

Energy Systems at Portsmouth

A Monthly Newspaper for Portsmouth Gaseous Diffusion Plant Employees of Martin Marietta Energy Systems, Inc.

Volume 4

Piketon, Ohio

April 1989

Number 4

FAMILY TOUR DAY

Scheduled over two weekends
to accommodate plant visitors

Nearly 5,000 employees, retirees and their families are expected to participate in Family Tour Day activities planned at the Portsmouth Gaseous Diffusion Plant for the weekends of May 20-21, June 3-4, and, if necessary, June 10-11.

"This is something I have wanted to do for some time," said Ralph Donnelly, plant manager. "I am really looking forward to personally meeting many of our employees' families."

The driving and walking tour of the Portsmouth plant, scheduled to take approximately two and 1/2 hours, will include visits to the X-720 Maintenance Facility, X-343 Feed and Feed Sampling Building, and the X-300 Plant Control Facility.

Because of both logistical and personal protection considerations, the demonstration cell at the X-333 Process Building has been excluded from the tour.

Eight luxury buses have been leased for this occasion. The tour will begin and end at the South Office Building (formerly the SWEC Building). Videotapes of plant activities and exhibits will be on display for all plantsite visitors.

To minimize any inconvenience for families wishing to participate in the tour, a pre-registration "Ticket Request" was mailed to every employee by letter March 27 from Ralph Donnelly. Once the completed forms were returned and reviewed, each family received a notice confirming the date and time of their reservation schedule to tour the plant.

Admission tickets for the tour will be

issued for each family when they arrive plantsite at the designated time and date for their tour.

To ensure that all employees experience a safe and enjoyable tour, the following advice and guidance is offered:

- PORTS employees must bring their plant ID card to be admitted to the plant and serve as escort for family members. Escorts will be provided for all uncleared employees, retirees and their family members.

- All visitors must be U. S. citizens.

- Tour badges will be issued to all family members upon arrival at plantsite.

- Prohibited articles include cameras, firearms, ammunition, explosives, incendiary devices, recording devices, reproduction devices, intoxicants, illegal materials and radio transmitters. Such items are not permitted on the plant site.

- For security reasons, diaper bags, purses, briefcases, strollers, etc., will not be allowed on the bus tour.

- No facility will be provided for child care.

- The plant medical facility will be opened to provide emergency services, if required.

- Smoking will be permitted in designated areas only.

- All plant employees and visitors are asked to observe safety and health standards, regulations and procedures during the tour.

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Hourly occasional trainers at work

Fourteen hourly employees attended the February session of the Plant Occasional Trainer Certification Program and are now assisting Central Training by conducting and presenting Mobile Equipment Training Programs. They will be working with all types of mobile equipment utilized at the Portsmouth plant. The certification granted will allow them to conduct both classroom presentations and hands-on field work. (Additional photo on Page 2)

Survey to gauge perceptions of facility work environment

Have you ever said to yourself or maybe even to a co-worker, "If they only knew what I really think about this place!"

Soon Portsmouth plant employees will have just that opportunity to express their feelings about their jobs, company policies and practices, work environment, supervision and fellow employees — be it good or bad — in an Employee Communication Survey (ECS) to be conducted early in June at all Energy Systems sites. Similar surveys are to be conducted at Martin Marietta Corporation facilities nationwide.

All employees will be given the opportunity to complete the survey. The survey is completely confidential and anonymous. Once completed, it will be placed in an envelope and sealed by the employee. No one at the plant or the within the company will review the completed survey.

A Task Group — Greg Barch, Dave Dautel, Tom Douglas, Wray Jordan, John Knauff, Judy Mahoney, Ralph Nolfi, Ron Sharp, Angie Strickland, Carol VanMeter, Reed Walters and Cathy Williams — was formed to implement and administer the survey.

That group will collect the sealed survey envelopes for submittal to the Genesys Corporation, who will compile and analyze the data.

Only statistical results of the survey will be made available. The individual surveys will be destroyed by Genesys.

The survey will serve as a means for management to measure employee's perceptions relating to job satisfaction, performance, changes in company activities and communication, as well as to flag areas

(Continued on Page 2)

GRADUATE PORTRAITS

Sons, daughters and spouses of PORTS employees or retirees who are being graduated from high school, college, or technical schools this spring will again be featured in an upcoming issue of Energy Systems at Portsmouth.

Billfold size photos of graduates should be submitted to Cathy Williams, Public Relations, MS 1118A, X-100, by Friday, June 2.

Graduate's full name, name of school, employee's name, department number and mail stop should be lightly written, in ink, on the back of the submitted portrait.

PLANT MANAGER'S COLUMN

FAMILY DAY

Family Tour Day activities begin May 20.

A lot of people — members of a coordinating committee and many others — have worked hard to plan this activity.

During the tours, each employee must put forth an effort to help out — keeping family members within walkways, assuring safe conduct, assuring adherence to security regulations, and helping to make it easy for the tour guides to perform their tasks.

We appreciate your understanding and cooperation, and your assistance in helping us to make this a successful event.

PLANT POWER LEVELS

The Portsmouth Plant's operating power level has increased sharply and decreased just as significantly several times since the first of fiscal year 1989.

During the planning for FY89 several years ago, the contract load with OVEC was based on the fact that enriched uranium demands were forecast higher than they actually are today. One recent power fluctuation resulted from an agreement with OVEC enabling 950 Mw of demand to be sold back to OVEC in November. The plant power level dropped to 1028 Mw for that month.

Other causes for changes in power level have been tied to the power budget. And we continue to utilize off-peak power whenever possible.

Regardless of recent changes, the days of low-power operation at Portsmouth are almost at an end. The country's product stockpile is almost depleted, and the Portsmouth facility must produce to meet DOE enrichment services contracts. Power level is projected to be high beginning Oct. 1, 1989.

Until we increase and stay at a specific set higher power level, flexibility remains the key to effective plant operation.

AVLIS DEPLOYMENT IMPACT

Some recent newspaper articles have questioned the future of our plant and speculated on the effect that deployment of the Atomic Vapor Laser Isotope Separation (AVLIS) process might have on that future. One article even suggested that the Portsmouth plant might close as early as 1995.

The future of the Portsmouth Gaseous Diffusion Plant through the next decade and past the year 2000 looks very bright. We are currently operating at about 80 percent of our peak design power load. After Oct. 1, we will be operating at almost 90 percent. We expect to be at this level past the year 2000. Customer demands for enriched uranium product are expected to increase slightly from present levels through the year 2000, and the high operating levels are necessary to meet that demand.

The AVLIS program people are currently proposing a demonstration facility in the early 1990s and a production plant which would begin operating around 1996, but the production plant is projected to have a capacity less than half of what we have here at the Portsmouth Gaseous Diffusion Plant. This production plant is unlikely to have an immediate significant impact on all of the diffusion plant complex; indeed, it is intended to replace the highest cost diffusion production. Further AVLIS capacity would be added after 1996 if market demands warrant the additional production.

Speculation that the Portsmouth Gaseous Diffusion Plant might close in the 1990s is just that. We currently are able to purchase the lowest cost electrical power in the gaseous diffusion complex (power is 80 percent of our production cost), and we have the high assay production capability for the Nuclear Navy in our X-326 facilities. There are currently no plans to produce high assay enriched uranium by the AVLIS process.

We are proud of our record of safe and efficient operations here at the Portsmouth Gaseous Diffusion Plant. We are frequently described in the newspapers as a "35-year-old-plant." Only in general is that description correct. Our process equipment was completely refurbished during the Cascade Improvement Program and the Cascade Upgrading Program which were completed in 1983. Our plant is operating with very high on-stream efficiencies as a result of outstanding efforts by the Production and Maintenance organizations and those which support them.

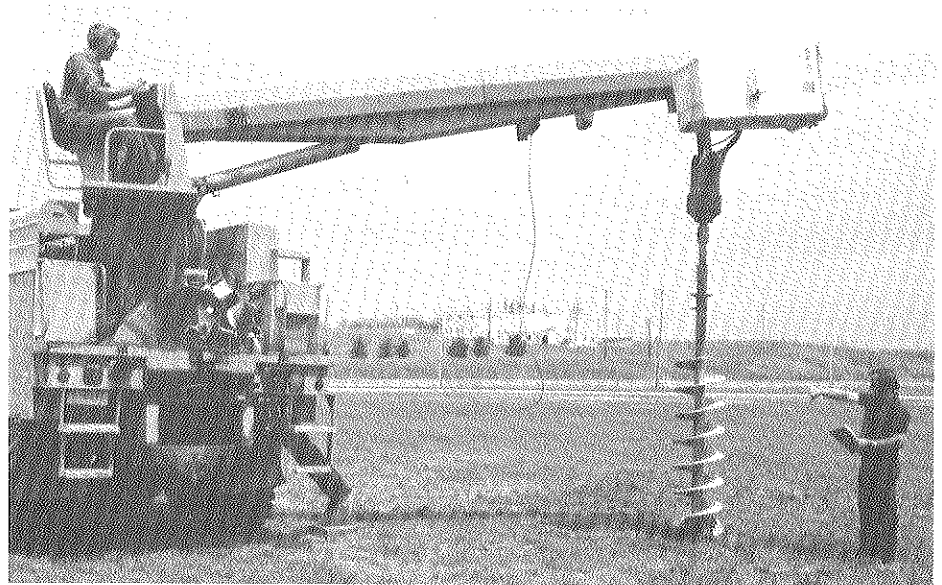
Since Martin Marietta Energy Systems operates all three gaseous diffusion plants, its official position is neutral concerning siting of an AVLIS production plant.

The siting decision is scheduled to be made next year by DOE. We do support the proposal that the AVLIS production plant be located at one of the existing gaseous diffusion plants. Energy Systems appreciates that you and the plant's neighbors want the AVLIS plant here in Southern Ohio.

We are fortunate to enjoy a reputation as a good corporate neighbor. We can uphold that reputation and enhance our potential for additional projects by strictly adhering to our values which stress that people come first, by protecting the health and safety of our employees and the environment around us, and by continuing to improve our productivity and keep the cost of our product down at competitive levels.

These tasks require the continued participation and involvement of all employees. The people of the Portsmouth Gaseous Diffusion Plant must work together to maintain and improve the image of responsible, caring corporate neighbors and highly capable uranium enrichment plant operators.

Remember, the future of this plant is bright, and it is in our hands.



Mobile equipment training expanding

Several of the 14 new hourly trainers conducted sessions in March after attending the Plant Occasional Trainer Certification in February. The new Mobile Equipment trainers are Doyle Coleman, Carl Houser, Walt Johnson, Mike Cole, Bob McCoy, Danny Denney, Terry Easter, Ray Radabaugh, Mick Davis, Ken Willis, Jim Morrison, Chuck Wiltshire, Jim Pratt and Dave Quillen. (Additional photo on Page 1)

Osborne in state competition

Teresa K. Osborne CPS, Secretary I, Medical Department, has been selected as one of the three finalists for Ohio Division Secretary of the Year for Professional Secretaries International (PSI).

Osborne represents Buckeye Chapter, PSI, and will compete with the other finalists in a press interview during the Ohio Division Annual Meeting at the Columbus Marriott North on May 13.

Each of the 42 PSI chapters throughout Ohio is responsible for selecting its Secretary of the Year (SOTY) representative. Criteria for this honor are based on education, business experience and involvement in PSI activities.

Shortly after Osborne began employment at the Portsmouth Gaseous Diffusion Plant, she joined Buckeye Chapter, PSI, in December 1981. She received her Certified Professional Secretary (CPS) rating in 1985.

Recent PSI activities for Osborne include serving as a Co-Chairman of the Chapter's 1988 annual seminar and completing a term as Treasurer. She has held other offices and served on a variety of committees throughout her years of chapter membership. She also serves on the Ohio Division's Committee for Future Secretaries of America.

Osborne is an advisory board member for Pickaway-Ross Joint Vocational School High Skill Stenography. She also serves as a judge for Southwest Ohio Regional Business Professionals of America Club competition and speaks to local schools groups on business topics.

In 1988 she represented the plant's Environment, Safety and Health Division by membership on the Job Opportunity Program for non-exempt personnel, in its annual United Way Campaign, and participation in the Savings Bond Campaign Kick-Off activities.

Osborne lives in Chillicothe and is a senior at Ohio University pursuing a bachelor's degree in business administration.



Osborne

Survey

(Continued from Page 1)

of concern for remedial action. After all, a problem cannot be resolved if no one knows there is a problem.

A similar survey was conducted at Energy Systems sites in 1986 and was the first opinion-gathering mechanism offered since the 1970s. This new survey continues the commitment established in the 1986 survey to an ongoing process requiring the company to survey employees every three years as a means to trace trends that indicate changes in employee perceptions. The 1989 survey now includes the Portsmouth plant.

The results of the survey will be published and made available to all employees.

"We are hoping for 100 percent participation at Portsmouth and look forward to reviewing the analysis of the surveys," notes Ralph Donnelly, plant manager.

"By continuing to work together, we can make our plant the 'best' place to work."



Videos for loan multiply

Check us out!

Six new videos have been added to the Employee Video Loan Library to both educate and entertain employee families on plant operations and activities. All programs are available in both VHS and Beta format.

The plant's video library now includes:

- Portsmouth Today (Nos. 1-4). Each of the tapes produced to accompany the plant manager's quarterly employee communications sessions.

- MMES & DOE: Flagship of the Enterprise. Informational segments on the corporation and DOE uranium enrichment.

- In the Unlikely Event. The Portsmouth Plant's public warning siren system.

- 1988 Savings Bond Campaign Talent Show. American entertainment from PORTS personnel.

- Emergency Teamwork '88. An overview of the plant's first full-scale emergency exercise.

- Together We Can Make It Happen. The program of appreciation for the talents of PORTS employees.

- 1988 Camden Park Outing. Scenes from the annual picnic set to music.

- 1988 Christmas Party. Scenes from the annual event set to music.

- 1989 Martin Luther King Observance Program. Join Dr. Francine Childs of Ohio University as she remembers Dr. King.

Employees are reminded that tapes are not to be copied or used for any type of presentation outside the home.

Other videotapes entering the loan program will be announced upon their availability.

Anyone wishing to "check out" a video from the plant library must first visit the Public Relations Department, M/S 1118-A, X-100 Administration Building.

Videotapes now included in the Employee Video Loan Library to entertain employee families include the 1988 Savings Bond Campaign Talent Show. This program featured songs, skits, dance and comedy done by plant personnel. Employees who want to check out a videotape from the plant library must visit the Public Relations Department, M/S 1118-A, X-100 Administration Building, to sign for the tape and obtain the required form.

Obituaries

Clyde R. Holdren, 68, Jackson, April 10. Holdren was an Administrative Specialist at the time of his retirement in June 1984.

Lawrence V. Schum, 79, Falls Church, Virginia, April 3. Schum was an Engineer at the time of his retirement in July 1974.

Floyd Taylor, father of Barbara Halcomb and Jesse Taylor.

Oliver C. Kennedy, 81, Sidney, Ohio, March 10. Kennedy was a Maintenance Mechanic 1/C at the time of his retirement in July 1972.

New Arrivals

Son, Wesley Dale, Feb. 17, to Robert (D-822) and Cheryl Lyon.

Son, Aaron Mathew, March 1, to David (D-931) and Debbie Bihl.

Retirees

March 1

William O. Knauff, Portsmouth, Security Inspector (D-911), after almost 36 years of service.

Joe E. Page Jr., Portsmouth, Electrician 1/C (D-711), after more than 11 years of service.

Robert L. Smith, Lucasville, Foreman-Maintenance (D-711), after almost 36 years of service.

April 1

Ernest L. Caskey, Piketon, Maintenance Mechanic 1/C (D-726), after almost 14 years of service.

Virgil S. Emler, Peebles, Engineer, Principal (D-544), after almost 36 years of service.

Roger L. Gahm, Lucasville, Electrician 1/C (D-711), after more than 11 years of service.

Thurman J. Harrison, McDermott, Production Process Operator (D-814), after more than 35 years of service.

Ralph W. Schultz, Waverly, Power Coordinator, Foreman (D-831), after more than 34 years of service.

Joseph A. Weber, West Portsmouth, Supervisor Process Area (D-811), after almost 36 years of service.

New Employees

Esther M. Klinebriel, Administrative Specialist Sr., Information Services, April 3.

Rhonda M. Renn and Tulanda D. Hopson, Co-Op Students, April 17.

Earl J. Tyler, Designer, Electrical Engineering, April 17.

Dennis L. Dunn, Stationary Engineer, Utilities Operations, April 17.

Donald G. Fraley, Mark S. Andronis and Nancy J. Huff, Security Inspector, Police Department, April 17.

Donald H. Ruggles and Jodie R. Elswick, Chemical Operator-in-Training, Chemical Operations, April 17.

Progressions & Promotions

Gary S. Doerr, from Reproduction Operator, Engineering Records (D-452), to Drafter II (D-611).

Roger D. Landrum, from Utilities Operator (D-832) to Quality Control Inspector (D-551).

Rosemary Richmond, from Medical Technician (D-111) to Administrative Specialist, Quality Assurance (D-103).

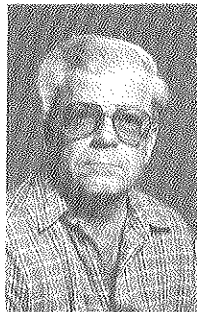
Philip W. Howe, from IHHP Surveyor I to IHHP Surveyor II (D-102).

Allie C. Skaggs, from Computer Operator I to Peripheral Equipment Operator (D-446).

Kathi L. Osborne, from Micrographics Production Clerk to Engineering Data Control Clerk I (D-452).



Harris



Maddox

Promotions

Gerald L. Harris has been promoted to General Foreman, Materials & Service (D-332). He reports to C. W. Robinson, Superintendent.

Clifford A. Maddox has been promoted to Foreman, Maintenance (D-711). He reports to J. A. Crandall, General Foreman.

SERVICE MILESTONES

There are 10 employees reaching the 35-year service milestone in May. They are Norman R. Anderson, Donald E. Arnett, Gerald R. Ashley, David E. Daulton, William T. Durbin, Francis U. Green, Bruce R. Lindsay, Jules E. Ratliff, Charles O. Spencer Jr., and Robert D. Whitt.

Ralph G. Donnelly now has 30 years of service.

Alexandros C. Alatsis began service 20 years ago.

Richard W. Craycraft, Lila J. Donley, Stewart A. Mell and Donna L. Steffy have 15 years of service.

Daniel J. Charles, Steven L. Johnson, and Sharon L. Reeves now have 10 years of service.

David L. Adkins Jr., Kenneth M. Captain, Willard E. Fenton, Deborah L. Houseman, Richard A. Parker and Jeffrey W. Simpkins reach the five-year service mark in May.

MARTIN MARIETTA
 Energy Systems at Portsmouth
 MARTIN MARIETTA ENERGY SYSTEMS, INC
 A subsidiary of Martin Marietta Corporation
 Acting under
 U.S. Department of Energy
 Contract DDE-AC05-76OR00001
 Published Monthly in the Interest of Employees of the
 MARTIN MARIETTA ENERGY SYSTEMS, INC.
 PORTSMOUTH GDP
 An Equal Opportunity Employer
 PUBLIC RELATIONS
 X-100 Building, M/S 1118-A
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You're charged with halting computer flu

(EDITOR'S NOTE: Part of the following article, with permission, is from the February 1989 issue of "Perspective" — a Martin Marietta Data Systems' newsletter)

With the cold and flu season around you may find your personal computer (PC) suffering from an electronic virus itself.

Most viruses leave no external signs of their presence after infection. An infected program may operate for years without giving any signs of the infection.

Computer viruses are segments of a self-replicating computer program code which attach to programs on the host computer and then reproduce within another program. After the virus has replicated, it is activated by a trigger mechanism (April Fool's Day, holidays, Friday 13th, etc.), at which time it usually causes damage to the host system.

For example, on a drab December morning several years ago, Bill Murray, currently an employee of the "Big 8" accounting firm Ernst & Whinney, sat at his computer routinely reading his electronic mail. As he opened his next message, he got a pleasant surprise.

On the left hand corner of his color monitor a reindeer appeared. Tiny, white snowflakes fell out of the night sky and one by one, eight perfect little creatures emerged pulling a bright red, robust Santa in his sleigh. The jolly elf waved to Bill as he crossed the screen. All of a sudden a rocket rose off the horizon, heading straight towards Santa's sleigh! As the objects collided the screen exploded with a colorful "Merry Christmas!" message.

"What fun," Bill thought as he quickly sent the same greeting to 20 people on a distribution list.

Like many similar programs on nationwide public bulletin boards, the famous IBM Christmas virus seemed to be a fun harmless greeting before it wreaked havoc

to its host system. And unknowingly, Bill helped spread the virus whose sole intent was to clog IBM's entire communications pipeline. It worked!

Computer viruses can erase or modify data, cause system crashes, interfere with input/out functions, make a disk unusable and/or jam the drives, damage the monitor through the controller chip, jam the printer by moving the paper backwards and disable a keyboard. Damage can occur immediately, later, or in any combination. Sound serious? It is!

People who start a computer virus may be experimenting or playing a practical joke. Greed and/or vengeance motivates disgruntled employees and other persons.

Curt Stollings, the Portsmouth Plant's Computer Security Site Manager (CSSM), noted that external or public networks, including electronic mail communications, are not the only source for introducing a computer virus. Employees carrying computer media (floppy disks) onto plantsite from other facilities and loading the data/information into a computer system significantly increase the risk of introducing a virus into our systems.

The Portsmouth Plant's policy regarding computer viruses is as follows:

- All Division Security Officers (DSOs), Computer System Security Officers (CSSOs), and users are responsible for monitoring computer resources for any unusual activity.
- No "public domain" software is to be used on computing resources unless it is obtained from an approved source, the source code is included, or the public software is obtained under a purchase order.
- Software is only to be copied or down loaded from MMES sanctioned bulletin boards.
- System software backups are maintained to aid in recovery if a virus is found on currently used software.
- Software for production applications shall be installed only after it has been tested or adequate documentation exists.

Portsmouth employees can help prevent the possibility of infecting the plant computer systems by adhering to computer security administration and procurement policies outlined in Standard Practice Procedures S-23 and P-24, respectively.

Requests for access to any government or public bulletin boards must be approved by the PORTS CSSM on form A-2213 (ADPE Budget and Acquisition Justification).

What Should I do if I Suspect a Breach of Computer Security?

If you suspect that your PC is a victim of a computer virus, report it immediately to the PORTS CSSM, your respective DSO or CSSO.

1. Preserve any tangible or intangible evidence as to what has occurred. Helpful clues may include records, audit trails, access points, logs, personnel records, and computer records indicating access and utilization.
2. Do not discuss the incident with outsiders unless authorized to do so.

Serving as division security officers are John Bowdle, Dave Carmon, Paul Cross, Carl Dobbins, Rich Grant, Keith Lisk, Doc Overly, Erk Picciano, Gary Workman, and Jim Yocum.

How Can I Prevent A Viral Attack?

Experts agree that user awareness is the key to computer security. By following the simple do's and don't below, you can make PORTS networks "immune" to viral attacks:

DO:

Accept computer programs ONLY from known, authorized and trusted sources

Exercise caution when down loading executable programs from bulletin boards

Test new software ONLY in places where there is no potential for a copy to be made

Change passwords frequently (every 90 days unless you handle sensitive data, in which case every 30 days is better)

Remove terminated user IDs immediately

Avoid use of easy to guess passwords such as first, last or pet names

Make frequent periodic backups

Allow only one person at a time to have "write" access to a program

Report unusual behavior or results to PORTS CSSO or DSO representatives

DO NOT:

Accept or allow use of copied or pirated software

Share program software diskettes with other users

Use pre-compiled programs

Allow access to microcomputers by unauthorized persons

Leave floppy diskettes unattended

Savings Plan-Personal Investment Account

	Fixed Income Fund	Martin Marietta Stock Fund	Equity Investment Fund
December 84	27.8693	13.4976	19.4395
December 85	31.0470	16.6710	25.2836
December 86	34.4021	18.8562	30.6971
December 87	37.7509	20.9032	31.0548
December 88	41.2492	20.6527	40.1600
January 89	41.5818	21.5620	43.6935
February 89	41.8878	22.1606	42.5771

Note: Fixed Income Fund unit values reflect interest additions to achieve the guaranteed effective annual interest rate of 9.5% for 1989. Martin Marietta Stock Fund and Equity Investment Fund unit values represent the month-end market value of securities held by the Fund. The price of each unit is determined by dividing the total of the securities by the number of units in the Fund.

Family Tour Day

(Continued from Page 1)

Members of the Family Tour Day Planning Committee include Connie Eckhart, Chairman, Quality Assurance; John Ater, Medical; Greg Barch, Engineering; Cecil Broughton, Waste Management; Dot Clifford, Payroll; Fran Cutler, Distribution Services; Kevin Hayes, Telecommunications & Office Services; Josie Jordan, Maintenance Engineering & Services; Harold Kneeland, Public Relations; Bill Kouns, Plant Security and Shift Operations, Dave Knittel, Enrichment Planning and Analysis; Kristi Landman, Police; Jerry Moore, Training; Bill Pyles, Production Engineering; Bill Reep, Security; Don Rhoads, Purchasing; Don Rockhold, Quality Assurance; Cheryl Salmons, Quality Assurance; John Thompson, Engineering; and Fred Williams, Instrument Maintenance.

401(k) limits up

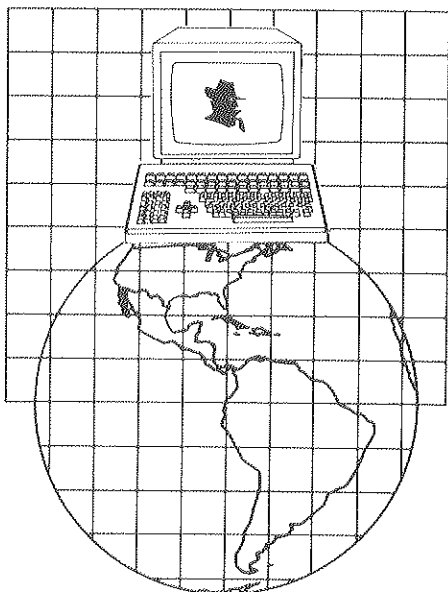
The Internal Revenue Service has raised the limit for 401(k) plan contributions for 1989 to \$7,627 (as compared to \$7,313 for 1988) and has clarified the definition of "highly compensated employee" and the application for 1989 and the future.

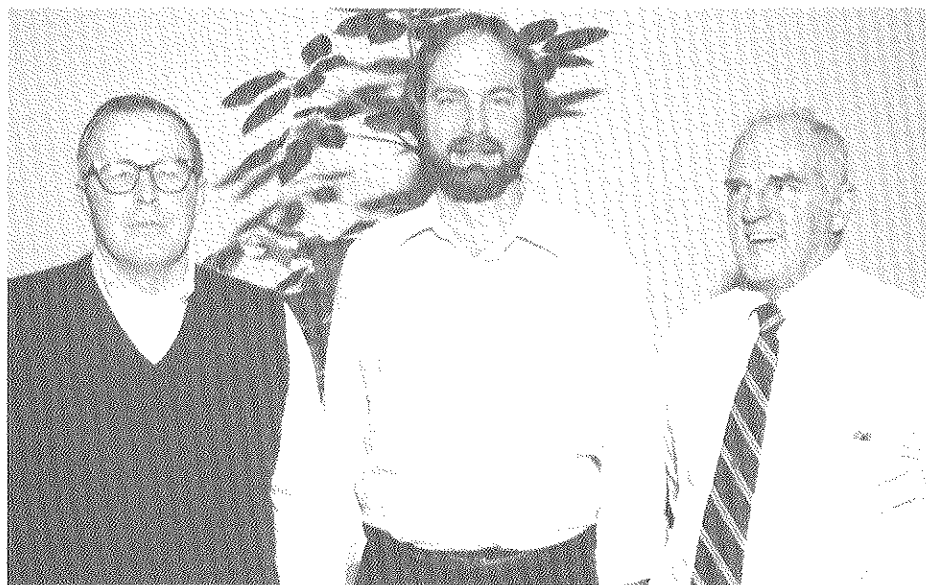
Employees who earned \$52,235 or more in 1988 are considered "highly compensated" for 1989. Employees who earn \$54,480 or more in 1989 will be considered "highly compensated" for 1990.

The maximum contribution to a salaried employee's 401(k) plan will be 8.5 percent of pay up to a maximum of \$7,627.

Benefit Plans is monitoring its discrimination test on a monthly basis to determine whether further adjustments are necessary. Employees who are to be impacted by changes will be notified.

Employees who earned less than \$52,235 in 1988 may contribute up to 17.5 percent of their pay up to \$7,627.





A special Cost Reduction "I"dea Program award this year went to Jerry Crandall (left), who had an accepted idea with the largest potential dollar savings in the first year of implementation. Others who submitted significant cost savings ideas which were accepted were Jeff Gerz (center) and Bob Martin (right).

Cost-reducing employees honored at March luncheon

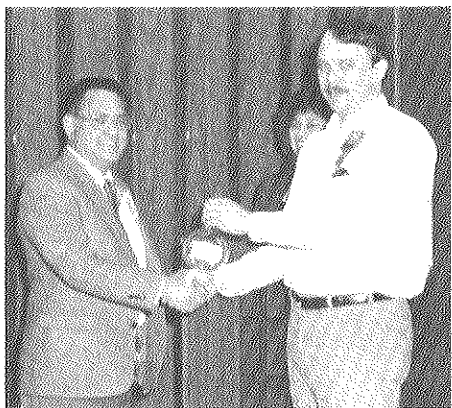
Cost reduction ideas submitted by Portsmouth Plant employees in 1988 provided for an estimated first-year savings of more than \$720,000.

"You really care about the future of our plant when you share your ideas with us," stated Ralph Donnelly, plant manager, at the luncheon conducted March 14 to honor the 50 participants.

"The people performing the jobs are the best resources we have to challenge the system," he added.

There were 155 ideas submitted in 1988. Of these, 48 were accepted, representing an estimated yearly savings of \$722,675. Of the 2,660 ideas submitted during the past 11 years, 938 were accepted and implemented, representing more than \$13 million in cost savings.

Jerry Crandall, Electrical Maintenance, was attributed with having an accepted idea with the largest potential dollar savings in the first year of implementation. His idea



New coordinator

The "passing of the beaker" from Art Cardenas to John Hobensack occurred during the Science Demonstration team recognition luncheon Feb. 14. Cardenas received special recognition for serving as the program's technical coordinator for the past 10 years. The responsibility now belongs to Hobensack.

"Utilization of a GCEP Substation Versus Total Replacement of an Existing Substation at X-344" resulted in a savings of \$250,000.

Other significant cost savings recognized for accepted ideas included "Unit Shutdown and Power Redistribution while Performing X-II Joint Replacements" submitted by Bob Martin for a savings of \$180,000 and "Modification of the Return Point, Based on Special Analysis, for Excess UF6 from the X-342/X-343 Liquid Sampling Operations" submitted by Jeff Gerz for an estimated \$110,000. Both Martin and Gerz are members of Production Engineering and Services.

Sid Secrest was singled out for 20 consecutive years of idea acceptance through the Cost Reduction "I"dea Program.

Others recognized for years of participation in the program included Rich Cormany, Ed Engle, John McClellan, Betty Page, Clint Wolford and Teresa Wright with five; Ben Fenton, Bob Martin, and Larry Zonner with six; Billy Short with seven; Ray Fankell, Bob Pilney, and Art Romero with eight; Ron Sharp for nine; and Art Cardenas with 17.

The 12 employees having their first idea accepted were recognized as new members of the "Cost Reduction Club."

The Personnel Division received the division award for having the highest percentage of employees (five of 42) with ideas accepted.

Each employee with an idea accepted received a gift selection booklet.

In his concluding remarks Donnelly challenged participants to become "repeaters" in the program. "We rely on all the savings you give us through your ideas," he said.

HOME SAFETY: PART ONE

Clutter breeds combustion

(EDITOR'S NOTE: We care about your safety, on the job, and at home. Please read the following article closely.)

On a recent episode of "The Hogan Family" fire broke out in the household's attic, because family members could not "part" with memories associated with "things" such as gym sneakers, comic books, and lamps during a spring cleaning.

Later that evening one of the teens was home alone asleep when a faulty electrical cord on the lamp shorted, causing fire to spread rapidly throughout the family's accumulated clutter.

The teen heard the smoke detector and safely exited the house.

Sound like a somewhat favorable ending to a Hollywood story?

What the Hogan family did not realize was that spring cleaning is actually a fire safety activity. Clutter only gives fire a place to start. Holiday gift boxes, newspapers, oily and other flammable rags, outdated clothing, and stored appliance cords, just to name a few, are some of the silent fire hazards in today's homes.

That's why it's so important to take time out of your busy schedules and make it a family project to go through your storage areas. Overstuffed attics, basements and closets do nothing but invite fire. Don't retain things you really don't use.

You could have a garage sale on the next pleasant, spring weekend; give away unneeded items to those less fortunate; or simply dispose of the clutter properly.

But for your own safety — if you can't bear to part with "things" — consider renting space at a mini-warehouse or self-storage facility.

At the very least, straighten things up and be sure everything is at least three feet from furnaces, water heaters and other heat sources.

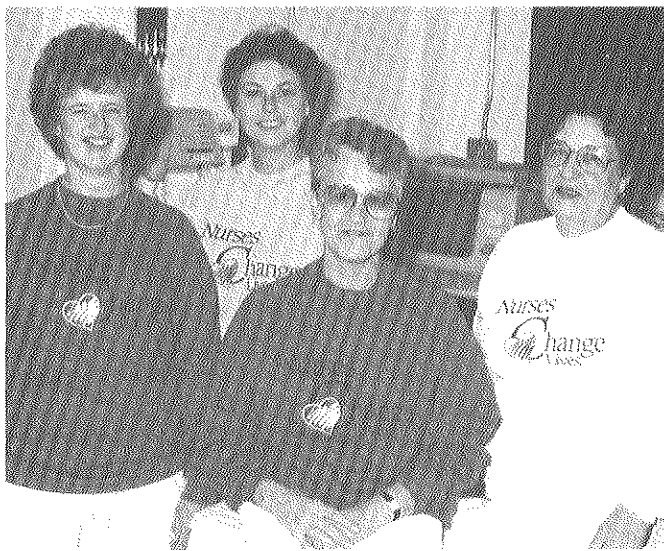
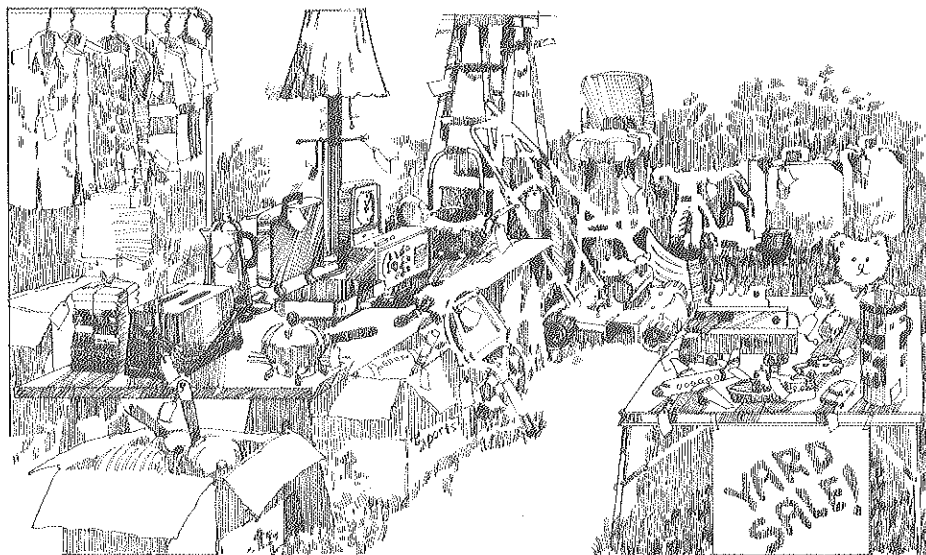
It doesn't have to be very warm for oily rags to heat up, all by themselves, to start a fire.

This might be a good time, too, to replace your smoke detector batteries, have your portable fire extinguishers serviced, and review the condition of your appliance cords.

Parts of your home may be tempting fuel for a fire, and spring cleaning is a chance to make your home safer. So when warmer weather gives you the urge to stretch your muscles and do something, how about attacking that basement, garage or storage room?

Your family will sleep safer tonight, and we will too.

Coming next: Bicycle Safety



Nurses' Day

National Nurses' Day is set aside each year to recognize their vital role in providing health care services. More than 155 years of nursing experience are available here through nurses Barb Halcomb (15), Gimmie Wagner (30), Judy Bernhold (30), Helen Jordan (40) and Peg Sheets (40). Their knowledge, expertise, dedication and services are of great benefit to all of us.

Rainy and cold weather continues to challenge fitness fun runners

Rainy weather and damp conditions didn't stop hundreds of Portsmouth plant employees and family members from completing the third "Fitness Fun Run" on Saturday, March 18.

Four events were coordinated by the plant's Employee Activities Committee (EAC) and conducted on part of the plant's seven-mile perimeter road and over an "overland" course.

The main event, a five-kilometer run, was officially measured and timed. Other events included a one-mile "fun" run, a non-competitive 5K walk, and an Easter Egg Hunt.

Dean Hardman, Distribution and Inspector Operator, Utilities Maintenance, captured the top spot in the men's category of the 5K run for the second consecutive year with a time of 17:19, shaving 45 seconds off his 1987 record.

David Brown, son of Jimmie Brown, Utilities Maintenance, and Jim W. Penwell, grandson of Ed Strausbaugh, Carpenter Shop, finished second and third with times of 18:18 and 18:48, respectively.

Monique Lemmon, daughter of William J. Lemmon, Maintenance Division Manager, grabbed the top honors among the women with a time of 22:00. Debra Young, Power Operations, and Molly Kidd, daughter of Michael Kidd, Systems & Programming, placed second and third with times of 26:05 and 27:53, respectively. Lemmon's time was 18 seconds better than her 1986 victory.

Each person placing first and second in the various age groups for the 5K run also received prizes.

An estimated 150 people braved heavy rains to complete the event's overland walk. The 10 names from this group were randomly selected for prizes ranging from walkman radios to cordless phones.

The Easter Bunny (played by Doc Overly) arrived on a fire truck to begin the hunt of some 4,000 blue eggs. The 300 children

all ages who vacuumed the grounds found all the eggs in eight minutes, in spite of the EAC's two-day effort to hide them.

Nine children, three from each age group, received giant stuffed animals for finding specially marked eggs. Andy Gary, Noah Peed, and Christy Bates received a Nintendo game set through a special children's drawing for the various age groups.

The EAC also provided door prizes, special T-shirts and refreshments for participants.

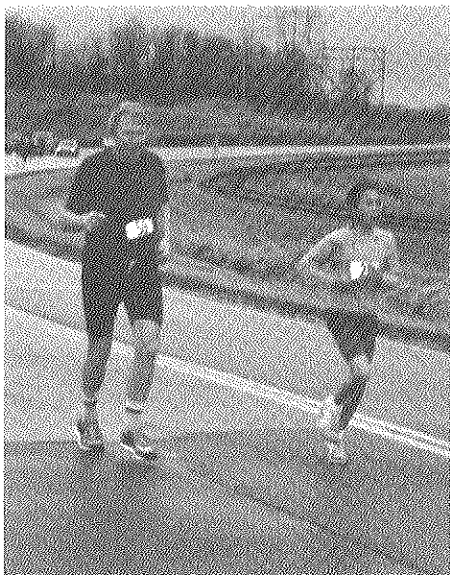
"An event like this for all ages takes a tremendous amount of organization and preparation, and the EAC is to be commended for another fine family-related activity," said Ralph Donnelly, plant manager.

EAC members responsible for coordinating this event were Ron Mount, Race Director; Mike Corbin and Melody Channell, Egg Hunt Co-Chairpersons; Sharon Sexton; Judy Curry; Bill Curry, Connie Eckhart; Jim Whitt; Doc Overly; Shirley Walter; Debra Young; Chris Burkitt; Judy Vollrath; Bill Pyles; Tom Bonner; Greg Barch; Fred Williams; and John Gedeon, EAC Coordinator.

The next "Fitness Fun Run" and Easter Egg Hunt is tentatively scheduled for April 1990.



Despite inclement weather, the Employee Activities Committee provided a very successful 5K Run and Easter Egg Hunt March 25. Christy Burkitt and Bill Pyles (top) — with help from Christy's son Jason — registered employees and their family members. Krista Hart (above), daughter of Larry Hart, grabbed first place in her age group. The prize winning group (left) includes those who won door prizes as well as special prizes following the Easter Egg Hunt.



A steady downpour couldn't stop the "serious runners." Treading along (far left) midway through the 5K race are John Kyle and Chad Ragland, son of Sharon Ragland. Those in best shape who took the gold, silver and bronze in the various age groups at the Third Annual 5K Fitness Fun Run posed for a group photo (left) shortly after receiving their medallions from Plant Manager Ralph Donnelly.

TORNADO WARNING

Heed this advice for your safety

Their time on Earth is short, and their destructive paths are rather small. But the march of these short-lived, local storms leaves paths of terrible destruction.

In Ohio, the peak tornado season runs from April through June, with June being our most active tornado month. Tornadoes can approach in any direction, and in Ohio about 90 percent come from the Southwest. All tornadoes are associated with thunderstorms and generally drop to the ground from the back portion of the storm. Tornadoes are usually preceded by very heavy rains or hail. If hail falls, it is an indication that the storm has large amounts of energy and may become severe.

Immediate action can save lives.

For your own personal safety, you should be familiar with terminology associated with severe weather.

A TORNADO WATCH means tornadoes or severe thunderstorms are possible. During a watch, you should look for the danger signs — thunder, lightning, heavy rains, strong winds, hail, a roaring noise like that of a freight train or airplane, a funnel. Remember, there may not be time for a tornado warning to be issued before the twister strikes.

A TORNADO WARNING means that tornadoes have been detected and to take shelter immediately.

- Stay away from windows, doors and outside walls. Protect your head.

- In homes and small buildings, go to the basement or to an interior part of the lowest level — closets, bathrooms or interior halls. Get under something sturdy. Do not open windows, once thought to minimize wind damage by allowing inside and outside atmospheric pressure to equalize, causes wind entering the openings to lift off the roof.

- In schools, nursing homes, hospitals, factories and shopping centers, go to pre-designated shelter areas. Interior hallways on the lowest floor are usually best. In high-rise buildings, go to interior small rooms or hallways.

- Mobile homes are particularly vulnerable to strong winds and windborne missiles. Their relatively large surface area to weight ratio and thin cladding makes them prone to being rolled over and to penetration by missiles. Even if tied down they should be evacuated for more substantial shelter. In mobile homes or vehicles, leave and go to a substantial structure. If there is no shelter nearby, lie flat in the nearest ditch, ravine, or culvert with your hands shielding your head.

- In open country, move at right angles from the tornado's path. If there's not enough time, lie flat in the nearest depression with your arms shielding your head.

Here at PORTS employees would be notified via the public address system and all four frequencies of the radio systems, followed by a wailing, three-to-five minute blast of the roof sirens. What do you do when the siren sounds? If you don't know, you better find out. Review the Tornado Emergency Plan POEF-1160 Part III-J of the Plant Emergency Manual. PORTS has designated tornado shelters and signs indicating the path you should take to find them.

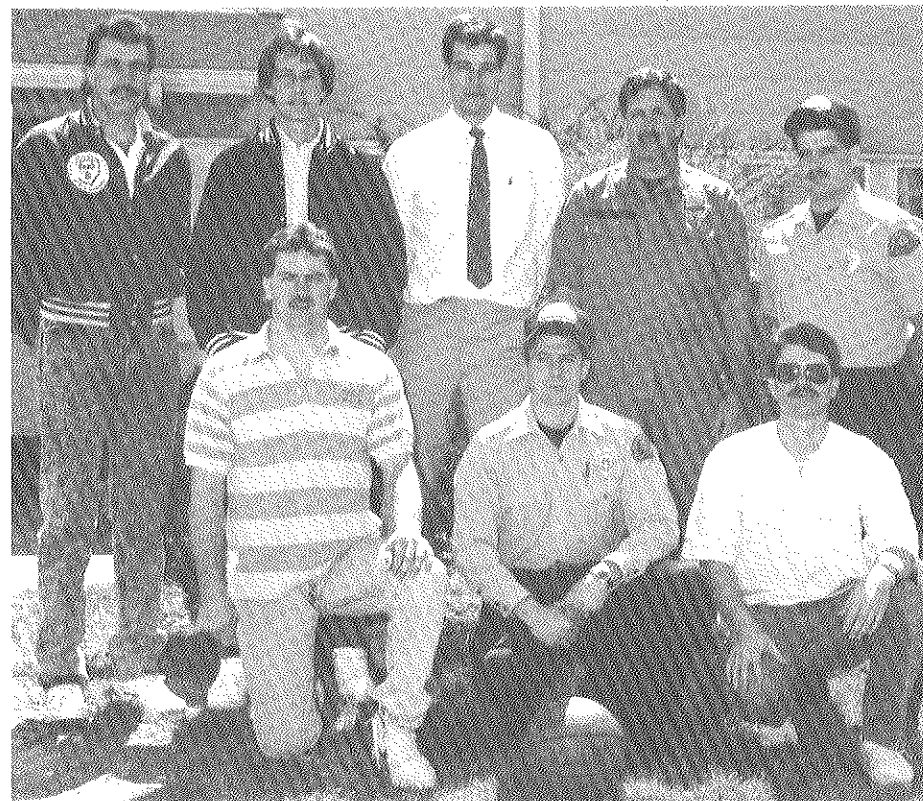
Of all the winds that sweep this planet's surface, tornadoes are the most violent. Remember, knowing what to do and when can mean the difference between life and death.

Employee's daughter recognized for deed

Wellston Girl Scout Martha Chamell, daughter of Melody Chamell, Industrial Hygiene & Health Physics, was presented with a Life Saving Award March 20 at that city's annual Girl Scout Mother/Daughter Banquet for her quick thinking in retrieving a one-year-old child from a swimming pool.

The Wellston Brownie was swimming in the deep end of the pool while the adults were on the deck. The toddler came to the deep end and just walked into the water. He sank almost seven feet when Martha dived down and retrieved him. She then pushed him up to the surface where the parents pulled him from the water.

Seal of Ohio Girl Scout Council President Jan Louver commended Martha at the banquet for her quick thinking and response to the emergency.



Members of the "Department 712" basketball team which captured the tournament crown for the sixth year in a row included (kneeling) Evan Brown, Ed Purpero, Chuck Banks, (standing) Larry Compton, Damon Detillion, Larry Cutlip, Dave Davis and Richie Henderson. The 1988-89 double elimination tournament was conducted with seven teams participating at the Good Shepherd Manor gymnasium. Jim Whitt was the Tournament Director.

Basketball champions repeat for sixth consecutive year

For the sixth straight year, "Department 712" has captured the top spot in the company basketball tournament.

The second place team this year was "The Colliers."

The 1988-89 tournament was double elimination with seven teams participating at the Good Shepherd Manor gymnasium. Jim Whitt was the Tournament Director.

On April 11, Larry Compton was high scorer in the championship game. His 26 points led Department 712 to their 83-73 victory. Their scoring was balanced with Dave Davis, Chuck Banks, Damon Detillion and Larry Cutlip scoring 19, 13, 11 and 10 points respectively.

The Colliers were led by Brett Collier with 22 points. Right behind was his "little brother" — Greg Collier — with 22. Robert Dale Hairston chipped in 14 and Ray Riepenhoff tossed in 11.

"We were very pleased with the turnout this year," Whitt summarized. "With the influx of new employees coupled with the UPGWA assuming a more normal type of shift, the interest in the basketball league and tournament should continue to increase in the future."

Members of Department 712 included Dave Davis (Captain), Damon Detillion, Larry Cutlip, Ed Purpero, Chuck Banks, Richie Henderson, Evan Brown and Larry Compton.

Members of the runners-up include Brett Collier, Greg Collier, Pat Holmes, Mike Bower, Larry Hart, Ray Riepenhoff, Dave

Carver, Robert Dale Hairston and Don Sanford.

"Brett Collier admirably coordinated the 1988-89 basketball league," noted John Gedeon, Employee Activities Committee Coordinator. "A tip of the hat also goes to Department 712 for going undefeated in the league as well as the tournament."

Other tournament teams were the Snail Darters, Cascaders, Over the Hill Gang, Department 829 and Mullins.

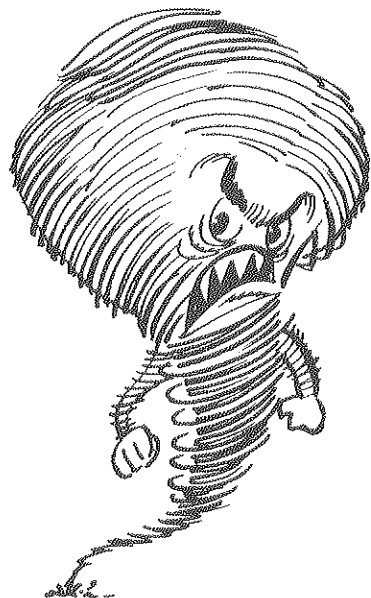
The tournament was developed and conducted by the Employee Activities Committee.

Supplemental life premiums suspended

As a result of favorable experience, premiums for the Supplemental Life Insurance will be suspended for eight months beginning May 1.

Those who are participating in the Supplemental Plan on April 30, 1989, including early retirees, will not have a monthly premium payment during that time.

For hourly and weekly salaried employees, this means there will be no charge for the coverage during the 35 pay periods beginning with the payroll week ending April 30 through the payroll week ending Dec. 24, 1989. For monthly salaried employees and early retirees, there will be no charge for the months of May through December.





Company bowling champs decided

Dave Weiss and Cathy Cornish are the company bowling champions for 1989.

Finishing close behind Weiss were Dave Richter and Tim Burton. Giving Cornish a lot of competition were Jealene Deacon and Alene Weiss.

The March 4 tournament featured the top 15 men and women bowlers after the All Events competition and used seven fast-paced scratch games in round robin style of play.

"A real rarity occurred," reflected Tournament Director Bill Johnson. "Three people had perfect games going into the 10th and final frame."

Tim Burton lost his perfect game on the first ball of the 10th frame. Dan Gash missed on the second ball, and Al Nelson threw strikes until the third ball of the last frame. They finished with 279, 288 and 299 respectively.

The Woodchucks captured the Men's Team Event. The squad consisted of Bill Justice, Dick Gessells, John McGee, Charley Bearhs and Randy Pedigo.

The Get-Togethers grabbed the Ladies'

Team Event. Team members included Debbie Detillion, Jealene Deacon, Sue Davis and Connie Lang.

Tim Burton won the Singles event with a total of 723 with handicap. Bill Dimit finished second with a score of 716 with handicap.

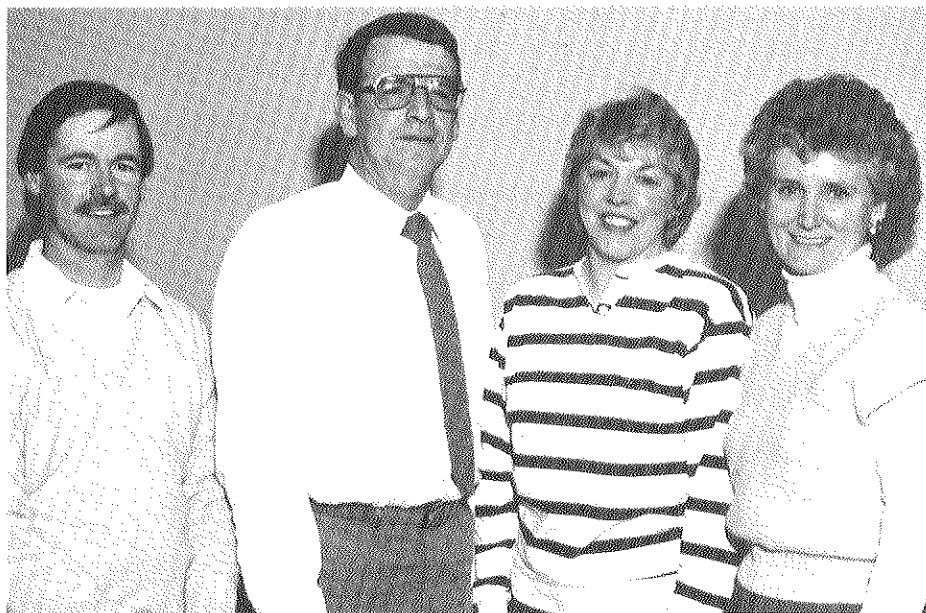
The Doubles event saw Rich Means and Mike Vallandingham throwing a 1338 with handicap. Finishing close behind was Sam Bowman and Andy Ondera with 1296.

The top spot for the ladies was won by Sandy Murta with 617 with handicap. Right behind was Mary Ann Rapp with 612.

The Doubles squad of Edie Dewey and Betty Scowden threw a 1166 with handicap. A few pins behind were Anita O'Conner and Joyce Netter with 1137.

"It's a lot of work, but when you get a lot of volunteers helping with scorekeeping and other duties, it all falls into place," Johnson summarized.

The bowling tournaments are sponsored and funded by the Employee Activities Committee.



Some of this year's bowling tournament champions were photographed recently with Tournament Director Bill Johnson. They are Dave Weiss, husband of Alene Weiss; Johnson; Cathy Cornish and Jealene Deacon, wife of Gene Deacon.

Akers and Timmons submission

Idea savings significant

The Portsmouth Gaseous Diffusion Plant was required this year to dispose of 54 oil circuit breakers (OCBs) from the X-533 Switchyard. The OCBs contained approximately 216,000 gallons of oil presenting a difficult disposal problem.

The estimated cost for proper and safe disposal was estimated to be \$1.7 million. The projected method of disposal was to incinerate the oil, the cost of which was estimated to be at least \$3.25 per gallon.

Steve Akers and Gary Timmons, of Purchasing and Waste Management respectively, became quite interested in this problem. After brainstorming in several different directions and wrestling with many approaches, they developed three specific proposals.

Their novel proposals were submitted through the Cost Reduction "I"dea Program. Dick Blake, who had the enviable task of evaluating the ideas, determined that the initial one was the most feasible.

"It was determined and approved that the oil could be drained from the OCB's and sold to an oil reclamation firm for treating and remarketing," Blake summarized. The estimated cost for oil disposal by incineration probably would have been approximately \$500,000. "In addition, there will be some income derived from the sale of the used oil."

The idea submitted by Akers and Timmons has already been accepted and is being implemented by Waste Management. This method has also been approved with commendation by MMES Central Waste Management.

"This effective and safe method of OCB disposal is a vivid example of the effectiveness of the Cost Reduction "I"dea Program," remarked Plant Manager Ralph Donnelly.

"It provides an excellent vehicle through

which employees can present ingenuous ideas, be assured that they will get a complete answer, and be properly recognized for their efforts."

Not only will Akers and Timmons be assured that their idea will be implemented, their approach will probably save the enrichment enterprise a significant amount of money.

They each will receive a special Cost Reduction "I"dea Certificate. In addition, they will be honored along with other employees who have an idea accepted this year at a special luncheon early in 1990.

CC's Corner

THESE ARE CHANGES
IN THE PLANT
AREA POSTING
DEFINITIONS!

CC's DEFINITIONS

Nonradiological Area—Any area within the plant or facility which is kept essentially free of surface contamination and/or elevated radiation fields.

Radiological Area—Any area within the plant or facility where radioactive materials or elevated radiation fields are present or where access is controlled to protect individuals from radiation or radioactive materials. Radiological Areas include, but are not limited to, Regulated Areas, Contamination Areas, Airborne Radioactivity Areas, and Respirator Areas.

Regulated Area—Any area within a Radiological Area where radioactive materials (exclusive of sealed radioactive sources) are handled but where operations and job activities are such as to result in limited potential nonwork surface contamination.

Contamination Area—Any area within a Radiological Area where high potential for contamination exists.

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