Long Service Sales
Reps Kahan, Kooker
And Norman Retire

Three veteran Sprague Electric field sales executives retired at the beginning of this year, according to Carroll G. Killen, Vice President, Sales and Corporate Marketing.

Irving J. Kahan, dean of the Company's sales force as Regional Manager in Chicago, retired after 35 years with the Company. His successor is Robert M. Patterson who was formerly Associate Manager for the Chicago region.

William B. Kooker, Carolina District Manager with headquarters in Winston-Salem, North Carolina has also retired but will remain with the Company with substantially lessened duties covering a limited number of accounts. Robert E. Nowell, previously Sales Engineer in the Carolina District Office, has been named to succeed Mr. Kooker.

George H. L. Norman, District Manager for Florida for the past 8 years and previously District Manager at Los Angeles, California, has also retired, but will remain with the Company on a part time basis with special account responsibilities. William J. Cutter, previously Associate Manager for Florida, has been named to succeed Mr. Norman.

Mr. Patterson joined Sprague Electric in 1964 as Midwestern Semiconductor Sales Engineer and since April of 1968 had served as Assistant Manager of the Chicago Regional Office. He is a graduate of the United States Merchant Marine Academy, Kings Point, Long Island where he received a bachelor of science degree. Prior to joining Sprague Electric he was associated with Texas Instruments in various sales engineering and sales management posts. He was also previously employed by Automatic Electric Laboratories, Northlake, Illinois and

Realignment of Support Personnel

With the implementation of the new decentralized operating responsibilities local support personnel are being assigned directly to the product lines in which they are involved. Included in the responsibilities of the operating vice presidents will be the following functions, some of which have been handled up to now on a centralized functional basis:

Manufacturing
Product Marketing
Product and Process Engineering
Local Purchasing
Material Control
Cost Standards
Local Industrial Relations

At the present time a number of new assignments affecting staff personnel are being made to fully implement the operating groups. Certain personnel presently reporting to various staff executives will be transferred to report to the operating groups, while others will remain in the staff organization.

A new concept of decentralized operating responsibilities was placed into effect at the beginning of the year, it was announced by Robert C. Sprague, Chairman of the Board and Chief Executive Officer. Under the realignment of the executive organization, three operating groups report to Bruce R. Carlson, President. Each group head has profit responsibility for the various product lines under his jurisdiction.

Heading Semiconductor Operations is Dr. John L. Sprague, Senior Vice President. Included are the Company's Semiconductor facilities at Worcester, both transistor and integrated circuit package operations in Concord, and subsidiary operations at Micro Tech Manufacturing at Worcester and Sprague-Tucson Inc. of Tucson, Arizona.

Another Vice President, William S. Templeton, has been assigned operating responsibility for ceramic capacitor manufacturing at Nashua, New Hampshire, Wichita Falls, Texas, and North Adams; paper and film capacitor manufacturing operations at North Adams; magnetic components and assemblies operations at North Adams and Visalia, California; and for Dearborn Electronics, Inc., a subsidiary located at Orlando, Florida.

William E. McLean, who was elected a Vice President, Operations on January 1, 1969, is responsible for aluminum and tantalum electrolytic capacitor operations at North Adams; Lansing, North Carolina; Hillsville, Virginia; Plymouth and Concord, New Hampshire; and Sanford, Maine. He will also have responsibility for resistor operations at Nashua, New Hampshire; paper and film capacitor manufacturing at Barre, Vermont; and for Sprague Electric of Canada, Ltd.

Robert E. Kelley, Senior Vice President, Legal, and Robert E. Armitage, Treasurer and Senior Financial Officer, will continue unchanged in their duties, reporting to Mr. Carlson.

Also reporting to Mr. Carlson will be David B. Peck, who has assumed the duties of Vice President, Development and Planning, with primary responsibility for new product development and technical coordination in passive components and for overall coordination of planning activities. Dr. Walter J. Bernard was promoted to Director, Research and Development, reporting to Mr. Peck. Also under Mr. Peck's direction will be the Company's Corporate Planning, Patent Services, and Corporate Engineering Services.

New product development and long range planning in semiconductors and integrated circuits will continue to be the responsibility of Dr. John L. Sprague. Development programs in both passive components and semiconductors will be coordinated through a new research, continued on page 4.

Dividend Declared

Directors of the Sprague Electric Company declared a quarterly dividend of 10 cents per share on the Company's common stock, payable on March 12 to stockholders of record at the close of business on February 14, 1969, it was announced by Robert C. Sprague, Chairman of the Board and Chief Executive Officer.
R. C. Sprague Reviews Electronic Industry's Prospects For Coming Year

It is apparently increasingly difficult for total electronic shipments to grow at a rate much above the general economy because of the present size and depth of the industry. On a long range basis, I believe the industry can still average 5-6% per year overall growth rates, but this will obviously vary substantially from year to year and certainly from one product family to another. There are, and probably always will be, excellent opportunities for individual companies to attain higher than average growth rates by doing an outstanding overall job in carefully selected areas of concentration.

The short term outlook for the industry is unusually difficult to assess because of the fundamental uncertainties in the military segment of the market. The U.S. market, along with NASA projects, represents over 50% of total industry shipments. Some of this is directly or indirectly related to Vietnam and to the various international discussions now in progress. Assuming a continuation of the bombing and fighting in Southeast Asia for another year, the EIA has estimated that government electronic shipments would increase about $12.7 billion in 1969 versus the $12.3 billion estimated for 1968. If an armistice or a major de-escalation is achieved, comprehensive studies indicate a slight decrease in government electronic shipments over a period of about two years. Regardless of the short range conditions associated with Vietnam, the longer range requirements (1971-1975) strongly indicate the need for military electronic shipments at rates substantially above the current levels. The new administration will, of course, be re-evaluating all of the various alternatives and it is, therefore, doubly important to closely monitor the overall military electronic requirement and the prospects for specific defense programs.

In 1968, the overall consumer electronics shipments increased an estimated 4½% to about $4.5 billion. These figures include U.S. produced equipment plus imports under U.S. brand names. Excluded are the foreign label imports which are a substantial part of the overall U.S. market in many categories. Perhaps the major surprise was the strong showing of black and white TV for the year. Auto radio also had a very strong year, as the automobile industry continued its above average sales performance. In addition to the above items, there are a wide range of smaller volume electronic and related consumer equipment (such as tape recorders, electronic organs, records, toys, etc.) that are averaging close to $600 million a year.

Consumer electronic sales are, of course, dependent on many external factors. The higher income and social security taxes, along with continued high interest rates, could hold the overall 1969 consumer electronic sales to levels around the 1968 levels.

The industrial electronic equipment market increased from $5.74 billion in 1967 to an estimated $6.1 billion in 1968. Computer and data processing equipment continued to pace the growth in this market and a similar pattern is expected for 1969. Although electronic components shipments increased by a modest 3% to about $5.62 billion in 1968 from $5.48 billion in 1967, the improvement was due almost solely to the continued substantial growth in usage and shipments of

Check Social Security Every Three Years

Employees are encouraged to check their Social Security records every three years to make sure all deductions from their pay checks have been credited to their records. This is particularly true for those who have changed employers, and where there might have been a mistake in reporting deductions. Usually, Social Security earnings records cannot be changed after a three year period.

To check your earnings fill out the coupon below and mail it to the nearest Social Security Office. (For North Adams employees the office is at 74 North street, North Adams, Mass. The local office will forward the coupon to SS record headquarters in Baltimore where a confidential report will be prepared and returned to the sender.)

REQUEST FOR STATEMENT OF EARNINGS

Social Security Number
Date of Birth
Month Day Year

Please send a statement of earnings recorded in my social security account to

NAME Mrs.          Mr.
Street & Number
City & State Zip Code

Sign Your Name As
You Usually Write It

Sign your own name only. Under the law, information in your social security record is confidential and anyone who signs someone else's name can be prosecuted. If your name has been changed from that shown on your social security account number card, please copy your name below exactly as it appears on that card.

Nashua Plant Celebrates 20th Anniversary

Highlight of the Nashua Service Award Dinner was the presentation of awards to employees hired the first day the plant opened in 1948. On hand to extend their congratulations were Ernest L. Ward, Vice Chairman of the Board, and John D. Washburn, (right rear) Corporate Director of Industrial Relations. Recipients (front left to right) were: Elizabeth Drouin, Albina Scotch, Claire Pinette and Mary Lashek. Back row: Albert Gosselin, Cecile Caron, Betty Ulbin, George Malbur and Agnes Juonir.

A total of 133 Nashua employees were honored at a Service Award dinner held here last year at the McNulty-Foley Restaurant in Nashua. Senior member of the group was Fred Powers, Production Superintendent of Resistors, who was honored for 35 years of continuous service. He was originally employed at North Adams.

Also honored were 23 twenty year employees who joined the Nashua operation in 1948, the year in which the plant was originally opened. Others receiving awards included: 50 with fifteen years of service, 5 with ten years, and 54 with five years.

High light of the evening's activities was the presentation of awards to employees hired the first day the plant opened in 1948. On hand to extend their congratulations were Ernest L. Ward, (center) Vice Chairman of the Board, and John D. Washburn, (right rear) Corporate Director of Industrial Relations. Recipients (front left to right) were: Elizabeth Drouin, Albina Scotch, Claire Pinette and Mary Lashek. Back row: Albert Gosselin, Cecile Caron, Betty Ulbin, George Malbur and Agnes Juonir.

Mr. Washburn, Mr. Ward and George Beylouny, (back row third left) Ceramic Manager, posed with other 20-year Service Award recipients. They were: (Front row) Nellie Shedd, Juliette Ouellette, J. B. Belanger, Lillian Stevens, and Isabelle Goodspeed. Back row: Bertha Chesnut, Florence Loozeau, Marjorie Mitchell, Lorraine McNulty and Marie Gendron.

A total of 133 Nashua employees were honored at a Service Award dinner held here last year at the McNulty-Foley Restaurant in Nashua. Senior member of the group was Fred Powers, Production Superintendent of Resistors, who was honored for 35 years of continuous service. He was originally employed at North Adams.

Also honored were 23 twenty year employees who joined the Nashua operation in 1948, the year in which the plant was originally opened. Others receiving awards included: 50 with fifteen years of service, 5 with ten years, and 54 with five years.

High light of the evening's activities was the presentation of awards to employees hired the first day the plant opened in 1948. On hand to extend their congratulations were Ernest L. Ward, Vice Chairman of the Board, and John D. Washburn, Corporate Director of Industrial Relations. Recipients (front left to right) were: Elizabeth Drouin, Albina Scotch, Claire Pinette and Mary Lashek. Back row: Albert Gosselin, Cecile Caron, Betty Ulbin, George Malbur and Agnes Juonir.
Mass. Bankers Group Honors Sprague For Aid To Commonwealth

Sprague Electric Company was the recipient of the Massachusetts Bankers Association annual award for “significant contribution to the prestige and image of The Commonwealth” at the group’s annual midwinter dinner held at the Statler Hilton Hotel in Boston on January 8. Attending the dinner were over 1000 banking officials, state legislators and invited guests.

Presentation of the award was made by William D. Ireland, Jr., President of the Bankers Association and also President of the Guaranty Bank and Trust Company of Worcester, to Robert C. Sprague, Chairman of the Board and Chief Executive Officer. The large wood mounted engraved plaque stated “to Sprague Electric Company...for 42 years of sustained contributions to the growth and development of the Massachusetts economy, and of its positive expression of faith in the Bay State by selection of Worcester for a major new manufacturing expansion.”

In his presentation, Mr. Ireland also thanked Mr. Sprague for his personal contributions to the Commonwealth over the years. Others who made brief remarks were Freyda P. Koplow, Commissioner of Banks; Robert H. Quinn, Speaker of the House; and Margaret A. Donahue, President of the Senate.

Sprague Electric guests in addition to Mr. Sprague included: Bruce R. Carson, President; Robert C. Sprague, Jr., Senior Vice President, Corporate Services; Robert E. Armstagne, Treasurer and Senior Financial Officer; and John H. Winant, Vice President, Facilities and Industrial Relations.

Concord Employes Set Safety Record

All production and management personnel in Concord received commendation for the best safety record in five years. In the reporting period from July 1, 1966 to June 30, 1967 there were 3 lost time accidents with 225 lost work days. In the same period in 1967-1968 there was 1 lost time accident with 5 days lost from work.

Obviously the increased awareness of each employee regarding proper clothing and safety equipment has paid off, saving pain, doctor’s bills and time off from work. Let’s keep up the good record!

Filter Group Honored For Assistance To F-111A

Sprague Electric was one of 13 suppliers of material for the U.S. Air Force’s F-111A fighter bomber to be honored by receiving an outstanding supplier award in recognition of “outstanding achievement in supplying quality products” to the Fort Worth, Texas Division of General Dynamics Corporation, where the aircraft is manufactured. Presenting the plaque to Robert C. Sprague, (right) Chairman of the Board and Chief Executive Officer, is Adrian Bos, Jr., General Dynamics Management Representative (left). Looking on are D. J. Rappoccio, General Dynamics Quality Control Representative, and Frank Garlington, Chief Engineer, Filter Operations. The Filter Operations were a major supplier of electrical components and furnished electromagnetic interference consulting services for the aircraft.
Visalia Plant Honored For 10 Years Operation Without Disabling Injury

Visalia employees were recently honored for 10 years of operation without a disabling injury. Robert G. Hewson, (2nd right) Division Engineering Manager of American Mutual Liability Insurance Company, presented the award to James Charnes, (3rd right) Visalia Plant Manager. Witnessing the presentation were: (left to right) C. J. Donaghy, American Mutual Regional Manager; Willard V. Melvin, District Engineer; Norton Cushman, Manager of Special Component Operations; and David C. Cates, Western Area Industrial Relations Manager.

Employees of the Visalia Plant recently received an award from the American Mutual Liability Insurance Company for an outstanding safety record. Over a period of 10 years Visalia employees have amassed a record of 5,082,537 manhours worked without a disabling accident. The period covered was from April 15, 1958 to July 1, 1968.

On hand at the award ceremony to congratulate the employees and to make the presentation was Robert G. Hewson, Division Engineering Manager of American Mutual in Los Angeles. He was accompanied to Visalia by C. J. Donaghy, Los Angeles Regional Manager, and Willard V. Melvin, District Engineer from the San Francisco office. James Charnes, Plant Manager, accepted the award on behalf of the employees and expressed his pleasure with their safety record and his sincere wish that the record be continued.

Norton Cushman, Manager of Special Components Operations, and David C. Cates, Area Industrial Relations Manager, also participated in the ceremony.

Worcester Employees Aid Toys For Tots

The annual collection of Toys for Tots by the Marine Corp Reserve was amply added to by the generosity of Worcester employees.

Toys in repairable condition were collected, mended and painted to look like new by the Marines. They were then distributed to make Christmas truly merry for children who might otherwise have had nothing to help them believe there really is a Santa Claus.

Several management changes for the Worcester Semiconductor Operations have been announced recently. They include:

DR. ROBERT S. PEPPER

Dr. Robert S. Pepper has been named Director of Research, Development, and Engineering with headquarters in Worcester. He joined Sprague Electric in 1964 in North Adams as head of an advanced microelectronic development group. In 1965 he was named Director of Integrated Circuit Development and in 1968 was promoted to Associate Director of Research and Development. He transferred to Worcester last fall.

A graduate of the University of California at Berkeley, Dr. Pepper holds a B.S., M.S., and Ph.D. from Berkeley and was Assistant Professor of Electrical Engineering there prior to joining Sprague Electric. He is a member of Phi Beta Kappa; Sigma Xi, honorary scientific research society; Tau Beta Pi, honorary engineering society; and Eta Kappa Nu, honorary electrical engineering fraternity. He is also a member of the Institute of Electrical and Electronics Engineers and has been active in its affairs. Dr. Pepper is the author of more than 30 technical papers and publications.

JOSEPH L. CHENAIL

Joseph L. Chenail has been named Manager, Government Products Marketing for Semiconductor Operations. He succeeds William R. Rittman who was recently promoted to Manager, Integrated Circuit Marketing.

Mr. Chenail has been with the Semiconductor Operations since August 1966 in various marketing posts. He joined Sprague Electric in 1958 as an Engineer in North Adams and was later a Product Specialist prior to transferring to Worcester.

A graduate of Worcester Polytechnic Institute, Mr. Chenail holds a bachelor of science degree in electrical engineering and is presently taking graduate courses at Clark University in Worcester.

ROBERT J. DUCA

Robert J. Duca has been named Field Sales Manager for Semiconductor Operations. The post is a new one. Mr. Duca, who has some nine years of experience in semiconductor sales and sales management, comes to Sprague Electric from Texas Instruments, Inc. where he was Southeastern District Manager, headquartered in Orlando, Florida.

Mr. Duca had previously been with Radio Corporation of America and Westinghouse Electric in various semiconductor sales posts. He is a graduate of Lafayette College from which he received the degree of bachelor of science in electrical engineering.

C. J. MONAGHAN

C. J. Monaghan has been named to the new post of QAR Coordinator for the integrated circuit product marketing operation. He was formerly Engineering Manager for the Worcester facility.

Prior to joining Sprague Electric two and one half years ago, Mr. Monaghan was Manager of Quality Control for the National Semiconductor Corporation in Danbury, Connecticut for six years. Before that he was with the Vacuum Tube Division of the Bendix Corporation at Easton, New Jersey in quality control.

Mr. Monaghan received his B.S. degree in physics from Iona College, New Rochelle, New York.

LARRY J. POLOCK

Larry J. Pollock has been named Manager of Operating Support Functions and Overseas Facilities for Semiconductor Operations. He was formerly Integrated Circuit Production Manager.

A graduate of the University of Saskatchewan with a B.S. degree in engineering physics, Mr. Pollock held various engineering posts with Canadair, Ltd., the Westinghouse Electric Semiconductor Research and Development Laboratory in Youngwood, Pennsylvania and the Westinghouse Integrated Circuit Plant at Elkridge, Maryland, where he was Section Manager for Pilot Integrated Circuit Production before coming to Sprague Electric.

WILLIAM R. RITTMAN

William R. Rittman has been named Manager of Integrated Circuit Marketing for the Semiconductor Operations. Since joining the Company in 1966 he had served as Government Products Manager.

Prior to joining Sprague Electric Mr. Rittman was East Coast Region Manager for the Semiconductor Division of Honeywell, Inc. and also held the same post with Solitron Devices, Inc.

Mr. Rittman is a graduate of the University of Buffalo with the degree of bachelor of science in electrical engineering. He is also a member of the Institute of Electronic and Electrical Engineers and the American Ordinance Association.

Love quickens all senses except the common.

There are those who do not make the mistake twice. They just make new ones.

Members of the Worcester Marine Corp Reserve came to the Cafeteria to pick up the toys which employees had donated to the Toys for Tots campaign.
Little League Champs Feted At Worcester

The champs of the Little League sponsored by the Worcester Plant were duly honored on Saturday, January 4.

The boys were presented attractive navy blue jackets with a white emblem designating their championship status in the Tri-Speaker League. The team members and their dads were also guests of the Company at the Holy Cross College-Fairfield University basketball game at the Worcester Auditorium.

We at Sprague Electric consider it a pleasure and privilege to support this fine team, and wish them the very best for the coming year.

Job Corp Trainee Completes Program

LouDella Williams, former Hybrid Circuit Assembly employee at Worcester, graduated from the Job Corp YWCA program last December.

It's a long way from Beaumont, Texas to Guthrie, Oklahoma to Wichita Falls, Texas to (iuthrie, Oklahoma to Wichita Falls, Texas where she arrived in Worcester where she was hired as a trainee in Hybrid Circuit Assembly to complete her work experience program.

She left us December 13 to fly to Seattle, Washington to visit her sister. She hopes to find employment there suitable to her training.

We enjoyed having Lou with us and wish her continued success in her career.

M. Geroulo Named Plant Manager At Wichita Falls, Texas

Michael J. Geroulo has been named Manager of the Wichita Falls (Texas) plant, it was announced by William S. Templeton, Vice President, Operations. The plant manufactures ceramic components.

Before his promotion, Mr. Geroulo was Manager of Quality Assurance and Reliability for ceramic products and allied components at the Company's plants in Natchua, New Hampshire; Wichita Falls and North Adams. Previously he had held positions as Sales Product Specialist for magnetic components, Manager of Quality Assurance and Reliability for the Special Components Division and as a Design Engineer for magnetic components.

Mr. Geroulo is a native of Scranton, Pennsylvania and a graduate of Scranton University where he received his B.S. degree in physics. He received his M.S. in physics from St. Louis University where he was an instructor in physics before joining Sprague Electric in 1952. He has also taught physics and mathematics at North Adams State College evening courses for eight years.

Mr. Geroulo's wife is the former Eleanor Yanek of Utica, Pennsylvania and they are the parents of four children.

IR Changes Announced For NA & Worcester

Appointment of Robert J. Diodati as an Industrial Relations Manager at the North Adams operations was announced by George H. Bateman, North Adams Industrial Relations Manager. Mr. Diodati assumed the responsibility at the Marshall and Union Street plants, part of the area formerly under the jurisdiction of Loren J. Reynolds.

Mr. Reynolds has transferred to the Worcester plant as Industrial Relations Manager.

Mr. Diodati joined the Company in 1951 in Check Inspection and in 1953 accepted a position in the Product Engineering department as a Designer.

A native of Williamstown, Mr. Diodati attended local schools and served for three years in the Air Force during World War II. Prior to joining Sprague Electric he was employed for several years by Geveyer Company of America in Williamstown.

Mr. Reynolds is a native of Meriden, Connecticut and a graduate of Cheshire Academy, Cheshire, Connecticut. From 1959 to 1966 he was employed by Pratt & Whitney Aircraft, Hartford, Connecticut as a Personnel Analyst. In June 1966 he received his B.S. degree in Business Administration from Quinnipiac College, Hamden, Connecticut where he was class valedictorian. Following graduation he joined the staff of Yale University as a Programmer Analyst.

A U. S. Air Force veteran, Mr. Reynolds served at MATS headquarters, Washington, D. C. from 1952-1956. He is a member of the Junior Chamber of Commerce and the Society for the Advancement of Management.

Pirgo Electronics, Inc. Formed As Joint Venture For Semiconductor Production

A new power semiconductor manufacturer, Pirgo Electronics, Inc., has been formed in Farmingdale, New York as a joint venture of the semiconductor operations of Sprague Electric Company, Worcester, Massachusetts and a group of well known industry semiconductor specialists.

In announcing Sprague Electric's participation in the venture, Dr. John L. Sprague, Senior Vice President, Semiconductor Operations, said that he believes "the full potential for power semiconductors in military and commercial applications has not been fully exploited. Through this approach, Pirgo Electric can increase its participation in the semiconductor market."

Named President of Pirgo Electronics was Frank Klosowsky, who was formerly Vice President, Production and Engineering, for Silicon Transistor Corporation and was previously with the semiconductor operations of Texas Instruments, Inc. and Honeywell, Inc.

Elected Vice Presidents were Gilbert Levy, formerly Vice President for Quality Control at Silicon Transistor and previously with the Semiconductor Division of the Radio Corporation of America, and Arnold Allen, who will be in charge of Marketing.

Mr. Allen was formerly Vice President, Marketing, for Technical Tape Corporation and was previously with Texas Instruments.

Mr. Klosowsky said that the initial effort of the new company will be the introduction in the early Spring of both NPN and PNP planar 50 MHz power transistors. These will be followed by the introduction of NPN single diffused types as well as their PNP complements.

Mr. Allen expressed the belief that Pirgo Electronics expected to place on the market by mid-year a line of rf power transistors operating at frequencies up to 400 MHz. "It is our long range program to cover the entire field of power devices for commercial, industrial, and high reliability military applications", he said.

Sales Representatives

Continued from page 1

the SCM Research Laboratories, Highland Park, Illinois.

Mr. Nowell joined the Company in 1960 on the Sales Engineering staff of the southeastern District Office in Winston-Salem, North Carolina. He is a graduate of Wake Forest College with a degree in chemistry and received his masters degree in business administration from Vanderbilt University.

Mr. Nowell joined Sprague Electric from Western Electric in Winston-Salem where he was a Capacitor Consultant on loan from the Bell Telephone Laboratories. He had occupied various engineering and technical positions with the Bell System for 16 years.

Mr. Cutter joined the Company in 1968 as Associate Manager of the Florida office. Prior to that time he had served for six years as District Manager of Texas Instruments Minnesota office. Other business connections included Littelfuse, Inc. of Des Plaines, Illinois and P. R. Mallory, Inc. in both Indianapolis and Minneapolis.

Mr. Cutter attended the Engineering School of Iowa State University, Ames, Iowa and received his degree of science in business administration from Illinois Wesleyan University, Bloomington, Illinois.

An executive is a person who would take two hours for lunch if he had time and didn't have ulcers.
SANTA FUND—A REAL SUCCESS

MUSIC, MUSIC, MUSIC was the theme in many homes on Christmas morning as young people received a folk guitar as their Santa Fund gift. Happily examining the many presents are the three co-chairmen, Anthony Abuisi, of the North Adams Transcript, and Sprague employes. George Beckwith (left) and Dominick Papas. A record $5,858.22 was donated and toys were provided for 1093 children in 314 families. In addition to the toys, clothing certificates were given to 142 families.

Company 'Thanks' Expressed At Service Award Dinners Held At Branch Plants

CONCORD

Staying power was honored at the Concord Service Award Banquet. A fine award ceremony and social evening was enjoyed by employes who have given many years of service to the Concord Plant. Forty employes received five year pins; 20 received 10 year pins; and Robert L. Parrish, General Manager of Tantalum Operations, received his 15 year pin at Plymouth. The banquet was held at the New Hampshire Highway Hotel.

LOS ANGELES

A Service Awards luncheon was held on Monday, 9 December 1968 at the Airport Marita to honor those Los Angeles employes eligible to receive awards.

Among those so honored were: Earl Engqvist of our Western Liaison Office and Ernest Garcia, Filter Production, both with 15 years of service, having started with the Sprague Electric Company on Washington Blvd. in Culver City in 1953. From the class of 1958 there were two employes, Lawrence Beard, Manager Pacific Development Center, and Miriam Glynn, Industrial Relations. Our five year employes from the class of 1963 were: Dorothy Howe and Jack Bivens from the Sales Department, Marilyn Simons of Filter Engineering, Ollie Woodbury of Filter Production, and Gail Sheffeld of Sprague Products. Also eligible to receive a five year service award, but unable to be present was August Link, Systems Engineering.

Each employe was presented his service award by the appropriate department head and thanked for their service and faith in the Sprague Electric Company.

WORCESTER

Two Worcester and two Micro Tech employes were recent recipients of service awards. Heading the list was Charles Stoneham, of Engineering, who was awarded a 15-year pin. Ronald Giles, Batch Process, completed 10 years of service and Micro Tech employes Harry Thorne and Theodore Jasiewicz were each honored for five years with the Company.

CONCORD HONORS LONG SERVICE EMPLOYEES

Certainly one of the happiest groups we have seen are these Concord 10-year Service Award recipients. They are: (Back row, left to right) Helen Drew, Alfred Hickford, Roseanna Wescomb, Barbara Mayo, Doris Miner and Barbara Lord.

William Boyd and Roger Nash Promoted at Concord Semiconductor Operations

In recent announcements by Kenneth W. Taylor, Operations Manager of Concord’s Semiconductor Plant, William Boyd was promoted to Specification Analyst reporting to Roger Nash, Final Test Engineer, and Richard Mayrand was named Product Marketing Engineer reporting to David Prohaska, Manager of Marketing in Concord.

Mr. Boyd will continue in the Production Engineering Department with the responsibility of evaluating customer specifications with analysis of products under consideration.

He joined Sprague Electric in 1958 as a Quality Control Technician and has held various engineering technician positions in Germanium, Process Engineering, and Finishing. A native of Pittsfield, New Hampshire Mr. Boyd received his schooling in local schools as well as through Sprague-Franklin courses and the University of New Hampshire.

He was in the Radio Squadron in the U.S. Air Force from 1952-1956, spending three years in Germany as a radio operator Airman First Class, and became an electrician for Massachusetts Electric for two years following his military service.

A sports enthusiast, Mr. Boyd enjoys hunting, ice fishing and golf and was secretary of the Sprague Golf Club from 1952-1956.

Mr. Boyd is married to Mary Kibbee, former secretary at Sprague Electric, and they reside in Penacook with their daughter, Kellee J.

Mr. Mayrand, in his Marketing post, will provide liaison between the customer and the factory.

He joined Sprague Electric in 1964 and as an attack control man, served as Group Leader in Germanium Transitors for a year, and in 1966 became Production Control Coordinator.

Mr. Mayrand is a member of the Air National Guard active reserve and active in ham radio, belonging to the American Radio Relay League.

He and his wife attend dog shows and have a St. Bernard campaigning for championship status. They belong to the Merrimac Valley Kennel Club as well as the New England St. Bernard Club.

The Mayrands live in Penacook, New Hampshire with their two sons, Jeffrey, three, and Jason, one.

Wisconsin Employees Buy Savings Bonds

A Sprague of Wisconsin Savings Bond Drive was kicked off by Harry W. Rubinstein, President of Sprague of Wisconsin, Inc., and F. W. Voight, a Treasury Department Deputy Director.

Mr. Rubinstein and Mr. Voight spoke to a gathering of employees and explained the merits of the Savings Bond and Freedom Shares program and encouraged each employee to participate in the drive.

As a result of the campaign, participation in the payroll deduction plan was increased 100% with almost 30% of all employees buying E Bonds and/or Freedom Shares.

Recogition must be given to members of Sprague of Wisconsin’s management group who backed the Bond drive with an outstanding 94% participation - Congratulations!

Concord Service Award Recipients

Fifteen Years

Robert L. Parrish

Ten Years

Mary Labbe

Aurea Lalliberte

Alphonse Lanzo

Robert Locke

Barbara Mayo

Robert McLeod

Doris Miner

Nancy Pelisser

Reva Preve

Roxie Raine

James Smith

Bernard Smith

Isabel Watterson

Rosanna Wescosum

Ellen West

Five Years

Donald Heath

Paul Himes

Wendell Horne

Dorothy Ineson

Theodore Jasiewicz

Barbara Joaquin

Kathleen Kurtz

Richard Kerper

Germaine Ladurante

Evelyn LaPlante

Shirley Lesmerises

Glenda McDonald

John McGourty

Janice Patten

Andrew Prout

Dorothy Plante

Lyne Preve

Helen Pries

Annette Richard

Maureen Rogers

June Sadkowski

Shelton Shibbs

Germaine Taillefer

Myerle Touchette

Lorraine Wakefield

Judith Whitten

Plymouth Suggestions

Six Plymouth employees have been awarded $322 for their winning ideas. Heading the list is Arthur Gray, Maintenance, who was awarded $150 for his suggested improvement in the sandblast machine. Top winner for female employees was Andey Howard who came up with an improved method for preparing certain reports. She pocketed $57.

John Cronin, Shipping, received a $45 and a $25 award. He suggested using rubber bands rather than nylon tape for wrapping sandwich packs and also eliminated the separate Certificate of Compliance by having it printed on the back of forms shipped to the customer.

Special $15 winners were: Sherry Monroe, Department 4821; Bessie Wright and Gerald Young, Department 424.

Burton Transfers from West Coast

John H. Burton has been named to the new position of Senior Product Specialist for ceramic based component networks and will make his headquarters in North Adams. He had formerly been the western Ceramic Product Specialist stationed in Los Angeles.

Prior to joining Sprague Electric he served in various engineering posts with Radiotron Corporation of America in Van Nuys, California and Litton Industries Guidance and Control Systems in Woodland Hills, California.

Mr. Burton is a native of California and a graduate of the University of California at Los Angeles where he has also taken graduate work. Mr. & Mrs. Burton and their two daughters are now residing in Williamstown, Massachusetts.

VeFAC Analyst for Ashe Cty. & Hillsville

Appointment of Richard E. Bond as VeFAC Analyst for the Ashe County, North Carolina and Hillsville, Virginia plants was announced recently by Urle Sheets, Plant Manager at Ashe County. Mr. Bond will assist the plant supervisory personnel in implementing the VeFAC program.

Mr. Bond comes to Sprague Electric from the Doubleday Publishing Company, Berryville, Virginia. He graduated from high school in Palatka, Florida and received a degree in industrial engineering from the University of Florida.

Mr. Bond and his wife, Polly, are the parents of three children: Scott, 18; Susan, 11; and Karen, 7.

Production Manager Named for Concord Assembly and Test

Leonard Ritterbush recently assumed responsibility as Production Manager of Assembly and Test, Concord Semiconductor Operations, reporting to Kenneth Taylor, Operations Manager.

Len joined Sprague Electric in 1960 as a process engineer in Germanium Transistor following which he became Production Manager of the CRR line in Worcester in 1965, returning to Concord as Chief Process Engineer Assembly and Test in 1966.

He was born in South Orange, New Jersey, attended schools in Pittsburgh, graduated from Laconia High School and received a B.S. degree in Electrical Engineering from the University of New Hampshire where he continued with advanced courses in the same field.

Len was in the U. S. Army Signal Corps as a radio repairman in Ordinance Corps in electromechanical guidance systems.
A check for $665 brings smiles to both Richard Wilder, Jr., the suggester, and Bruce Woodger, Metalizing Superintendent. Dick was top winner in the latest group of suggestion award winners.

ASHE COUNTY—The Ashe County Suggestion Committee met late in the year and voted awards totaling $406. The largest award went to Sammie Howell, of Department 7064. He received $335 for his idea to run all high voltage units on the hand tester. Twenty-five dollar checks were presented to Eula tester. Twenty-five dollar checks resulted in three awards totaling $45 and $25 were also awarded.

CONCORD—At Concord, Compa...

Amen Attalla (left) has been a consistent Suggestion Award winner. His recent check for $827 was presented by Loren Reynolds, former Assistant North Adams Industrial Relations Manager.

Suggestion Awards Total $2991.30

Santa Funds Bring Holiday Happiness

Both Nashua and North Adams employees play a major role in the success of their local Santa Funds. In the Nashua Telegraph's drive, Sprague employees contributed $600 through their Benefit Fund making them the largest donor to the Fund, a record they have now maintained for the past six years.

The North Adams Santa Fund, sponsored jointly by the Management Club and the Transcript, raised a record $5,858.22. Among these generous contributions a total of 1093 children in 314 families were provided with Christmas presents. In addition to these gifts, clothing certificates were given to needy families.

As the last toy was delivered to the last smiling, happy child, we could all agree with the well known editorial written several years ago. "Yes, Virginia, there is a Santa Claus" and Sprague employees are Santa's helpers.

Twin Brothers Serve in Korea

Sp. 4 James Roten and Pfc. Joseph Roten, twin sons of Belle Roten of the Ashe County Plant, were reunited recently after being separated for the first time in their lives. Upon entering the Service, James was sent to Fort Lee, Virginia for his basic training while Joseph trained at Fort Polk, Louisiana. Both boys recently spent 28 days leave at home and are now together in Korea.

James and Joseph were both employed at the Ashe County Plant before entering Service.

R. C. Sprague Forecast

Continued from page 2

semiconductor and hybrid integrated circuits. In the semiconductor market, however, while overall industry figures show some growth in 1967, there have been many brief periods of little or no growth. In the hybrid and thin film circuit market, the total unit volume has increased to nearly $600 million compared to $465 million last year.

Despite the growth in micro-circuits, the major portion of the electronic component market essentially remained unchanged from last year's level of $5.0 billion. In 1968, discrete component counts were about 45 million from $35 million in 1967. Including functional and other forms of circuit assemblies, the total circuit packages market increased to nearly $600 million compared to $465 million last year.

Lower unit selling prices in combination with higher unit labor and material costs have contributed to the industry's disappointing 1968 profit picture.

Because of the many uncertainties, I think the overall electronics industry will do well to exceed $24.0-$24.5 billion in 1969 or a modest growth over the $23.6 billion for 1968. In looking back over the history of the industry, there have been many brief periods of little or no growth for one or more reasons. This has always been followed by a surge in at least one of the major segments of the industry. We may well be entering another relatively limited growth period. If so, I think it will again be followed by years of above average growth.

Passing Thought

One good reason for not leaving your keys in your car is that the estimated accident rate for stolen cars is 200 times that for other cars. Take your keys! Don't tempt the would be joy rider.

Correction

Continued from page 2

SPRAGUE

Address

Correction

Requested


Permit No. 94

PAID

BULK RATE

U. S. POSTAGE

PAID

JANUARY-FEBRUARY, 1969

Page 8

LOG