Guthrie, a Concord Tantalum assembly operator, was awarded suggester of the year from the New England Chapter of the National Associate of Suggestion Systems. Helga's suggestion involved building a fixture to sandblast excess molding from 50,000 capacitors. With her idea, she saved the company $28,000 and received a suggestion award of $4,200. The excess molding problem had been looked into by various technical personnel, but Helga, working with the product everyday, came up with the solution.

This award has been presented for the past three years and Paul Allaire, of our Sanford plant, won it in 1981. Sprague is two out of three in this competition and looking forward to 1984!

COMPUTERS AVAILABLE FOR EMPLOYEES

Sprague Electric has entered into volume purchase agreements with IBM and Hewlett Packard for the purchase of Personal Computers and appropriate software which will be made available to Company employees at discounted prices.

The offering is limited to one purchase per employee, and in addition to the volume discounts, the Company will provide assistance in the form of loan finance charges or its equivalent to employees wishing to purchase a Personal Computer.

Purchasing offices at each Sprague Electric location have complete details on how employees can participate in this program and will be prepared to identify the various IBM and HP equipment available for purchase at discounted prices as well as the various funding alternatives available to the prospective buyer.

Employees interested in buying a Personal Computer should first contact Local Purchasing to determine what computers are available to them. After obtaining this information, the employee should then visit local retail outlets to view the equipment and review available literature. Once an employee has determined what equipment he or she wants, they should submit a purchase requisition to Local Purchasing for the Personal Computer of their choice (Purchasing will assist in making out the requisition) and the computer will then be ordered. Current delivery for IBM Personal Computers is 12-16 weeks after receipt of order, but this could change at any time.

FUN FAIR ATTRACTS 12,000

On October 1, 1983, Sprague Electric Company in North Adams opened its gates at 11:00 a.m. and by closing time six hours later, 12,000 people had entered The World of Sprague Fun Fair.

The objective of the Fun Fair was to let area people know what Sprague Electric is all about. While the products we manufacture and the space age machines we are involved with are highlighted, the real emphasis was on the people who make up our Company.

Organized and run by Sprague management and production employees together, visitors enjoyed a craft tent filled to capacity with exceptional displays of handmade items produced by employees, many items of which were on sale at reasonable prices. Children were delighted with face painting and the food table complete with cheese, cookies, doughnuts, cider and apples proved to be a popular spot. Children were delighted with face painting and the food table complete with cheese, cookies, doughnuts, cider and apples proved to be a popular spot. Children were delighted with face painting and the food table complete with cheese, cookies, doughnuts, cider and apples proved to be a popular spot. Children were delighted with face painting and the food table complete with cheese, cookies, doughnuts, cider and apples proved to be a popular spot. Children were delighted with face painting and the food table complete with cheese, cookies, doughnuts, cider and apples proved to be a popular spot. Children were delighted with face painting and the food table complete with cheese, cookies, doughnuts, cider and apples proved to be a popular spot.

Displays and exhibits included a slide presentation highlighting employees in their work areas, product displays, a film history of Sprague Electric Company, a NASA display of the space shuttle, computer demonstrations, and a 3-D Titan Missile presentation just to name a few. Throughout the day there were give-aways and drawings were held for door prizes.

No matter how you measure it, the Fun Fair was a huge success and the credit has to go to those employees who made it possible.

FILTER DIVISION RECEIVES OUTSTANDING VENDOR AWARD

On Monday, December 5, 1983, the Westinghouse Defense and Electronics Division located in Baltimore, Maryland held an awards dinner honoring its top vendors. All vendors were rated on the basis of quality, delivery, service and price competitiveness. Of the more than 6000 vendors with which Westinghouse does business, on-
1983 QUARTER CENTURY RECIPIENTS

Sprague Electric Company had a total of 52 Quarter Century recipients this past year. This brings the total membership in the Club to 1899. Employees honored for 25 years service were:

CANOGA PARK: L. W. Beard
CONCORD: Marjorie R. Andrews,
Hazel P. Price, James Rash,
Grant D. Avery, Helen W. Drew, Jeannette L.
Fifield, Aurea Laliberte, Alphonse J. Lanzo,
Robert E. Locke, Rena M. Preve, Winifred L.
Boudreau
HILLSVILLE: James F. Dwyer, David
R. Anderson
LANSLING: M. C. Ballou, Harry
Blevins, Emma L. Daye, Lexie K. Duvall,
John A. McNeil, Hazel P. Price, James Rash,
Winifred E. Rash, Sylvia D. Roark, Mary R.
Sexton, Breece Sturgill, Edra Sturgill, E. T.
Sullivan, Jewell Wilcox, Joseph W. Young
NASHUA: Robert R. Purple
NORTH ADAMS: Edward C. Geissler, Carl.
J. Pamiano, William King, James P. Sherry,
Gale H. Maher, E. James Fresia, Ronald W.
Sacco, David G. Thompson, Robert W.
Herzig, Dorothy Swanson, Gerald W. Bun-
ting, Susan M. Cancro, David M. C.
Cheseldine, John J. Randall, Jr., Doris H.
Boschetti, M. Joy Beckwith
SALES: Nancy Papskar
SANFORD: Ralph E. Pierpont
VISUAL: Vernie Williams, Juanita
Gaggos, Chuck Schumacher, Claborn
Ragan
WICHITA FALLS: Darnall P. Burks

KATIE SNOGRASS NAMED PLANT MANAGER

Katie Snodgrass has recently been promoted to Plant Manager of the Annapolis Junction facility.

Ms. Snodgrass joined Sprague Electric in 1966 as a Filter Maker B and moved to Steno Secretary in 1967. In 1969 she became a Material Buyer/Expediter and moved to Buyer II in 1972, a position she held until she left the Company in 1973. Ms. Snodgrass rejoined Sprague in 1978 as Materials Manager and later became Manufacturing Manager, a position she held until her promotion to Plant Manager.

SPRAGUE PART OF MISSILE SUCCESS

The first flight of the Peacekeeper missile was conducted on June 17, 1983, from Vandenberg Air Force Base in California and all indications are that the flight was a complete success and that all test objectives were met. What makes this particularly significant for Sprague Electric Company and its employees is that without our tantalum capacitors — solids, foils and wet slugs — which were widely used in the electronic system of the missile, the Peacekeeper would never have made it off the ground.

Just as the success of the missile launch is a tribute to the total team effort of contractors and subcontractors, so too is the success of our tantalum capacitors a tribute to all employees involved in the manufacture of these products. All deserve congratulations.

U. S. SENATOR MITCHELL VISITS SANFORD

On September 9, 1983 the Sanford, Maine, plant was honored by a visit from one of Maine’s most important people, U. S. Senator George Mitchell.

The visit began with a brief question and answer session held with plant management. Senator Mitchell answered questions on topics ranging from the Korean Airlines Flight 007 tragedy and the Russian wheat deal to the effects of tariffs on Maine’s shoe industry.

Next, the Senator toured the plant stopping at employee work stations over 250 times to shake hands, pose for photographs, chat and listen. His energetic manner and smile left an indelible impression on employees.

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Electronics of $3.2 billion.

The trade in electronics reached $45.3 billion and shipments, according to the Electronic Information on the electronic industries. In announcing the statistical data, Peter F. McCloskey, president of EIA, stated, "Despite the relatively poor showing of the nation's lagging economy." The Electronic Industries Association is the full-service national trade organization representing the entire spectrum of companies involved in the manufacture of electronic components, parts, systems and equipment for communications, industrial, government and consumer-end uses.

**ELLEN RICHARDS NAMED ANnapolis Junction EMPLOYEE OF THE QUARTER**

Chosen by a panel of five judges, Ellen Richards, a Receiving/Shipping Clerk, was chosen from a field of six candidates as Annapolis Junction Employee of the Quarter for the third quarter of 1983. As the winner, Ms. Richards will receive a $50 savings bond. Also nominated for the award were Pauline Riddle, Frances Stanbury, Verona Davis, Linda Denton, and Suncha Anderson.

**ELECTRONICS UP, DESPITE ECONOMY**

United States shipments of electronic equipment, systems and components totaled over $126 billion in 1982, representing a growth rate of 7.9 percent over 1981 shipments, according to the Electronic Industries Association (EIA).

The Association also announced U. S. trade in electronics reached $45.3 billion and yielded a balance of trade surplus in electronics of $3.2 billion.

An estimated 1,619,400 Americans were employed in electronics in 1982, an increase of approximately 2.3 percent over 1981 employment.

The EIA annually reports statistical information on the electronic industries. In announcing the statistical data, Peter F. McCloskey, president of EIA, stated, "Despite the relatively poor showing of the nation's economy last year, the electronic industries continued to show growth in both overall sales and employment. The high degree of new product innovation and enhanced productivity combined to offset the negative trends in the nation's lagging economy."

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**CLINTON GIRL CROWNED JUNIOR MISS**

Valerie Parke, daughter of Clinton Plant Manager Charles Parke, was crowned 1984 Junior Miss of Oak Ridge/Anderson County (Tennessee) on September 4, 1983. Ms. Parke followed her triumph with a third place finish in the state-wide competition on November 12, 1983.

A senior at Clinton Senior High School, Valerie is a member of the National Honor Society, captain of the girl's volleyball team and was named a delegate to Girl's State. Valerie sings as a featured soloist at Clinton's First Baptist Church and her dream, she says, is to sing at the Metropolitan Opera in New York.

**LIFESTYLE DEVELOPMENT PROGRAM**

When you've got your health, you've got everything. Certainly everyone has heard this saying, and most people probably agree. Good health can help us live longer, but more than that, good health improves the quality of our lives so that life can be better.

Good health does not come about by luck. Those who enjoy good health have made decisions that have lead them there: decisions such as not smoking, losing weight, and exercising are conscious, deliberate choices that are made when an individual desires a positive change in his or her life.

With this in mind, a program called Lifestyle Development has been piloted by the Sanford, Maine, plant. Its interest is to assist participants in making the right decisions that can possibly add to both the quality and length of their lives. This five-step program is initially being presented to Management by the Center for Health Promotion of the Osteopathic Hospital of Maine.

The first step is the decision to become involved in the Lifestyle Development Program. Step 2 is the Lifestyle Assessment, in which the participants learn how their present lifestyles impact their health in terms of risks and what they can do to control these risks. The first part of the Lifestyle Assessment is answering a computer-analyzed questionnaire that is geared to finding out the participants present lifestyle. The questions ask about personal habits and reactions to stressful situations. The second part of the Lifestyle Assessment is a limited physical.

In Step 3, each participant receives a computer printout of information compiled from the Lifestyle Assessment. A health counselor explains the printout, which compares the participants' present health status to the averages of people the same age and sex. This printout also lists the health benefits that could occur if the participants positively modify their lifestyle. For example: A two pack-a-day cigarette smoker may receive a printout that says he or she could have a 49% less chance of heart attack or stroke if he or she didn't smoke. In addition, the printout may state that 4.8 years could be added to his or her life expectancy if smoking was stopped.

After all this information has been explained to the participants, they are ready for Step 4, identifying and deciding what lifestyle changes each wants to make. Goals are set and commitments to reach them are made.

The fifth and final step is the most important, actually following through with lifestyle changes.

Successful participants of the Lifestyle Development Program will have made important decisions that will contribute to their good health and the quality of their lives. After all, when you've got your health, you've got everything.

**SPRAGUE QUALITY RECOGNIZED**

“Ship-to-stock” programs, whereby products are shipped directly from the manufacturer to the purchaser's stock without first being inspected by the purchaser, are continuing to increase in popularity and Sprague Electric Company is part of that growth.

In June, 1983, Wescom, a division of Rockwell International, approved our Nashua plant for direct shipment of product to stock, bypassing its Receiving Inspection department. Similarly, Digital Equipment Corporation granted ship-to-stock status to Wichita Falls. Such status recognizes the consistency of high quality products being manufactured in these facilities as well as Sprague Electric's conformance to sound quality systems.

**WRITING CONTEST WINNER**

Donna A. Diodati, niece of Robert Diodati, Industrial Relations Manager in North Adams and daughter of Anne Diodati, a former Sprague employee, recently won first prize for non-fiction in the annual writing contest sponsored by the Connecticut Writer's League. Her prize-winning story, entitled "Gray and White Whiskers" is about her maternal grandfather, the late Edward M. Colbert, of North Adams. The story, which appeared in The Connecticut Writer, an annual anthology, besides her free-lance writing career, Ms. Diodati supervises technical writers at Aetna Life Insurance Co. in Hartford, CT, where she has worked since 1979.

**INDUSTRY APPRECIATION DAY AWARDS**

Wichita Falls, Texas, Plant Manager, J. D. Tackett (left) is shown presenting Bill Milton, Group Vice President, and Bob Marlowe, Industrial Relations Manager, with an authentic Circle Deuce© branding iron and a Circle Deuce© branded leather plaque. The inscription reads, "Sprague Electric Company - Industry Appreciation Week - October 1983 - Wichita Falls, Texas." These awards were initially presented to J. D. Tackett at an
industry appreciation event held on the grounds of the over 1/2 million acre Wagoner Ranch. This event was one of the week long scheduled activities organized by the local civic leaders in recognition of local industry and included a full page write-up on Sprague Electric's Wichita Falls plant and its employees in the Wichita Falls Times.

**SPRAGUE EMPLOYEES COMPETE IN BENEFIT ROAD RACE**


In the 9.25 mile event, Ray Lussier finished first in his age group in a time of 32:55. In the 2.7 mile companion race, which also benefited the Northern Berkshire Youth Hockey Association, were: Fred Thompson, 15:09; Richard Bellini, 16:24; John Childs, 18:03; Leon Beverly, 18:46; Fran Abuisi, 19:00; Jerome Koenig, 19:06; George Olsen, 21:12; and William Hein, 23:47. Messrs. Thompson, Bellini and Beverly finished first in their respective age groups.

This race was run in conjunction with Sprague Electric's sponsorship of the U.S. Olympic Committee as the Company purchased one kilometer in the countrywide "Olympic Torch Relay." That relay, which will cover all 50 states, begins in New York State and was promised and 34 pints were given. This is typical of Sprague people at all of our branch locations.

**CLINTON EMPLOYES COME THROUGH AGAIN**

The cooperation of strong at Clinton Sprague. Before Carolyn Raby's (DQB) mother died, she used 63 pints of blood which were not covered by a blood replacement or other insurance program. Even though most employees had never met Carolyn, 34 employees volunteered to give replacement blood. On the day of the drive, 7 employees were unable to donate but 3 employees and 4 Associated Mechanical contractor employees stepped in. In all, 34 pints were promised and 34 pints were given. This is just one more example of the team spirit at Clinton Sprague. The Sprague Electric Log is typical of Sprague people at all of our branch plants. Once again, a salute to our fellow employees who have not signed up are asking for a special thanks is extended to Wilma Cardwell who coordinated the drive.

**WORCESTER EMPLOYEE COMBINES HOBBY WITH CHARITY**

Gordon Peterson, Manager of CAD Service at the Worcester Semiconductor Facility, has always loved cars, particularly Corvettes. In 1974, he bought an abused 1963 Corvette Sting Ray and completely disassembled the car to its bare frame, which was purchased for $600. He then reassembled it back through the previous owners, recorded the car's history and located the original engine, which along with the drivetrain, was rebuilt and installed. After 6 1/2 years of effort, the car was finally registered and is as

**QUALITY CIRCLES ACTIVE IN HILLSVILLE**

In the past year, since the Quality Circle Program was implemented in the Hillsville Plant, three Quality Circle Teams have been trained. They are the Hilltoppers, the Searchers, and the Quality Troopers. There are 25 employees participating on these three teams. A fourth team has recently begun in the Axial Finished Line and the eleven members are now in the process of training. They are: Betty Fariss, Barbara Harmon, Irene Adams, Dorothy Martin, Zella Coulson, Shirley Dalton, Betty Jo Griffin, Karen Worrell, Elaine Jennings, Clyde Edwards, and Michael Deskins.

In addition, The Quality Circle Team, The Searchers, recently made a Management Presentation on Reduction of Bent Tabs. The proposed method allowed significant advantages and savings in scrap loss of units and tabs with the indicated savings in the $30K range on only two case sizes and a potential savings throughout all case sizes of $370K based upon one year's production. Members on this team are: Larry Quesenberry (leader), Mary Sutphin, Judy Myers, Nancy Thomas, Connie Nester, Charlene Gardner, David Lineberry, and Junior Sharpe.

**EMPLOYES HELPING OTHERS**

At this time of year it seems particularly appropriate to remind employees of the Employe Benefit Funds at the various branch locations.

In order to eliminate yearly solicitations for charity, Employe Benefit Funds were organized at our branch plants. Under these funds, each employee solicited for deductions from their paychecks to become a member of the Fund. Thereafter, only employees who have not signed up are permitted for individual contributions.

Only those organizations which have been determined to be exempt organizations by the I.R.S. are eligible for Benefit Funds. In the past, employe contributions have gone to the United Way, March of Dimes, American Cancer Society, Muscular Dystrophy Association, American Heart Association, St. Jude's Hospital. The Shriners and, foster care associations, just to name a few.

To enroll in the Fund, employees must contact their Industrial Relations department and fill out a Benefit Payroll Authorization Deduction Card. This is a tax-exempt fund and contributions can be deducted from your income tax. So in this season of giving and giving thanks, the Sprague Electric Log asks you to remember those who can't help themselves and give real meaning to the phrase, "I gave at the office."

**SANFORD NAMED PLANT OF THE YEAR**

It's official! Heartiest congratulations are in order to all the dedicated employees of the Sanford, Maine facility which has achieved Plant of the Year award for 1983. Among the recognition awards will be an engraved silver-plated bowl for the plant, as well as a monetary award for each employee. In addition, a special vacation was awarded to Plant Manager Robert Poitras. Second place went to Worcester with the Barre plant in third place. The employees of these two plants are also deserving of plaudits for their fine efforts.

In identifying all-around performance, the basic consideration was how well the individual plants did in meeting their forecast plans for 1983. Some of the specific performance factors which were measured include shifts, inventory, performance, percentage of customer lots returned versus lots shipped, as well as other quality measures. The effort and teamwork which was required to win this prestigious award is typical of Sprague people at all of our plants. Once again, a salute to our fellow employees at Sanford and good luck to all employees at our 15 facilities who will be competing during 1984 for "Plant of the Year."
SANFORD MANAGEMENT FALLS AGAIN IN SOFTBALL

August 25, 1983, is a day that will definitely not go down in the annals of sports history. On that day before a packed audience in Sanford, Maine, a team of wide-eyed shellacking they suffered in 1982. Management Coach Bob Arena was hopeful, but those hopes were soon dashed as the Women's team, coached by Employment Manager Coco Hirstel, defeated the Management Team by a score of 15-5.

The Management Team, sponsored by Sprague Electric in the Sanford Women's Softball League, had just finished their regular season in 3rd place. The women had actually been in a three-way tie for 1st place as the season ended with a record of 15 wins and 3 losses. However, in the play-offs that were held to determine the top three slots in the league, the women lost to two teams they had previously beaten in regular season play.

Although the game consisted of mostly “low” points for the Management Team, there was one “high” point: a triple play executed by the Management team that squelched, at least for one inning, the powerful offense of the women.

At the end of the 9th inning, the Women’s Team began looking ahead to 1984, the year in which they hope to record their first win.

LANSING GOES BACK TO BASICS

In addition to their ongoing Safety Program, almost one hundred employees at the Lansing plant were given the opportunity to attend a Back School taught by Ms. Joan Roan, a Registered Physical Therapist. Because the purpose of the school was to teach employees better lifting techniques and better back care, employees who were selected to take part in the school all have jobs that call for various lifting situations. Ms. Roan used a slide program in her course based on an actual situation in the Lansing plant to show employees both proper and improper posture as well as outlining areas where heavy lifting is encountered.

Response to the program from those participating has been excellent.

To give you an idea of how the club is run, here are:

10 Commandments of The Chubbettes
1. To be a Chubbette the commitment is for 8 weeks minimum.
2. If weight is gained it will cost $1.00 per pound gained.
3. The one who loses the most weight in one week is considered the winner.
4. The winner collects $1.00 from each person with the exception of those who gain and they would then pay $1.00 plus $1.00 per pound gained. Example: 6 pounds gained — $7.00 paid.
5. Weight loss will be tabulated from previous low weight. Therefore if one week a chubbette gains 2 pounds, to stay even (s)he would have to lose those 2 pounds first or pay the penalty.
6. If a chubbette decides for whatever reason to drop out before the 8 week period, a $10.00 fine will be imposed. This $10.00 is to be paid upon resignation.
7. No chubbette should ever reveal the weight of any other chubbette. If any chubbette is caught doing this, the remaining chubbettes have the right to sit on the traitor.
8. Weigh in will be conducted each week on Friday morning and must be weighed in and witnessed by another chubbette.
9. Each person is free to follow the diet of their choice.
10. Chubbettes in good standing have the right to verbally harass any chubbette who has fallen by the “weight-side.”

Groups number 6 to 10 people and so far there have been eight sessions with a total weight loss of over 350 pounds! If you want to lose weight, this has got to be the better weight program.

THE BETTER WEIGH

It’s never easy to lose weight, but Worcester has employees who believe you can diet, lose weight and have fun at the same time. Deciding that they would like to lose weight and have the encouragement and support of their fellow workers, the CHUBBETTES was formed.

A suggestion award of $3225.00 was made to Margaret White of Tantalum Formation in North Adams by Frank Gamari, Division Manager. Ms. White, who is currently on a leave of absence, developed an idea involving the use of a heavier spring to hold down the core rod of a press, allowing it to run on a continuous cycle. Taking part in the presentation is John Pierce, Tantalum Superintendent.

IT’S FOR YOUR OWN GOOD

As the weather gets colder, remember... . . . Without exercise, the muscles get flabby. The bones become brittle. The heart muscle becomes soft; in medical terms, “cardiac reserve” is lost. The weakened heart muscle is less able to respond to the needs of stressful situations. Improved muscle tone and increased activity strengthens bones and ligaments as well as muscles. No exact figures document the extent to which exercise is important for life expectancy. However, most authorities believe that lack of physical activity in the United States accounts for much of our poor record in longevity.