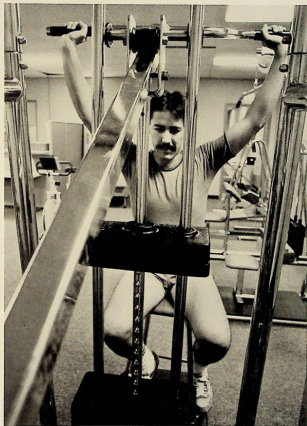


TWINCITIES NEWS

May 1986



Employee fitness programs have taken a new turn at Roseville with the addition of a brand new fitness facility. See the story on page 1.

May 1986

Roseville builds on-site fitness center

Numerous studies have shown that employee exercise and health programs can help improve a company's bottom line performance. Cost benefits result because a physically fit and healthy workforce is more productive—especially as illnesses, accidents and stress decline.

But it didn't take study results to initiate the steps that brought about the sparkling new on-site fitness center at Sperry's Roseville facility. All it took was a timely and well-placed employee suggestion.

Two years ago, a Sperry employee wrote a short letter to Hatim Tyabji, group vice president and general manager, Information Systems Products and Technology. The letter writer pointed out the rising nationwide exercise trend, and suggested that Roseville employees could benefit from facilities to accommodate people involved in physical activities. The employee wrote, "It has been rumored that you were involved with the installation of showers at your previous work site (Salt Lake City). Therefore, I am asking for your advice on how to coordinate such a request."

In his reply, Tyabji thanked the employee for the suggestion



Hatim Tyabji, group vice president and general manager, Information Systems Products and Technology, cut the ribbon and officially opened the Sperry fitness center in Roseville on April 21. Referring to the employee suggestion, which started the ball rolling on the Fitness Center project two years ago, Tyabji said, "The key to this center is the fact that when an employee has an idea or suggestion that has merit, we listen and respond in a tangible way."

and said that he had assigned people "to immediately explore the possibility of following your suggestion."

According to Occupational Health Services Manager Bev Krogseng, the two-year project faced numerous problems and it took the combined efforts of many different people to achieve the final result. "We had space

problems and capital funds problems—a lot of ups and downs," Krogseng said. "But management supported the project all along the way."

Though two years in the making, the final outcome of the project was well worth the wait. The Sperry Fitness Center features men's and women's locker rooms with showers and

keyed lockers, an exercise room and an equipment room. The locker rooms and equipment room are fully carpeted. The exercise room has a parquet wood floor with a special cushioned underlayment. The equipment room has 11 single-station Universal weight machines arranged in order to

Continued on page 2

Sperry reports fourth quarter and fiscal year results

Sperry Corporation reported income from continuing operations for the fiscal year ended March 31, 1986 of \$280.0 million, or \$4.92 per share, down 3 percent from \$288.6 million, or \$5.18 per share, a year ago, but up 7 percent before net favorable nonrecurring items last year. Revenue for the year was \$5,740.8 million, up 15 percent from \$4,972.1 million for fiscal 1985.

Sperry Chairman and Chief Executive Officer Gerald G. Probst said, "We believe the results of our continuing operations were

satisfactory in light of the slowdown in the U.S. computer industry and some problems in our defense and aerospace business. Revenue and operating profit gains of more than 20 percent in our commercial computer operations were offset in part by lower profits of our defense and aerospace operations which experienced a strike and production problems which have been largely overcome.

"In the fourth quarter, our commercial computer business turned in another strong order, revenue and operating profit

performance, aided by the weakening of the U.S. dollar. We are also encouraged by growth in our low-end microproduct computer line and increasing evidence that our UNIX sales effort is gaining momentum. We project that the top of the line 1100/90 computer orders and shipments will continue at the levels of last year and our low-end microproduct line will grow significantly.

"The defense and aerospace business improved in the fourth quarter and entered the new year with a strong backlog.

"For fiscal 1987, uncertainties that could affect us negatively include continued weakness in the U.S. computer market and the impact of the Gramm-Rudman legislation on the level and timing of defense expenditures.

"Despite these uncertainties, we are optimistic that we will achieve revenue and operating profit growth in fiscal 1987 in both the commercial computer and defense and aerospace businesses. However, the late receipt of orders in fiscal 1986 will cause first quarter results to fall below last year's quarter results which were marked by a very strong profit performance by commercial computer operations," Probst said.

Income from continuing operations for the fourth fiscal quarter ended March 31, 1986 rose 7 percent to \$115.3 million, or \$2.02 per share, from \$107.4 million, or \$1.91 per share, last year. Fourth quarter revenue was \$1,801.1 million, up 13 percent from \$1,587.2 million last year. Continued on page 3

Fitness center

Continued from page 1
give a full-body workout, six stationary bicycles, a treadmill, a mini-trampoline and a rowing machine.

The fitness center occupies 2,800 square feet in Roseville's Building 2. It's located just to the right of the Health Services Office, a few steps away from Entrance 9 on the east side of the building. Currently this is the third fitness center in the Sperry Corporation, following fitness centers developed at Salt Lake City and Blue Bell.

In planning the fitness center, Krogseng said she toured several corporate fitness centers in the area. Though the Sperry Fitness Center may not be as large as some that she has seen, it is unique in one important aspect.

"We are providing a comprehensive fitness program—it's not just a place for employees to work out," Krogseng said. She explained that the fitness center will be staffed by fitness specialists from Abbott Northwestern Hospital. These professionals will provide a fitness education and evaluation program, including one-on-one consultation.

"Before any employee can use the fitness center they must first become a member and complete the membership process," Krogseng said. "Membership is free, but the membership process does require a substantial level of commitment from the individual."

The membership process begins with an application form, a medical health history and a physical activity questionnaire. Data from these questionnaires may require the applicants to obtain permission from their doctor and a signed physician release form. The next step is

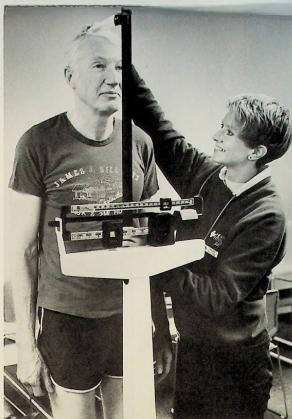
actual fitness testing by the health fitness consultants. The testing measures flexibility, muscle endurance, muscle strength and aerobic endurance. When the testing is completed, the health fitness consultants prepare an individual "fitness prescription," taking into account any medical restrictions, current fitness level and personal preferences. The last part of the membership process involves an orientation to the equipment. Fitness center members are then free to use the facility during non-working hours from 6 a.m. to 6 p.m. While open, the Fitness Center will be staffed full-time.

Fitness Center Manager Steve McLoone, of Abbott Northwestern Health Fitness Consultants, said that when the employees are ready to use the center, after they've had evaluations and consultation, they will be armed with a wealth of health and fitness knowledge.

"This will be the most well-educated corporate fitness group that I'm aware of," McLoone said. "People will really know where they stand in regard to their fitness. We'll explain it all—everything from how to buy running shoes to determining a target heart rate."

In addition to McLoone, the fitness center will be staffed by Fitness Assistant Janice Meier and Instructors Glenda Berkheimer, Lori Bruce and Jackie Nelson. Fourteen additional staff people will be available for the initial employee testing and consulting. All of the staff people hold four-year degrees in the health/fitness field.

Since the center first opened its doors, employees have shown a lot of interest. "People seem



Fitness Assistant Janice Meier checks the height and weight of Tom Steele, senior professional consultant, Advanced Hardware Technical Department, as part of his fitness evaluation.

real excited about this facility," McLoone said. "On the first day we were open we had over 100 applications. You can't beat the convenience of an on-site fitness center. And you can't beat the cost—it's free."

"This is quite an investment by the company," McLoone added. "But there are many benefits

to those who choose to improve their fitness.

"Being in good physical shape improves your mental attitude, boosts your energy level and enthusiasm, and builds confidence. It reduces mental and physical tension, leads to weight control and in general helps you look and feel better," he said.



Prior to using the fitness center, employees must have a fitness evaluation. At left, Dave Schmol, test floor technician, Cirrus Memory, and right, Dan Kyle, associate programmer, XS 1100 Development, are about to take a submaximal stress test, administered by Fitness Center Manager Steve McLoone.

Sperry involved in SDI

Sperry is assembling a team to focus efforts and redirect resources to compete on a new Strategic Defense Initiative (SDI) project. The team will be headed by Leo F. Collins, who is vice president of Business Development for the Systems Management Group.

Through Sperry's operations in Huntsville, Ala., the company was awarded a concept definition study contract last year, along with several other defense contractor competitors. The new Sperry-led team will prepare a bid for the next phase of the program, a "proof of principle" flight test of the most promising concepts developed in the study phase. That flight test program is estimated to be worth more than \$200 million.

The flight test program contracts are scheduled to be awarded later this year. To compete in this area, Sperry has teamed with General Dynamics Corporation as a principal subcontractor, and has marshalled resources from its other Sperry business areas, including the Aerospace & Marine Group, Defense Products Group and various Information Systems divisions.

Consolidated Summary of Income (in millions of dollars)

	Three months ended March 31			Year ended March 31		
	1986	1985	Change	1986	1985	Change
Revenue	\$1,801.1	\$1,587.2	+13.5%	\$5,740.8	\$4,972.1	+15.5%
Income from continuing operations	\$ 115.3	\$ 107.4	+7.4%	\$ 280.0	\$ 288.6	-3.0%
Net Income (loss)	\$ 115.3	\$ 105.9		\$ 46.8	\$ 286.7	

Fiscal year results

Continued from page 1

Commercial computer operations posted revenue and operating profit gains of 13 percent and 15 percent for the quarter and 21 percent and 22 percent for the year. Orders rose 23 percent in the quarter and 10 percent for the year, while backlog was down 17 percent from a year ago.

Defense and aerospace opera-

tions posted revenue and operating profit gains of 14 percent and 7 percent for the quarter. For the year, revenue rose 9 percent and operating profit declined 4 percent. Orders rose 39 percent in the quarter and 7 percent for the year, while backlog increased 12 percent from a year ago.

For the year ended March 31, 1986, net income was \$46.8 million, or \$8.2 per share, down 84 percent from last year's \$286.7 million, or \$5.15 per share. Virtually all of the decline

was accounted for by the previously reported after-tax loss from discontinued operations of the Sperry New Holland farm equipment business of \$233.2 million, or \$4.10 per share.

Net income for the fourth fiscal quarter was the same as income from continuing operations and rose 9 percent from \$105.9 million, or \$1.89 per share, for the comparable quarter last year.

UNIX is a trademark of AT&T, Bell Laboratories.

TO YOUR HEALTH

by Bev Krogsgang



The image of growing older is not what it used to be. Not too many years ago growing older meant fading youthfulness and appearance, declining physical and mental skills, declining performance and near obsolescence. The search for the Fountain of Youth was forever and illusive.

Not so in the 80s! There is an abundance of role models who demonstrate that the definition of aging is not "over-the-hill." Our president, well into his 70s, is dynamic and very visible evidence that one is not washed up at 40. Time magazine recently reported on the baby boomers who are now entering their 40s and changing the appearance of middle-age by taking on second and even third careers and delaying the marriage and childbearing patterns of previous generations.

Doug Grow, Minneapolis Star and Tribune Sports columnist, following the Hack Nicholas win in the 1986 Master's Golf Tournament, devoted his column to the achievements of older athletes who are currently outdistancing their younger competitors. Grow states, "Not only do old athletes never die, these days they don't even fade away." He then cited a list of athletes who continue to be top players long past their youthful prime. The examples are nearly endless, with a final tribute by this author to Jane Fonda who at 48 looks as good as she did 20 years ago, but whose athletic skill is far superior than in the past.

What Fountain of Youth has been discovered by people who feel their performance remains at a high level and in some cases at an even higher level than when they were younger? Obviously the answer is not a single answer. However, the closest thing to a Fountain of Youth (meaning energy, vitality, growth, freshness of life) seems to point toward physical activity and regular exercise. There is a widespread and longstanding belief that adequate physical exercise is necessary to preserve life and its desirable qualities into old age. A few current studies add more evidence to support this view.

One report, published in March 1986 in the New England Journal of Medicine, demonstrates scientifically what health enthusiasts have accepted on faith for some time: regular exercise can indeed prolong life. The report's principal author, Dr. Ralph Paffenbarger Jr., of the Stanford University School of Medicine, states, "For each hour of physical activity, you can expect to live that hour—and live one or

two more hours to boot."

The lives of over 16,000 men who entered Harvard from 1916 to 1950 were followed until 1978. Regular exercise was found to be a critical factor in determining longevity. Men who walked nine or more miles a week (burning off at least 900 calories) had a risk of death 21 percent lower than those who walked less than three miles per week.* In terms of calories expended per week, life expectancy improved steadily, starting at an expenditure of 500 calories per week and continuing upward to 3,500 calories per week (the equivalent of walking six miles daily each week). Not only did exercise provide benefit, but it actually reduced some of the negative effects of other damaging risk factors like smoking and hypertension. Finding 3,500 calories, no additional benefit was evident, with a beyond that over 3,500 calories may in fact be detrimental.

Sweeping conclusions cannot be drawn from a study of such a homogenous group (all male, caucasian, Harvard alumni and affluent with similar intelligence). However, the scientific reports and documentation steadily reinforce the beliefs that exercise enriches both quality and length of life. Two previous studies reported in the Journal of the American Medical Association also confirmed benefits from exercise. A Stanford University study of runners confirmed that the joints of runners (knees, ankles, etc.) were no different than the joints of non-runners when examined for the presence of arthritis and other bone degenerative diseases. A second study at the University of Florida yielded the same result. Additional good news from the Stanford study was the conclusion that running prevents bone loss, a finding that should be particularly meaningful to women since they often develop osteoporosis (brittle bones) after menopause.

It is certainly to our benefit to have the genetic gift of a strong body and good heredity. But over and over research is showing that we can spoil that for ourselves with a poor lifestyle, so even with this head start we are not guaranteed a long and healthy life. Certainly other lifestyle factors such as nutrition, stress management, friendships, meaningful work and others all play a role in our quality of life as we mature, and yes, grow older. But of major importance is the beneficial role that regular exercise plays in staying healthy at all ages. This benefit is repeatedly demonstrated both by individual examples and by research studies. Getting older can mean getting better! This is great news for all of us who are aging (and who isn't?)

*Approximately 100 calories are burned per mile of walking.

Bev Krogsgang is the Occupational Health Services manager for Roseville. She is a registered nurse and holds a Master's of Science degree in public health.

Council links employees to volunteer efforts

"Getting involved in volunteer work gives me a good feeling—and I just want to spread that around."

—Keith Reed
Employee Volunteer Council Coordinator

Involvement in the community through volunteer work is a critical part of any company's corporate responsibility program. When employees invest their time and talents in volunteer programs, the company benefits, as well as the employees and the community.

Sperry has become increasingly aware of the need for such involvement and has recently taken some new strides in the direction of a more employee-involved volunteer program. The formation of Sperry's Employee Volunteer Council this spring is intended to improve and expand employee participation in corporate volunteerism and build a better awareness of Sperry's involvement in the community.

The council, which held its first meeting in March, has been in the planning stages since last summer, according to Linda Miller, Regional Community Relations representative. She had attended Corporate Volunteerism Council presentations on successful employee councils and how they have improved volunteer programs at other area companies, and was convinced that Sperry could benefit from such a council.

"Sperry has had ongoing community involvement projects, but we wanted more feedback from employees and wanted them more involved in what we are doing," she explained.

Miller said the employee council will serve as a link to the employees, encouraging others to become involved in the company's commitment to the community. She hopes the council will help make employees feel that the projects Sperry becomes involved in are really their projects.

The Employee Volunteer Council is made up of employees from around the Twin Cities area, including a member of the V.I.P. Club. Council members were chosen on the basis of their past involvement and support of volunteer programs. According to Miller, there was no problem recruiting individuals for the job.

"Each major facility in the Twin Cities has a representative on the council, and half of the council next year will be new members," Miller said. The staggered terms allow for wider participation, she said.

"The council members are so enthusiastic right now," she added. And as it develops over

the years, Miller hopes the council will take a strong leadership role in determining what kind of volunteer programs Sperry gets involved in. Group volunteer projects that are currently company-sponsored include the Metro Paint-A-Thon, Adopt-A-Family, Christmas For Kids, Daffodil Days, Volunteer Recognition Event, KTCA Auction and Rolling Grophers Basketball.

The council will help plan and implement these projects as well as evaluate and provide feedback to the Community Relations Department. Miller hopes that the feedback will identify employee interest areas and help shape the company's volunteer efforts. Another important function of the council is to ensure appropriate recognition of such volunteer efforts and community service.

"Up until now, it's been difficult to determine just exactly what Sperry employees are involved in and what they want to be involved in," Miller said. "The council should help us out in that area."

Keith Reed, senior pricing analyst, Systems Pricing Department, CSD, is an employee at Corporate Square and serves as the council coordinator. He prepares agendas, meets with

sub-committees, chairs all-council meetings and monitors progress.

"I think the council is a super idea because it will raise awareness of the company's involvement in the community," he said. "And I think the response will be more effective when information is coming from someone you work with rather than from an official source," he added.

Communication with employees is an important part of the council's job and Jack Leschner, facilities coordinator, Metro Facilities, is ready to do his part in "spreading the word." Leschner said he has always wanted to be more involved in community volunteerism, but just didn't know how to go about it. So when he was asked to be on the council, he "jumped at the chance."

"I'm really looking forward to it and am excited to have the chance to do something instead of sitting back and waiting for it to happen," he said. He also thinks that the council will make volunteer opportunities available to all Sperry sites, and that employees from smaller facilities such as his will become more involved.

For Roger Mark, group manager, Ceramic Circuit Manufacturing, CSD, the work on the council is really "an extension or carry-over of what we as a department have been involved in." His department at the Shepard Road facility, for the past two years, has raised nearly \$2,500 and 2,000 pounds of food for the Iron Range and Minnesota Foodshelves, and has

also raised funds for needy employees.

"We saw people who had needs and we filled them," he said. "It's always fulfilling to do your share to help the less fortunate."

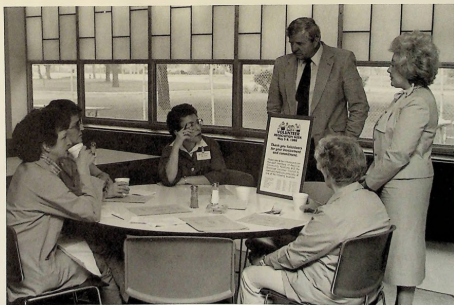
Mark added that the council will better organize volunteer projects and because there is a representative in most facilities, there will be a more personal approach to getting others involved.

Carmen Valentine, executive secretary, Quality Support West, Information Systems Products and Technology, agrees. As a council representative from Roseville's Building 3, she hopes that her participation will help get others involved.

"I think when you volunteer, you are doing something for yourself and for Sperry," she said. "You can learn a lot from volunteering and it's a real attitude lifter."

Valentine thinks it's important for a big company like Sperry to recognize employee volunteers because "even though you get great satisfaction from helping others, it's nice to hear a thank-you."

Other employees who are serving on the council include Rick Pleper, Roseville Building 1; Kris Black, Semiconductor Operations; Char Frampton, Sperry Park; Jan Harrison, Defense Products Group; Harold Keefe, V.I.P. Club; Barbara Sartell, Roseville Building 2; Betty Reinke, Midway; Karen Scholfield, Waters Edge; JoAnne Syverson, Eagandale and Leisa Marz, Mendota Heights Reconditioning Center.



Volunteer Recognition Week was held May 5-9 at several Sperry facilities in the Twin Cities. Community Relations Representative Bev Hammet, standing at right, and Roger Mark, an Employee Volunteer Council member, talk to Shepard Road employees about the kinds of volunteer work they are involved in.



Math students view Roseville facility

Sperry honored this area's top math students at the 20th annual Mathematics Recognition Day, April 23. Seventy top-ranked math students and their teachers from Twin Cities area public and private high schools attended a luncheon at the Minneapolis Hilton Inn and then toured Sperry's Roseville facilities. The students are award winners in the annual national mathematics contest conducted in March under the auspices of the Mathematical Association of America, Society of Actuaries, and the National Council of Teachers of Mathematics.

RECREATION NOTES



CSD EMPLOYEE PROGRAMS

Intramural Soccer League rosters are due Friday, July 11. Please forward them to Employee Programs, M.S. U1H23.

The Minnesota Vikings will have eight regular season and two pre-season games in 1986. A lottery will be arranged for CSD employees to obtain tickets. Forms should be completed and returned to Employee Programs, U1H23, by July 16. Distribution of tickets to lottery winners will be made on July 30 at the following locations:

Corporate Square	8:30 - 9:30 a.m.
Sperry Park	10:00 - 11:00 a.m.
Midway	1:00 - 2:00 p.m.
Shepherd Road	3:00 - 4:00 p.m.

Playoff championship results for the 1985-86 Sperry CSD basketball program are as follows:

- A League — Daring Drivers
- B League — No Stars
- C League — Sixers

Tickets for the Minnesota Twins are on sale at CSD ticket locations for the following games:

May 25	Milwaukee Brewers	Jacket Day
May 31	Boston Red Sox	Helmet Day
June 9	Texas Rangers	
June 26	Kansas City Royals	
July 13	New York Yankees	Jersey Day
July 28	Seattle Mariners	Tube Sock Day
Aug. 2	Oakland A's	Old Timers Game
Aug. 23	Toronto Bluejays	
Sept. 22	Kansas City Royals	

Regular price: \$7 Employee price: \$6

Fishing and sportsman licenses are available through the Employee Programs ticket office at Sperry Park throughout the 1986-87 season.

A representative from the Department of Motor Vehicles will be located in the Shepherd Road S.E.M. Training Room on the second Wednesday of each month and in the Sperry Park atrium on the fourth Wednesday of each month from 10:30 a.m. to 1:30 p.m. to transfer titles or renew licenses.

ROSEVILLE EMPLOYEE SERVICES

Sperry Roseville employees can purchase discount tickets to the following Minnesota Twins games:

May 25	Milwaukee Brewers	Jacket Day
June 9	Texas Rangers	
June 26	Kansas City Royals	
July 12	New York Yankees	Kool-Aid Bike Bag
July 28	Seattle Mariners	Family Night
Aug. 1	Oakland A's	Old Timers Night
Aug. 23	Toronto Bluejays	
Sept. 14	Texas Rangers	Family Night

CSD AND ROSEVILLE REC NOTES

Valleyfair good-any-day tickets are available at all CSD and Roseville ticket locations. Regular price: \$11.95. Employee price: \$9.75. Children under 3 are admitted free.

All entries for the first period of the 1986 Sperry Summer Fishing Contest must be received by Friday, May 23. Second period begins June 17 and runs through Aug. 11.

Good-any-day general admission tickets for Canterbury Downs are now available through CSD Employee Programs and Roseville Employee Services. Regular price: \$3.00. Employee price: \$2.25.

Volunteers Make The Difference At KTCA Annual Auction



KTCA needs you!

Volunteer your time for a worthy cause and receive a little airtime to boot. Saturday, June 7, has been designated as Sperry Volunteer Day and your support is needed to help make the KTCA Annual Auction a success. Positions are available for bid runner, bid taker, bid sorter and board member. Available shifts include: 11:30 a.m. - 3:00 p.m., 2:30 p.m. - 6:00 p.m., 5:30 p.m. - 9:00 p.m., 8:30 p.m. - 1:00 a.m. If you are interested in this exciting volunteer activity, please contact Laurie Kemp at 635-7191.

Experts warn of spy threat

by Barbara Fischer

The uncovering of the Walker family spy case in June 1985 unleashed a flood of concern over espionage which reached beyond military and intelligence sectors into the public domain. Employees of major defense contractors have become prime targets for activity by foreign intelligence services such as the KGB.

To alert employees to this danger, Sperry's CSD Facilities Protection Department sponsored a series of noontime seminars in April entitled "The Spies Among Us." Employees were invited to attend one of the three sessions held at Shepard Road, Sperry Park and Corporate Square. The seminars were attended by more than 300 employees at the three sessions. Special Agent Jerry Donahoe from the Federal Bureau of Investigation was the guest speaker. Attendees also viewed the ABC "Nightline" program that focused on the foreign intelligence threat in the United States. This program included interviews with Admiral Bobby Inman, former deputy director of the CIA, and Christopher Boyce who was convicted and sentenced to prison in the late 70s for selling U.S. satellite data. (Boyce was the subject of the 1985 movie, "The Falcon and the Snowman.")

Inman said, "Every spy case hurts because it confirms facts (already available to the Soviets). It is alarming because there are a lot of people with different types of access." Inman was referring to the 4.3 million Americans with access to classified information. Recent Department of Defense directives

have been aimed at reducing this number, but problems still exist in the current security system.

The Defense Department is backed up ten years on processing re-clearances on these people. In addition, initial background checks are not as thorough as they should be due to the staggering number of people applying for secret classifications. These problems add up to create a system where an individual could easily fall through the cracks.

The Soviets and East Bloc countries prey on a different personality type than they did 30 years ago. Unlike the ideological

motivation of spies in the 30s, 40s and 50s, money appears to be a driving force today behind a person's decision to sell secrets to an enemy government. But not all classified information is bought and sold through spies. A large amount (up to 90 percent) is gathered from publicly available publications, seminars and trade shows. For example, Aviation Week & Space Technology magazine is so valuable it is flown to Moscow and translated en route.

According to Boyce, the mystery of espionage is easily overshadowed by the reality. "Espionage is not what you think

it is," Boyce said. "The KGB is forever. You become a chattel to a foreign bureaucracy that really doesn't care about you, just the information you have."

Even more threatening to U.S. security is the ultimate aim of Soviet intelligence activities. Boyce said, "Their long term goal is to influence policy, not just to learn secrets."

In closing, Donahoe said that if employees have any concerns about espionage, they should contact the local FBI office. All information will be kept confidential.



Jerry Donahoe, special agent, Federal Bureau of Investigation, spoke to a capacity crowd at Corporate Square about the espionage threat to defense contractors.

Physics students tour Semiconductor Operations

Twenty-six students and two professors from Eindhoven Technical University, the Netherlands, toured Sperry's Semiconductor Operations facility in April. The touring group, all advanced and graduate level physics students, were interested in viewing the latest developments in semiconductor and surface science technology in the United States. Sperry International Marketing and several other companies sponsored the student group on a three-week, four-city tour of electronics technology companies in the United States. Prior to their arrival here, the students visited the Silicon Valley area of California and Houston, near York was their final stop before returning to the Netherlands. Companies they toured besides Sperry included Honeywell, Perkin-Elmer, IBM, Shell Oil, Xerox and AT&T.



SERVICE AWARDS



TWIN CITIES DPG

35 Years
Robert Doherty

30 Years
Allen Albus
Wayne Anderson
John Beckstrom



Irene Crea



Janice Ehmke



Donald Ellings
William Galle
Charles Gardner
Richard Gilsad



Vivian Gunderson
Harold Huss
Robert Johnson



Francis Keidel
John Koling
Robert Lane



Chuck Melisa



Bernard Olson



Lella Perrault



Joseph Rowe
Otto Szczepanski



Lorraine Shypulski



Eugene Stein
Alyce Sundholm
James Thompson



June Troje
Ralph Wendling



Betty Aisleben

Norma Behl

James Buysse

Maria Callender

Irene Cherubini

Janeal Erichsen

Robert Foley

Peter Gaezer

Karen Hallstrom

Emily Kambeltz

John Morris
Daniel Stimmer
Donna Sylvester
Dennis Trotter
John Vold

20 Years
Richard Blason
Janard Bort
John Byrne
Harlow Carlson
Raymond Fawcett
Dallas Fogg
Edward Gedin
John Goeres
Terry Goulette
Richard Haen
Alan Holm
Donald Horton
James Hurlburt
Brent Jordahl
Dennis Kowaler
Steven Kulyas
Carol Lafriniere
Michael Leahy
Wayne Moss
Larry Montiel
Bonnie Oltman
Frances Oltman
Wallace Reid
Verlin Sanders
Donald Sieg

15 Years
Carroll Cooper
Winfred Dauschmidt
David Evans
Daniel Jersak
Alice Joehim
Linda Peplinski
Marion Riemenachneider
Jeffrey White
Bruce Winberg

10 Years
John Harra
Helle Lora
Richard Lousner
Daniel Maistovich
Lynn Meredith
Helen Sigmeth
David Yetley

5 Years
Barbara Berg
Sandra Faust
Jean Hensler
Nancy Huckema
David Huberty
Alan Kampf

TWIN CITIES INFORMATION SYSTEMS

30 Years



Vance Bartlett
Doris Beliveau
Chester Boosher



Lou Collette
Lester Dyvig
Glen Ellmann



Donald Granning
Charles Griske



John Grundner
Howard Johnson



Anna Lindman



Gerald Ploewman

25 Years
Patricia Adams
James Alexander
Audrey Anderson
David Bleifuss
Garold Boss
Richard Burkard
Frank Chapman
Fern Frances Fisher
Doris Jenkins
Guy Johnson
Class Lauson
Betty Mealhouse
Lee Monk
Frank Nickel
Richard Palodichuk
Lella Pesse
Richard Pirnat
Laverne Richardson
Merlyn Schubloom
Shirley Seever
Stephen Thomas
Jeanette Wippler
James Zastrow
Lawrence Zgiedeva

20 Years
Rose Bebaul
Carolyn Benson
June Clark
Cari Daley

Eleanor Goodman
Lorna Jackson
Judith Kessler
Harold Kinney
Marie Knutson
Jane Koslaka
Thomas Kubata
Manuel Lavin
Sharon Manning
Ruby Middlemist
James Nagri
Darwin Ohman
Carolyn Smoler
Judith Thorland
Nancy Tuffel
Robert Turk
Frank Vetsch
Carl Wegner
Renée Wells

15 Years
Barbara Epp
Clyde Graham
Joanna Jones
Bonnie Kraft
Neison Petrey
William Whitaker
Donald Wilcox
Joan Young

10 Years
Arthur English
Steven Erickson
Catherine Jacobs
Edna Kellerman
David Kreiss
Donna Plunkett
Joan Quandt
Rick Renfeld
Gerald Smith

5 Years
Timothy Becker
Gregorio Camus
Bruce Carlson
Sharon Feuer
Phillip Griffith
Daniel Hancock
Barbara High
Joseph Hopp
Howard Hopp
Samille Loftsgaarden
Paul Malnati
Samuel McCarty
Plata Moore
Daniel Ness
Dwayne Nix
Nancy Nix
Bruce Schape
Raymond Scheier
Patricia Smith
Don Siewer
George Tesla
Mary Todd
Steven Warnke
Charles Wilford

TWIN CITIES SMQ

30 Years
Kenneth Kargus

25 Years
Richard Lachenmayer

5 Years
Donna Jenderry

CLEAR LAKE

20 Years
Richard Bydion

10 Years
Nancy Grubike

JACKSON

15 Years
Dorine Polz

10 Years
Alice Schwager
Mark Suhr

RETIREES

Lende Anderson
David Bleifuss
Harold Brustad
Calvin Burk
Keith Davidson
Olga Duresky



Thomas Honan
Michael Koller
Francis Kubash



Gordon Lamb
John Lanson
Robert Leary
John Shanley
Viola Townsend



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COMMUNITY INVOLVEMENT



Phone Workers — The Viking Council of the Boy Scouts of America needs individuals to work as phone workers through 1986. Time commitment will be only 10-20 hours during the year, but the scouting program benefits greatly. The scouting program succeeds only through the help of volunteers.

Scout Leaders — Another service of the Viking Council is to provide scouting for the handicapped. There is a need for adult leaders to work with mentally and/or physically handicapped Scouts. Present needs are for Unit and Assistant Unit Leaders (up to 10 hours per month commitment). Volunteers are also needed for Unit Service which includes visiting one or two units every other month and reporting to a committee. Time commitment is three to four hours per month.

Intake Counselor — Conduct brief interviews and take medical histories in clinic for adolescents. Learn to compile information for medical charts and forms. North suburbs—one evening per month.

Computer Tutor — Individualized instruction using Plato and Apple terminals. Work with children (ages 8-17) at residential treatment center in south Minneapolis. Evening and weekend hours; training is provided.

Tutor — Share your love of reading and help someone discover new horizons. Literacy tutoring for adults and special needs persons on a one-to-one basis. Patience and friendly attitude a MUST!

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COMMUNITY RELATIONS DEPARTMENT AT 456-4803
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