

Uranium Enrichment News

A Monthly Newspaper for Employees of Martin Marietta Utility Services, Inc.

Volume 1

JULY 1993

Number 1

USEC takes over UE; MMUS to operate



To announce the new site direction, the USEC logo and name now appear on Paducah's plant sign on its site access road and Portsmouth's message board on the ramp to the administration complex. Both were unveiled at July 1 ceremonies by officials of USEC, DOE, and Martin Marietta Utility Services. In front of Paducah's new sign are Jim Massey, ERWM Program Manager for both sites; Jimmie Hodges, USEC's Paducah Site Director; Don Booher, DOE Site Manager at Paducah; and Steve Polston, Paducah Plant Manager. At left is Beth Darrough, Ph.D., USEC's Portsmouth Site Director, in front of Portsmouth's revised message board.



USEC is step toward privatization

On July 1, the United States Enrichment Corporation (USEC) began operations as a government-owned corporation. The USEC assumed responsibilities for supplying uranium enrichment services to American and foreign energy customers, the responsibilities formerly performed by the Department of Energy (DOE).

In order to compete more aggressively with foreign competition, Congress established the United States Enrichment Corporation with the passage of the National Energy Policy Act of 1992. As a government-owned corporation, the USEC is the transition step to the ultimate goal of full privatization. Congress envisioned that, relieved of Federal organizational and budget constraints, the USEC would be able to operate as a profitable corporation and compete effectively in the world market for uranium enrichment. With the freedom and flexibility to function as an aggressive competitor, the USEC will support U.S. energy independence by ensuring a reliable and economic domestic source of enriched uranium.

USEC enters the marketplace with annual revenues of \$1.5 billion, which would rank it 275th on "Fortune" Magazine's list of the top 500 corporations in America. Enabling the USEC to operate on a commercial basis will accomplish the following:

- Generate sales to foreign utility customers, reducing the trade deficit by \$500 million per year;
- Improve U.S. global competitiveness through the increased capability to respond quickly and creatively to changing world market conditions;
- Ensure U.S. energy security is not compromised by increased dependence on foreign suppliers;
- Enhance the prospects for making the U.S. once again the world's major supplier of low-cost enrichment services; and
- Offer opportunities for exciting new business ventures — the USEC is helping to implement an international agreement to transform weapons-grade material in Russian warheads into a commercial energy fuel.

President Clinton appointed William H. (Nick) Timbers Jr. on March 9 to manage the transition from the DOE's Enrichment Enterprise to the USEC. He will exercise the responsibilities of Chief Executive Officer and the powers of the Board of Directors until a five-member Board is appointed by the President and confirmed by the Senate.

Jimmie Hodges will represent USEC at the Paducah plant as the Site Director. Beth Darrough Ph.D., will represent USEC at the Portsmouth plant as the Site Director. They will both be responsible for implementing the lease which USEC negotiated with DOE, interacting with local communities and the media, interfacing with the plant operating contractor, and coordinating site activities with DOE.

- Help reduce the Federal deficit in two important ways: first, as it pays dividends to the Treasury, and second, when proceeds from its eventual sale to private investors are paid to the Treasury;

MMUS is created to support USEC

On June 28, Martin Marietta Corporation announced the creation of a new subsidiary, Martin Marietta Utility Services (MMUS), to support the United States Enrichment Corporation (USEC) in producing the nation's enriched uranium. The USEC was established by Congress to assume responsibility for enrichment operations previously directed by the U.S. Department of Energy (DOE).

Effective July 1, the responsibilities for uranium enrichment operations that DOE

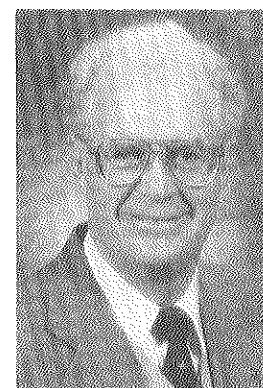
previously had with Martin Marietta Energy Systems, Inc., transferred to USEC and the new subsidiary. MMUS will operate and maintain the production plants in Paducah and Portsmouth that USEC will lease from DOE.

Wendell E. Fields, who has directed enrichment operations for Martin Marietta Energy Systems since April 1992, has been named MMUS president. According to Fields, "MMUS is a direct result of the (Continued on Page 2.)"

Welcome to Uranium Enrichment News

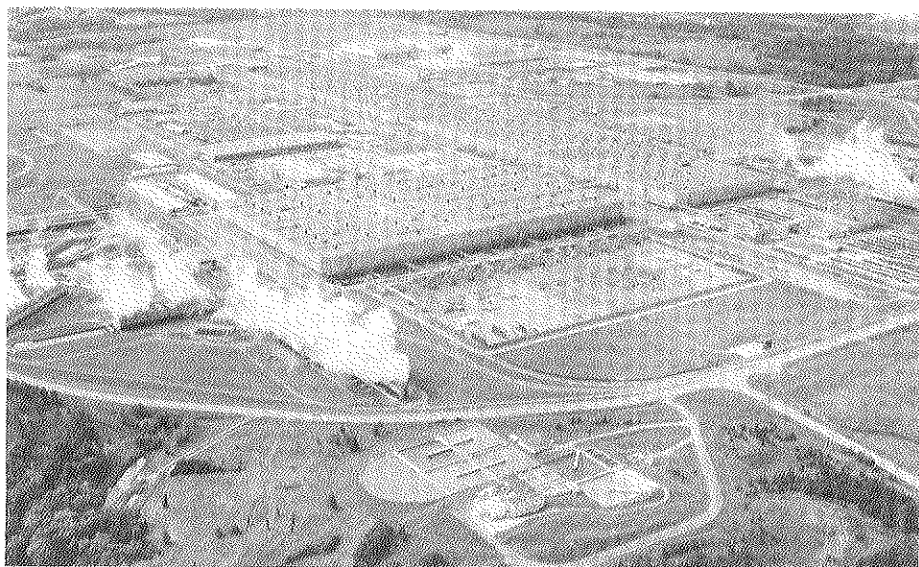
Welcome to the premiere issue of the **Uranium Enrichment News**. Now, for the first time, enrichment personnel have a newspaper that focuses exclusively on the wide variety of activities associated with Martin Marietta's work in uranium enrichment.

Appropriately enough, this paper makes its debut following the creation of Martin Marietta Utility Services (MMUS) and the assumption of responsibilities for U.S. enrichment operations by the new United States Enrichment Corporation (USEC). The establishment of MMUS and the USEC marks the beginning of a new era for U.S. enrichment. Please join me as we follow the exciting progress of a revitalized U.S. enrichment industry in the pages of **Uranium Enrichment News**.



Wendy Fields

Uranium enrichment operations under MMUS



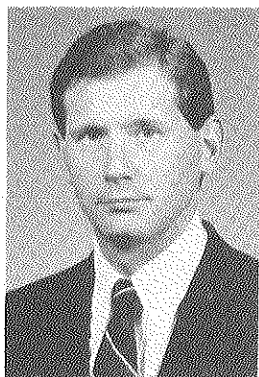
**Portsmouth Gaseous Diffusion Plant
Piketon, Ohio**



**Paducah Gaseous Diffusion Plant
Paducah, Kentucky**

(Continued from page 1)

Taylor and Massey to head ERWM



Taylor

Dave Taylor and Jim Massey have been appointed by Martin Marietta Energy Systems to positions of responsibility for functions at both the Portsmouth and Paducah sites.

Dave Taylor has been named Environmental Restoration and Waste Management (ERWM) Site Operations Manager for both the Portsmouth and Paducah gaseous diffusion plants.

In this position, he is responsible for overseeing programs, facilities and activities that remained with the Department of Energy (DOE) after operation of the plants transferred to the United States Enrichment Corporation on July 1. He reports to Linc Hall, Vice President for ERWM Operations and UE Support.

Jim Massey has been named ERWM Program Manager for both the Paducah and Portsmouth sites. In this position, Massey is responsible for overseeing work done by Martin Marietta Energy Systems (MMES) for DOE. His focus will be on environmental restoration, waste management, decontamination and decommissioning, and corrective actions activities at both Paducah and Portsmouth.

Massey reports to Fran DeLozier, Environmental Restoration Director.

Taylor came to the Portsmouth plant in September 1991 as Director of Compliance and Supporting Services. He most recently served as Division Manager, Environmental Restoration.

Taylor began his career with Martin Marietta Energy Systems in 1977 as a Mechanical Systems Engineer at Paducah. After that, he served in a number of positions of increasing responsibility, including Quality Manager from 1984 to 1988. He served as

Technical Services Manager for the Atomic Vapor Laser Isotope Separation (AVLIS) Program, under joint development with Martin Marietta at Lawrence Livermore National Laboratory (LLNL), from 1988 to 1991.

Massey began his career with MMES in 1973 as an Engineer in the Paducah Plant Engineering Division. Since then, he has served in various positions, the most recent being manager of the Chemical, Utilities and Power Operations Division at Paducah. In 1990, he received a Martin Marietta Energy Systems Management Achievement Award.

Taylor received a bachelor's degree in mechanical engineering from the University of Missouri-Rolla in 1977. He is a member of the American Management Association.

He and his wife, Phyllis, have three children, Lori, Rachel, and Amanda. They live in Chillicothe.

A native of Milan, Tenn., Massey received a bachelor's degree and pursued post-graduate studies in electrical engineering from the University of Missouri-Rolla and is a graduate of the University of Tennessee Executive Development Program.

He and his wife, Becky, and their two children, Zach and Josh, live in Paducah.

potential we see for the USEC in the uranium enrichment industry worldwide. With its new structure and operational flexibility, we are confident USEC will have many more opportunities to serve customers, win new business and improve the competitive position of U.S. enrichment production in the international marketplace," said Fields. "Such success will help Congress achieve its ultimate goal when it established this enterprise, the privatization of U.S. enrichment operations," Fields noted.

MMUS will be a unit of the Martin Marietta Energy Group, one of six business groups created in the recent reorganization of Martin Marietta Corporation. The Energy Group also includes Martin Marietta Energy Systems.

All employees that worked in production and production support capacities at the plants transferred to MMUS. MMES will continue to support work related to environmental restoration and waste management at both sites. Approximately 300 Paducah and Portsmouth employees

performing environmental restoration and waste management tasks for DOE remained MMES employees. Most UE employees in Oak Ridge also transferred to MMUS; however, a few enrichment groups that will be funded by DOE remain under MMES management.

In particular, MMUS is responsible for operating and maintaining the enrichment process; for maintenance of all facilities leased by the USEC; for ensuring that work meets all applicable regulatory requirements; for providing health and safety and emergency preparedness programs; for providing engineering, business management, security, and personnel services; and for providing technical support.

MMUS and MMES will provide key interactive services to each other at the sites. Employees will be allowed to transfer between the two organizations. Job postings will be shared, and cross bidding will be allowed on job openings. Employee benefits packages should continue to be very similar for both MMES and MMUS.

MARTIN MARIETTA

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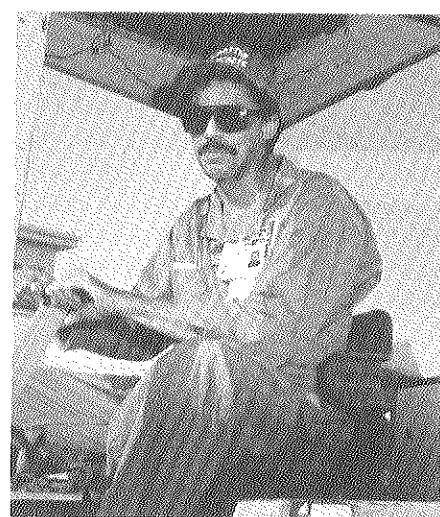
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Published monthly for Utility Services employees such as Anthony Hairston of the Roads and Grounds Department in the General Support Services Division at Portsmouth.

Efforts to improve environmental compliance

When on plantsite, do you know where to throw away a flashlight battery? A fluorescent light bulb? A used shoe cover? Would these items go in the sanitary trash, a satellite accumulation area, or a PCB storage area?

Proper disposal of these and other wastes is extremely important as our plants strive to meet the environmental and waste management regulations set by state and federal agencies.

Portsmouth employees can find out answers to these and more of their questions about environmental issues during a training workshop currently being conducted on environmental awareness. The workshop is designed to heighten the awareness of all those who take it. In addition, June was designated Environmental Compliance Month where a cooperation effort of supervision, OCAW employees, and Environmental and Waste Management employees took place to make sure all areas of the plant were free of non-compliances.

At Paducah, recent efforts aimed at keeping the plant in compliance have included developing "Fact Sheets" issued to line managers for quick reference when disposing of hazardous waste and beginning a pilot waste storage project based on suggestions from a Total Quality Management Noncompliance Committee made up of salaried and hourly employees.

Why all the activity? An internal environmental audit in May identified 24 non-compliances at the Portsmouth plant. This amount was unacceptable in the plant's goal to achieve zero non-compliances. Many of these non-compliances were attributed to a lack of knowledge on where to deposit different wastes as well as to unkempt housekeeping practices and a lack of ownership.

At Paducah, tracking has shown a dramatic decrease in the number of non-compliances, but there is still room for improvement. "While we are not experiencing the serious violations we once did, we still have some work ahead to eliminate non-compliances that result from carelessness," said Gail Giltner, Deputy Manager, Environment and Waste Management Division. "Bulbs and batteries in the trash, lids off drums, problems with labeling, and things like that are what people can really help us with."

During Environmental Compliance Month at Portsmouth, employees worked weekends and evenings to improve housekeeping and to search out environmental non-compliances and rectify them.

What is an environmental non-compliance? It is any activity that does not comply with requirements of federal and state environmental laws and regulations. For instance, if an aerosol can is found in the sanitary trash, that is a non-compliance since all aerosol cans must go in a satellite accumulation area. Unmarked drums are another example of an environmental non-compliance.

Employees during Environmental Compliance Month were instructed to look for those non-compliances and other potential ones such as light bulbs, solvent rags, batteries, circuit boards, empty drums, partially full drums, paint cans, unknown chemicals or old chemicals not being used, and open unmarked buckets of liquids. These all could be hazardous materials in need of proper disposal.

In addition, employees attempted to check all storage closets, cabinets, and rooms for hazardous materials and housekeeping. They also worked to check all dumpsters and trash receptacles to ensure that materials were being

properly disposed. They also were scheduled to check infrequently used areas for hazardous waste and housekeeping. They picked up all wood, cardboard, and scrap metal in the various work areas and took them to the area collection location.

As part of Environmental Compliance Month, vehicle cleanout stations were also set up at Portsmouth on June 18 and 25 to help plant personnel properly dispose of materials that needed to be cleaned out of their vehicles. This mandatory inspection was developed to ensure that all plant vehicles were free of trash.

Paducah held Environmental Compliance Month in February, and since then has continued to keep people focused on the need to eliminate violations. In April, the plant formally adopted a five-element compliance model developed from lessons learned and successes at the Y-12 Plant in Oak Ridge. They include use of a common checklist for use during weekly inspection of waste storage areas; exploring new ways to reduce the likelihood of non-compliances; training; assigning environmental contacts for each division; and a clear commitment by management to reaching zero non-compliances.

Most of these elements were already in place. Inspection checklists have been used regularly for more than a year and their use is incorporated into procedures. The Pilot Program for waste storage sets up an innovative system for collecting and storing hazardous waste in the C-720 maintenance areas. The project has so far eliminated non-compliances in what had been a mistake-prone area. Plans call for the concept to spread to other parts of the plant.

All PGDP employees have received Waste Generator Training and it is included in new employee orientation training. A refresher course will be offered in October, and all available employees will attend that as well. Information about non-compliances has also been included in the front-line supervisor training curriculum. Environmental contacts are in place in each division. They will help make sure everyone has the environmental and waste management information they need, and will route waste management "lessons learned." Each division manager at Paducah has made a commitment to reduce the number of non-compliances in their division by 50 percent from the 1992 total.

The environmental awareness workshop helped to enforce the importance of Environmental Compliance Month. The

workshop is an effort to talk to all employees onsite to help make them aware of environmental problems and what they can do to help. This training began on May 26 and will continue through the summer.

Ken Tomko, a Program Manager in the Environmental and Waste Management Division, helped to develop the training module for the environmental awareness workshop. He is hoping that if employees become more environmentally aware, the plant will be able to decrease and possibly eliminate environmental non-compliances. "The goal is to reduce non-compliances — not live with them," Tomko said.

Once plant personnel were informed that the training was available, employees responded well in signing up for the voluntary course. Instructors go out into the field to teach the two-hour workshop, and so far employees have been asking a lot of good questions and have been providing instructors with good responses.

At one point during the workshop, 20 items are placed on a table and employees are asked to identify how each should be disposed. Employees are not graded on their answers as the exercise is intended only to make them aware of how to sort such items.

The course focuses on why we must work together to reach environmental compliance:

- It helps the plant to be environmentally correct.
 - The law requires it — fines and prison time can be imposed upon violators.
 - It is good housekeeping practice. Tomko was told by an auditor that in order to find a non-compliance, all he had to do was walk over to the "biggest mess." Tomko emphasized that if no messes are left, this can help to reduce non-compliances.
 - It emphasizes the importance of using checklists to remind employees what the laws are and to keep a self-check on how they are doing.
 - It provides employees with job security.
- "If we work together to keep this plant in compliance with the laws, we are helping to keep operating," Tomko said. He added that the help of all employees is needed to stay in compliance.

For answers to any questions about waste management, contact the Field Service Specialist or Environmental Contact for your work area. (See tables.) Portsmouth employees who want to schedule themselves for environmental awareness training should contact Melanie White at extension 3774.

Portsmouth Field Service Specialists

NAME	BUILDING	PHONE	PAGER
Arlie Adams	X-700 Converter, X-746 X-720, X-750, Whse 9	2319	947-6052
Barb Baker	X-7725	3834	947-8559
Tom Sullivan	X-326	6123	947-6056
Dave Marhoover	Utilities, Fire Dept., Police Dept., X-770, and Administrative Depts.	6189	947-8519
Brian Eckhart	X-330	3251	947-6055
Sandy Pollard	X-700 Cleaning Side and X-705	2024	947-8556
Ralph Strickland	X-342, X-343, X-344, and X-345	5266	947-6095
Vickie Glenn	X-333	3311	947-6096
Steve Wamsley	X-710 and X-760	5349	947-6058
Jim Tomlin	ER and Construction	2406	947-6057

Paducah Environmental Contacts

NAME	AREA	PHONE
Melissa Charland (Coordinator)	Environmental and Waste Management	6699
Shirley Lanier	Business Management	6408
Ray Boren	Cascade Operations	6225
Ken Hollowell	Chemical, Utilities and Power	6428
Chester Woods	General Plant Support	6040
Debra Green	Human Resources	6357
Danny Jackson	Management Systems and Compliance	6769
Ronnie Hoskins	Safety and Health	6585
Jerry Mizell	Safeguards, Security and Emergency Services	6249
Terry Amis	Technical Operations	6439
Robert Thompson	Technical Services	6415



Employees of Portsmouth's Environmental and Waste Management Division work at a vehicle cleanout station during Environmental Compliance Month. Shown are Cathy Forshey, Sandy Pollard, Kathy Easter and Vickie Glenn.

Employees receive Martin Marietta awards

The ninth annual Energy Systems Awards Night was conducted on Friday evening, May 28, at the Hyatt in Knoxville. This program is designed to recognize and promote excellence by selecting and honoring, either individually or in teams, employees who have made significant contributions in support of the Martin Marietta Energy Systems Mission and Values.

There are four award categories for which employees may be considered: the Management Achievement Award, the Operations and Support Award, the Technical Achievement Award, and the Community Service Award.

Management Achievement Award

This award honors those with exemplary performance in the leadership, planning, organization, and staffing functions of management. Winners are honored for dealing effectively with resource limitations and other constraints, meeting or exceeding schedules, attaining mission goals, training and motivating people, and demonstrating support for Energy Systems Values.

Portsmouth winners of the Management Achievement Award included **Michael Kane** (Waste Management Operations) for exemplary performance in developing a Waste Management Strategic Plan, which is now used as a model at other DOE sites; **John McCormick** (Utilities Operations) for outstanding leadership, technical expertise, and team building during the creation of Portsmouth's Procedure Department; **James Morgan** (Cascade Operations) for exceptional leadership in the Maintenance Division; and **Dan Stout** (HEU Cascade) for creativity, tenacity, and team building in the design and development of Portsmouth's Operational Drill Team.

Paducah winners of the Management Achievement Award included **Gail Giltner** for his outstanding leadership that resulted in significant improvement of the PGDP environmental compliance program.

Steve Penrod, Safety and Health Division Manager, was presented the Management Achievement Award for his exceptional leadership in developing a well-organized, technically self-sufficient radiation protection program at Paducah.

Pat Wooldridge, Technical Services Division Manager, was presented the Management Achievement Award for her efforts in maintaining both quality and quantity of work and for her division's reaching 30 years without a lost workday case.

The Management Achievement Award was also presented to a team made up of Team Leader **George Gregory** (Conduct of Facilities/Operations Manager), **Sharman Booker**, **Sheila McLeod** and **Sandy Walker** (Organizational Development Group); **Tommy Barron** (Safety and Health); **Randy Cothron** (Material Services); **Terry Sorrell** (Procedures System Management) and **Joe Hyde** (Independent Assessments); and **Len Valentine** (Chemical, Utilities and Power Administration). They were recognized for their work in development and implementation of the Supervisor Certification Program, which provides support and coaching to supervisors at the front-line level.

Operations and Support Award

Four teams and one individual at Ports-

mouth were honored with the Operations and Support Award. This award honors those who provide exceptional administrative, technical, or operational services in support of the missions and programs of Energy Systems.

The following Portsmouth employees received this award for superior teamwork to upgrade 244,000 square feet of existing facilities to state-approved RCRA storage, recognized as the premiere waste storage facility in the State of Ohio: Team Leader **Frank Bullock** (Project Management); **Bob Barnett**, **Ron Brown**, and **Joe Huggins** (Central Engineering at K-25); **Dale Bauer** and **Donald Rhoads** (Purchasing); **Jim Boyce** (Fire Services); **Toni Brooks** (Environmental and Waste Management Technical Support); **Roy Depue** and **Ralph Preble** (Construction Engineering); **Sandy Fout** (Technical Operations); **Jeff Hedges** (Chemical, Utilities, and Power Operations); **John Klewicki** (Project Planning & NEPA); **Robert Mollette** (Chemical Engineering); and **George Shoemaker** (Project Management).

Gary Coriell (Waste Management Operations) served as Leader for another team that received this award for exceptional support in relocating 1,439 boxes and more than 3,000 drums of hazardous waste to the Waste Storage Facility (X-7725 Building). Other members included **Richard H. Adams**, **Joseph Howard**, **Mark Jones**, **Gary Moore** and **Tony Timmons** (Decontamination Services); **Charles Bearhs** and **Walt Miller** (Waste Management Operations); and **Roger Grooms**, **Joe Hawes**, and **Dave Horner** (HEU Cascade Chemical Operations).

Team Leader **Jack Crawford** (HEU Program Management) and his team members were honored for distinguished efforts in accomplishing the first phase of Highly Enriched Uranium Suspension in slightly more than one year. They included **Doug Arnett** (Purchasing), **Doug Fogel** (Project Management), **Mark Hasty** (Safety Analysis), **Robert**



Plant Manager **Ralph Donnelly** poses with this team of Portsmouth employees that won an Operations and Support Award for the upgrading of the X-7725 for RCRA Storage. Kneeling are **Robert Mollette**, **Don Rhoads** and **Dale Bauer**. Standing are **Sandy Fout**, **Jim Boyce**, **Jeff Hedges**, Team Leader **Frank Bullock**, **Toni Brooks**, **George Shoemaker** and **Donnelly**. Not pictured are **Bob Barnett**, **Ron Brown**, **Joe Huggins**, **Roy Depue**, **Ralph Preble**, and **John Klewicki**.

Lykowski (GPS Engineering & Technical Programs), **Michael Milam** (Cascade Operations Engineering and Technical Support), **Dave Netzer** (Diffusion Technology), **James Normand** (Management Systems and Compliance Administrative), and **Bill Reep** and **Emery Smith** (Security).

Paul Keels (Materials) won this award for his exceptional attitude and personal efforts, supporting improved plant services and division and department goals.

The award was also given to Team Leader **Lisa Morris** (General Plant Support) and her team members for exceptional effort in developing and coordinating the procedures for the Highly Enriched Uranium Suspension Project. Members included **Mitch Helms** (Decontamination Services); **Joseph Kuhner**, **David Lambermont**, **Susan Rumfield** and **Randy Spradlin** (Procedures); and **Joyce Netter** (Cascade Division Services).



The Management Achievement Award was presented to a Paducah team made up of (seated) **Sharman Booker**, **Sheila McLeod**, Team Leader **George Gregory**, (standing) **Len Valentine**, **Joe Hyde** and **Randy Cothron**. Not pictured are **Terry Sorrell**, **Sandy Walker** and **Tommy Barron**. This group was recognized for its work with the Supervisor Certification Program.

At Paducah, **Danny Croft** (CUP Maintenance Support) received the Operations and Support Award for demonstrating outstanding commitment to "Conduct of" philosophy, including doing the job right the first time, showing concern for costs, and providing good customer service.

Sharon Ledbetter (Employment) received the Operations and Support Award for providing exceptional support to Uranium Enrichment in employment and staffing.

Ron "Spike" Stevens (Waste Management Operations) was presented the Operations and Support Award for his major contributions toward bringing the Paducah plant into compliance with DOE, federal, and state waste management regulations.

Bill Switzer (Central Control) was recognized with the Operations and Support Award for his long-term, dedicated service to PGDP and for exceptional work in developing and implementing the Cascade Operations Drill Program.

The Operations and Support Award was also presented to a team made up of Team Leader **Dennis Gray** (Fabrication Shop), **Keith Hoyer** (Special Equipment Shop), **Weldon Stokes** (Plant Services) and **Bud Waltmon** (Special Equipment Shop), **Larry Brantley** (Industrial Hygiene), **James Jarvis** and **John O'Connell** (Health Physics), **Gary Hall** (C-10 and C-315 Operations), **Justin Henderson** and **Glen McQuigg** (Cascade Maintenance), **Alphonse Rainer** (C-360 Operations), **Chris Shockley** (Operations Engineering), and **Craig Levesque** (Chemical Processing). This team was recognized for noteworthy development of methods for controlling radiological contamination at the source.

Technical Achievement Award

This award recognizes the excellence of employee contributions of a technical nature to the activities of Energy Systems. The contribution may be from research, development, engineering, publication, or invention.

This award was given to the following Portsmouth employees for significant contributions in support of the suspension of highly



This Portsmouth team won an Operations and Support Award for their work on HEU Suspension. Kneeling are Emery Smith and Bill Reep. Standing are Doug Arnett, Doug Fogel, Team Leader Jack Crawford, Mark Hasty and Robert Lykowski with Plant Manager Ralph Donnelly. Not Pictured are Michael Milam, Dave Netzer and James Normand.



This Paducah team was recognized with an Operations and Support Award for noteworthy development of methods for controlling radiological contamination at the source. Team members include (seated) Craig Levesque, J.D. Henderson, Keith Hoyer, Chris Shockley, Glen McQuigg, (standing) Team Leader Dennis Gray, Bud Walmon, Weldon Stokes, Larry Brantley and John O'Connell. Not pictured are James Jarvis, Gary Hall and Alphonse "Butch" Rainer.

enriched uranium and continued production of low enriched uranium: Team Leader **Richard Shelton**, **Robert Konanz**, and **Russell Riddle** (Process Systems Technology); **Barry Carlson** and **Paul Simpson** (Enrichment Planning and Analysis); **Robert Kefgen** (Applied Nuclear Technology); **Danny Powell** (Technical Analysis & Operations-Oak Ridge); and **Robert Warren** (Diffusion Technology).

Community Service Award

This award recognizes outstanding and noteworthy performance by employees engaged in voluntary activities that provide significant benefit to the community.

Portsmouth's **Tony Dryden** (X-340 Complex Maintenance) received this award for outstanding service to the Massieville residents who lost their homes and loved ones during the July 26 (1992) flash flood.

Paducah's **Ernie Johnson** (C-331 Operations) received the Community Service Award for making significant, sustained and positive contributions to the community through his service to the Boy Scouts of America.

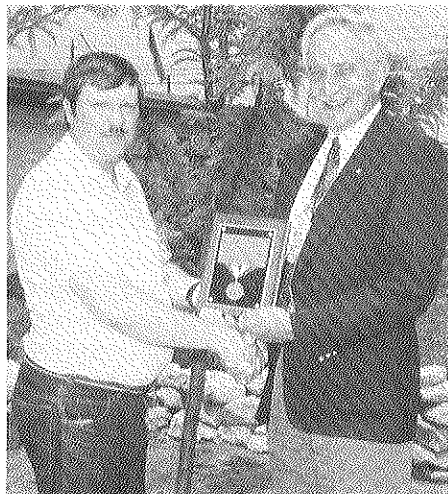
Award recipients at Portsmouth were honored at a special luncheon on June 14 in the X-102 Cafeteria. Paducah recipients were honored at a special luncheon on June 24 at the Country Club of Paducah.



This Portsmouth team won an Operations and Support Award for their procedure work on the HEU Suspension Project. They are Joe Kuhner, Randy Spradlin, Mitch Helms, Team Leader Lisa Morris, Joyce Netter and Susan Runfield with Plant Manager Ralph Donnelly. David Lambermont is not pictured.

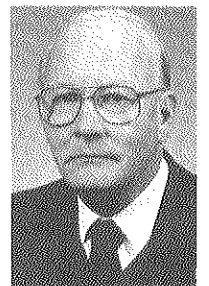


This Portsmouth team received a Technical Achievement Award for their contributions to the HEU Suspension Project. Kneeling are Robert Konanz and Paul Simpson. Standing are Russell Riddle, Robert Kefgen, Robert Warren, Team Leader Richard Shelton and Barry Carlson with Plant Manager Ralph Donnelly. Danny Powell is not pictured.



Plant Manager Ralph Donnelly presents Tony Dryden with the Community Service Award for his efforts during the Massieville flood.

Lyon certified by MROCC



Lyon

Dr. Walter Lyon, Medical Director at Portsmouth, was recently certified by the Medical Review Officer Certification Council

(MROCC) to evaluate drug and alcohol tests conducted in public and private sectors of the workplace. In order to become certified, he was required to undergo an extensive application process and examination.

The MROCC examination is endorsed by the American College of Occupational and Environmental Medicine.

Dr. Lyon began his term as Medical Director at Portsmouth in November 1989. He previously accrued more than 22 years of experience in occupational medicine at Proctor & Gamble in Cincinnati.

Dr. Lyon graduated from The Ohio State University in 1958 with a bachelor of science degree in physiology. In 1961, he graduated from The Ohio State University College of Medicine. He subsequently received a master of science degree in occupational medicine from Ohio State in 1965.

He is a member of the Ohio State Medical Association, the American College of Occupational and Environmental Medicine, and the Western Ohio Occupational Medicine Association.

Dr. Lyon lives in Lucasville with his wife, Shirley. He has three children.

Committees work to improve plant safety

One of the best ways to improve the safety and health of employees is to have them involved. At Portsmouth, the Joint Safety Committee is dedicated to employee involvement and participation in its safety and health programs. This committee is made up of senior management and union officials who share the common goal of enhanced employee safety.

On May 5, Secretary of Energy Hazel O'Leary announced a comprehensive nuclear and occupational safety initiative which stipulated that all DOE sites must establish Employee-Management Safety and Health Committees. O'Leary acknowledged at the time that some of the contractors had already begun various forms of these safety committees and hailed them as a "hallmark of progressive worker safety programs across the country."

In addition, Occupational Safety and Health Administration (OSHA) reform legislation is pending in Congress which, if passed, may mandate that such committees be formed at all sites under OSHA jurisdiction.

Portsmouth came under OSHA jurisdiction on July 1.

Portsmouth is already in compliance with both the DOE initiative and the pending legislation. Since the fall of 1992, Portsmouth has formed 13 area safety committees and 11 specialized subcommittees which work under the Joint Safety Committee.

Actually, Portsmouth's first area safety committee was formed in the early 1980s to assist with safety issues in the X-326 Building, according to Gerold Wilkin, ES&H Representative for OCAW Local 3-689 and co-chair of the Joint Safety Committee.

"It was very successful in contamination control in the X-326 Building," he said.

The area safety committees formed last fall were modeled after the X-326 committee, said Bill Strunk, Division Manager, Safety and Health, who also serves as co-chair of the Joint Safety Committee.

The area safety committees were formed to recognize and correct hazards in the workers' areas. Each committee includes employees from both hourly and salary ranks as they work in a partnership to identify problems and develop solutions.

"We wanted to give ownership of the condition to workers in that area," said Wilkin.

Area safety committee members attempt to meet periodically to identify problems and to discuss solutions. The specialized subcommittees were developed to help the area safety committees deal with specific problems

such as confined space, lockout/tagout, and contamination control.

Each committee and subcommittee has a charter and is required to keep meeting minutes.

"A lot of people are seeing the benefits," Wilkin said. "They are working on things continuously. I feel good about its potential."

Strunk stressed that the program is "a truly cooperative effort that shows we can all work together if we put our minds to it," he said.

Working together is even more important now than ever before. Since the United States Enrichment Corporation (USEC) took over on July 1, the plant officially must follow OSHA regulations, and it continues to be regulated by DOE as well. As a result, the plant is now subject to fines and penalties under the law.

Fortunately, many employees have received ample training on what the laws are. In October 1992, DOE consultants came to plantsite to teach a course on OSHA regulations to workers and management. In November 1992 and again in April of this year, DOE consultants taught 80 employees — both hourly and salary — a 72-hour course on occupational safety and compliance (P101). This OSHA-certified course teaches employees how to conduct inhouse inspections. In addition, each employee who completed this training received a copy of the Code of Federal Regulations (29 CFR 1910 and 1926) to keep in his or her work area.

At press time, almost 600 employees on plantsite had completed a course on hazard control. So far, the different modules of this course have been geared only toward supervisors and hourly employees. However, in the future, all employees will have an opportunity to take a course on this topic.

The new regulatory environment should provide more opportunities for employee participation and other enhancements in the safety and health program. Employees do not have to sit on any of the committees to voice their ideas about safety issues. They may offer suggestions or identify problems by talking with their area safety committee members or by using Form #A-2010, "Safety and Health Suggestion/Complaint." Employees submit these forms to their supervision, and a copy is forwarded to the Industrial Safety Department. This department hopes to develop a database in the future that will identify common problems.

Both Strunk and Wilkin encourage everyone at Portsmouth to become a participant in the safety and health programs.



Haden Davis (Mechanical Field Maintenance) accepts a Johnson & Johnson First Aid Kit from Jayne Crabtree of Industrial Safety during that department's Safety Awareness Campaign. The campaign ran from June 21 to July 2 in the X-102 Cafeteria. It focused on how employees can protect their backs. Employees who visited the exhibits were given a free first aid kit. All the displays that were exhibited during the campaign were made by personnel from Graphic Arts, the Carpenter Shop, the Sign Shop and the Paint Shop. A special ceremony was conducted on the morning that the campaign began to honor area safety committee members.

X-700/705 committee proves to be successful

The area safety committees are working very well, said Bill Strunk, Division Manager, Safety and Health. He especially noted the successes of the X-700/705 committee. "They have gone the extra mile," he stated.

Since December 1992, this committee has achieved some major goals. They took a proactive stance on backflow prevention in the potable water system. With the support of Jeff Hedges, Division Manager, Chemical, Utilities and Power Operations, and E.V. Clarke, Jr., Department Manager, Chemical Operations, they were able to expedite the purchase of backflow prevention devices. When a plant bulletin was distributed to all employees in May discussing the need of such devices under certain circumstances, the X-705 facility already had backflow devices in place.

The hourly workers in the X-705 expressed a concern about working in the South Elevator Pit. At the time, this area was classified as an enclosed space that could easily become a confined space depending on the condition of the area and the scope of the work to be performed. Workers were concerned about whether or not they could be rescued if they sustained an injury while working in this area.

Through the area safety committee, hourly employees and their supervisors developed a checklist for workers preparing to work in this area so they would know the requirements that needed to be met prior

to entering this space. In addition, the committee developed a drill scenario in which a rescue would be required from this area. Committee members invited representatives from Security, Nuclear Materials Control and Accountability, Health Physics, the Fire Department, the Operations Drill Team, and the Information Support Group to assist in the coordination of the drill. The drill was successfully completed with the help of these groups on March 31. As a result, workers are now much more confident that they can be retrieved from this area if an accident should happen to occur.

The committee recently arranged for a trial period that allows employees in the X-705 Building to enter the secured area without lab coats over their coveralls. This has been a heat stress concern in past years in a building with no air conditioning and no floor fans. If no clothing contamination problems occur, this could become a common practice, making working conditions more favorable for the employees in that building.

Chuck Witt and Ron Crabtree respectively serve as the hourly and salary co-chairs of this committee. Other members include Herman Potter, John Oppy, Rich Miller, Vancil Reed, Bret Collier, Jeff Woodard, Bob Odell, and John Slater.

(EDITORS' NOTE: Information about the Contamination Containment subcommittee appeared in the June issue of "Energy Systems at Portsmouth.")

New Arrivals

Portsmouth

Daughter, Nile Chea, June 13, to April King, who works in the Purchasing Department.
Son, Michael Roy, June 14, to Roy and Sharon Depue. Roy works in Construction Engineering.

Paducah

Daughter, Rebecca Lynn, January 27, to Jeff and Tonja Fletcher. Jeff works in the Environmental and Waste Management Division.
Son, Wesley Harrison, April 16, to John and Tammy Morgan. John works in the Environmental Restoration Division.
Daughter, Jacqueline Thresea, April 27, to Bill and Rose Elder. Bill works in the Technical Operations Division.
Son, Jarrett Austin, May 18, to Shane and Dee Lynne Rice. Shane works in the Safety and Health Division.

Paducah upgrades Emergency Operations Center

Renovations recently completed in the Emergency Operations Center (EOC) are part of a 10-year plan to improve Paducah's emergency response capability.

"Our plan has evolved and matured since its conception, in response to changes in crisis management procedures and to incorporate state-of-the-art equipment," said Ray Wright, Emergency Preparedness Manager.

This latest project included expanding the space allotted to the EOC; creating separate areas for decision-makers, technical support and logistical support; improvements in the communication system; and installation of a major ventilation safety system.

"Before the renovations, our EOC was

congested, crowded and noisy," Wright explained. "Now we have people assigned to one of three separate areas, cutting down on the confusion. We also added carpeting and wall coverings designed to absorb sound, leading to a quieter work environment."

The new EOC was fully tested during the plant's annual multi-agency exercise on May 26. The response from EOC cadre members was positive. "There were a number of improvements," said Brenda Lichtenberg, the EOC communicator. "Everything was much quieter, the traffic flow was better, and the segregation of activities seemed to make things work more smoothly."

The construction work took about six months and cost approximately \$700,000. Wright said the most costly part was purchasing and installing a positive pressure ventilation system for the entire Central Control facility. This system, thought to be the first of its kind at a Department of Energy site, will protect the health of people working in the building in the event of outside air contamination. This ventilation system helps guarantee that crisis management and emergency response operations will continue uninterrupted should air contamination force evacuation of other facilities.

Paducah's Emergency Management Department includes Wright, three Senior Emergency Management Analysts and secretarial support. The department was created in 1988. Prior to that, Emergency Management was assigned to the Plant Shift Superintendent's group.

EOC activated

Twenty local, state, federal and corporate organizations and more than 300 people took part in Paducah's annual multi-agency emergency management exercise on May 26. The scenario required activation of the plant's recently remodeled Emergency Operations Center, the on-scene incident command system, the joint information center, a medical triage and the off-site field monitoring team. Observers included representatives of the Nuclear Regulatory Commission's headquarters and Region III offices. Here, Ron Taylor, Power Operations Department Manager, and Chris Mason, Chemical, Utility and Power Operations Division Deputy Manager, plan their emergency response strategy in the Emergency Operations Center.



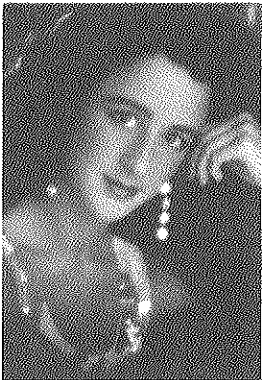
Promotions



Pahl

Linda Pahl has been promoted to Supervisor of Stores in the Material Services Department at Paducah. She reports to Randy Cothron, Department Head.

Students win MMC scholarships



Goforth

The Paducah and Portsmouth winners of Martin Marietta Corporation scholarships were announced in June.

Melanie D. Goforth, a 1993 graduate of Heath High School, is the daughter of James Goforth (Plant Engineering) and Dee Goforth (Production Support Information Services), Paducah. She plans to attend Washington University in St. Louis this fall. She plans a course of study focused on chemical engineering.

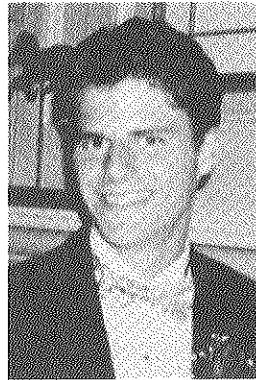
In addition to the Martin Marietta scholarship, Goforth has also received the Jack Carrol Scholarship, a scholarship from Washington University, and is a Governor's scholar.

During high school, Goforth received a Distinguished Award based on Kentucky Education Reform Act testing, and was a National Merit Finalist. Goforth was also vice president of the National Honor Society.

Eric Days, a 1993 graduate of Cline Oak High School in Spring, Tex., is also a winner. He is the son of Douglas Days (Power Shift Operations), Portsmouth.

Days has received high honors in courses such as algebra, physics, and calculus. He has been active in the French Club for three years and has been a member of the Academic Decathlon. His sports interests include memberships on the basketball and rugby teams. He has also attended the Center for International Studies.

The Martin Marietta Corporation Foundation administers the annual scholarship program for sons and daughters of the employees of the Corporation. The Corporation annually awards 50 scholarships to winners who are eligible for up to \$3,000 per year for four years, provided they maintain appropriate academic status at an accredited college.



Days

Paducah is hit by fierce storm

Just before lunch on June 4, a wall of dark clouds engulfed the Paducah Plant. They brought with them driving rain, hail, lightning and fierce, damaging winds. Within minutes, the plant began to see the effects of what has been called the area's worst storm in decades.

Plant Shift Superintendent Bill Kelly activated the Emergency Operations Center, and the plant was placed on "Alert" status. The EOC cadre gathered quickly and began to coordinate the response activities. Employees were asked to remain indoors, and a plant accountability was conducted.

When the alert was downgraded an hour later, damage assessments began. It was soon learned that no employees were injured during the storm, and production was not affected. Engineering and maintenance teams were out surveying the damage as soon as the storm had passed.

Technical Operations Division Manager Dick Veazey said the major damage was to three cooling towers "whose fan shrouds were torn away." These were among eight cooling towers at the plant known as "CUP" towers because they were installed during the Cascade Upgrade Program in the mid to late 1970s.

A fixed-price sub-contract to replace the fan shrouds on these towers is already in effect, Veazey said, and all but the three damaged towers have new shrouds. Only one of the towers, C-637, was in service at the time of the storm, Veazey said. This tower was the last one scheduled for renovation. The replacement parts were already on site, and it was renovated and returned to service in 10 days. The other two towers are being repaired according to schedule, Veazey said.

"The storm pointed out what we already knew, that it was time to replace these stacks," Veazey said. "They had gone beyond their useful life span."

Other damage included destruction of an equipment access door on one of the four process buildings. This door, one of nine in the building, has been boarded up temporarily, and repairs are planned. A small section of siding was blown off the C-310 product withdrawal building. That area was boarded

up immediately after the storm, and repairs are planned there as well.

Two street light poles were blown over on the east side of the plant and fell onto the security fence. The street lighting electrical circuit was broken, causing loss of power to some trailers on site and to the meteorological tower. Power was returned that same day. Security was posted at the perimeter fence for two days until the fence was completely repaired. Bits of paper, leaves, twigs and other miscellaneous debris scattered the site. Cost of the damage is estimated to be about \$175,000.

Ray Wright, Emergency Preparedness Manager, said the plant was given high marks by the Department of Energy for its response.

New Employees

Portsmouth

June 14

Joseph L. Small, Environmental Restoration.
Timothy T. Curtis, Squadron and Co-ops.

June 21

Douglas E. Collins, Ryan W. McCall, Christopher D. Norman, Rachel K. Powell, Tracee D. Ball, Krystyn R. Bussa, Kenya D. Lowe, Jason A. Clark, Byron L. Greene, Michael A. Dickerson, and Douglas A. Bowdle, Squadron and Co-ops.

Bonnie J. Taylor, ER Technology Integration.
Delbert L. Gilliam, Plant Services.
Karen G. Fallen, GPS Services.

June 28

Tina M. Burleigh, Computing Operations.

Paducah

May 10

Eric Hofer, Materials and Equipment Technology.

Steve Wachtel, Nuclear Safety.

May 24

Carol Baltimore, Plant Training.

Carl Hardie, Analytical Laboratory.

Ronald "Sonny" Summers, Environmental Compliance.

June 7

Fraser Johnstone, Environmental Restoration.

Robert Smith, Electrical Shop.

Obituaries

Allie Branham, 62, Paducah, April 28. Branham was actively employed as a Supervisor in the Chemical, Utilities, & Power Division at Paducah. He had worked at the Paducah plant for 17 years. He is survived by his wife, Jean.

Edgar Allen Damron, 71, Pembroke, N.C., June 7. Damron was a Production Process Operator at Portsmouth when he retired in July 1983 after 29 years of service. Survivors include his wife, Bertha.

Gail Holt, 46, Paducah, May 22, from injuries sustained in an automobile accident. Holt was actively employed as a Health Physics



Branham



Holt

Technician in the Safety and Health Division at Paducah. She had worked at the Y-12 Plant for six years before transferring to Paducah in 1991. She is survived by one son, Chris.

Richard E. McGee, 62, Waverly, May 28. He was a Sr. Inspector when he took a disability leave in December 1990 after more than 15 years of service. He is survived by his wife, Ruth.

Clara O. Payne, 87, Waverly, June 9. Clara retired in August 1970 from the Portsmouth plant as a Clerk, Sr., after more than 16 years of service. She is survived by two sisters.

Retirees



James

Earl F. James, Waverly, Emergency Preparedness Coordinator (Emergency Management), after 13 years of service at Portsmouth.

Portsmouth retirees meet for a luncheon every third Thursday of the month at the Ramada Inn in Portsmouth. Various personnel from plantsite serve as guest speakers, and a newsletter is distributed.

Service Milestones

August 1993 - Portsmouth

40 years — James I. Newman, Marvin D. Wickline, William H. Pyles and J.F. Newman.

25 years — Robert D. Scott, Betty G. Lewis, Richard L. Duffey, Iris E. Dixon, David A. Donovan and Robert L. Etling.

20 years — Clayton D. Clark, Fred Tackett, Marilyn F. Hairston, Joseph B. Halcomb and Constance Hoover.

15 years — Naomi R. Watters, Robert D. Squire and William E. Bellaw.

10 years — Donald T. Rhoads, Robert M. Litten, Barbara S. Scott, Curtis C. Chapman Jr. and Alvita E. Roberts.

5 years — David E. Norman, Maria T. Donini and Robert A. Prots.

August 1993 - Paducah

25 years — Clay Anderson, Phil Brown, Harold Ernstberger and Tommy Thompson.

20 years — Mike Hosick, Truman Richards, Fred Buckley, Julian Hamlet, David McDougal, Dan Schneider, Lyndal Thompson and Allen Burnett.

15 years — Judy Clayton, James Holm, Sheila Davis, Darlene Coffey and Norman Lawrence.

5 years — Roger Barnes, Leesa McGill, Terry Barkley, Donna Cunningham and Dwight Watson.



Paducah's Scotty Ray and Kay Copeland talk strategy while the plant's pledge is tallied for the March of Dimes WalkAmerica. Here Ray models an outfit he made especially for the walk, with the names of his sponsors embroidered in different colors.

Paducah shines in WalkAmerica

PGDP's 369 registered walkers pledged \$13,683 to lead all teams in Paducah's March of Dimes WalkAmerica.

WalkAmerica is the country's largest and most successful walking event. The funds raised go to help the March of Dimes in its Campaign for Healthier Babies. The Campaign supports research, community service, education and advocacy programs in communities all across America.

Kay Copeland (Nuclear Materials Criticality and Accountability) and Jan Keeton (Health Physics) were team co-captains. Copeland has been involved with WalkAmerica since 1990, when seven people from the plant joined the Air Products team. The next year, PGDP fielded its first official WalkAmerica team with 42 walkers who raised \$2,237. In 1992, Keeton joined Copeland as co-captain. That year the plant had 180 walkers and raised \$7,138, placing fourth among the 76 teams participating.

"This year has been our best yet," Keeton said. "We proved that teamwork is successful! To have raised the largest pledge total and put together the largest team is a great accomplishment. We really appreciate all the hard work everyone did to make this happen," Copeland said.

Scotty Ray (Electrical Shop) raised \$3,800, the largest individual pledge amount. Ray had the second highest pledge total in the entire walk. After the walk, the Paducah Plant Values Council held a "thank-you" reception for WalkAmerica Committee members.

Copeland and Keeton received the plant's Community Service Award for their leadership of the team.

Martin Marietta served as one of five corporate sponsors for the walk, which raised a total of \$91,000, well over the 1992 total of \$85,500.

"These sponsors are the people who make it possible by paying for the incentives we give out," said Barbara Watson, regional director of the March of Dimes.

Recreation Corner

PORTSMOUTH

Employee Activities Committee

Two **SOFTBALL TOURNAMENTS** have been scheduled for August 28 and 29 at Jake's Park in Waverly. There will be both a Co-Ed and a Men's Tournament. The EAC will provide the fields, sanctioned umpires, softballs, and scorekeepers. There is no entry fee. All employees and spouses are eligible to participate.

To enter a team, please submit a completed roster to MS 1118A. For additional information, contact Buck Walter, Tournament Director, at Ext. 5861, or John Gedeon, EAC Coordinator, at Ext. 3878. Any individuals wishing to play but not on a team will be placed if possible. Enter now!

The 1993 **GOLF TOURNAMENT** will be conducted on Saturday, Sept. 11, at Shawnee State Golf Course. All employees and retirees as well as their spouses are eligible to participate. Green fees and most other costs will be taken care of by the EAC. Watch for more information and dates for tee time reservations.

The 1993 **EMPLOYEE OUTING** is scheduled for Saturday, Sept. 18, at Wyandot Lake in Columbus. On that day, the park will be open **ONLY** to Martin Marietta employees, their families and guests. For a nominal cost, employees may bring an unlimited number of family members and friends. Employees are also allowed to bring their own picnic baskets. However, glass dishes are **NOT** permitted inside the park. Please use plastic containers for your covered dishes.

All employees are eligible for thousands of dollars worth of grand drawing prizes. Free bingo is available during the afternoon for employees and retirees. "Retirees Corner" is also available.

Tickets will be available on plantsite and at all locations of the Atomic Employees Credit Union. Watch future issues of **Uranium Enrichment News** for more information.

PADUCAH

Golf League

The **MARTIN MARIETTA GOLF LEAGUE** holds weekly matches throughout the summer. Six teams are competing. They are the Bunker Bandits, Wes Bass, captain; the Worm Burners, Shawn King, captain; the Seven Clubs and Ace team, Joe Trampe, captain; the Eagles, George Taylor, captain; the Bogeys, Steve Skaggs, captain; and the Birdies, Mark Shanks, captain. As of June 22, the Birdies were leading with 386 points won. The Worm Burners were in second place and Seven Clubs and an Ace were in third.

Bass Tournament

First place in the **ONE DAY BASS TOURNAMENT** Total Weight Category went to Brian Arnett (son of Frankie) and Ronnie Atherton, with a weight of 17 pounds, 6.5 ounces. Second were Doc Holladay and C.W. Cope, with a weight of 14 pounds, 1 ounce; third were George Johnson and David Hutcheson, with 13 pounds and 1.5 ounces. In the Largest Fish Category, Ronnie Atherton claimed first place with a 5 pound, 8 ounce bass. Chad Turnbow finished second, with a 4 pound, 5.5 ounce bass; and Doc Holladay was third, with a 4 pound bass. Congratulations to all the winners.

Saturday Swim Mornings

PGDP employees and their families may use the swimming pool at Noble Park free from 10:00 a.m. until noon every Saturday through July and August. The last day for the swim program is September 4.

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