

Uranium Enrichment News

Volume 1

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Number 11

Paducah plant hits 42-year production record

Paducah produced 621,000 separative work units (SWUs) in May, more than in any other month in its 42-year history. To do so, the plant reached power levels of more than 2000 megawatts (MW), the highest since 1977.

At the same time, Portsmouth continues an upward trend in cascade SWU production. Through May 1994, SWU production at Portsmouth has increased 55 percent since July 1993.

The record production is needed to fill USEC's existing contracts for enrichment services through 1995. Jeff Staley, Paducah's Production Planning Section Head, said estimates of how much product the plants need to enrich each month are based on the amount of enriched uranium USEC has already agreed to send its cus-

tomers. The increased production is aimed at filling orders due for delivery in 1995.

In 1993, Paducah produced an average

of 470,000 SWU per month. The previous production record was 605,000 SWU produced in May 1979. While Portsmouth has yet to reach its historical production record (to be featured, upon accomplishment, in an upcoming issue), the number of "000" cells on stream has increased by 35 percent,

cascade power has increased by 28 percent, and cascade efficiency has increased by 20 percent.

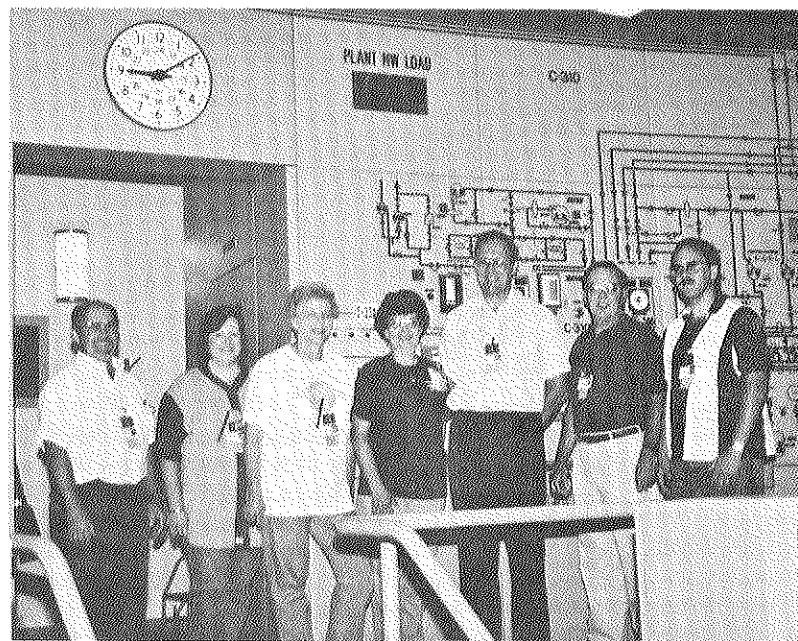
"This was a tremendous accomplishment based on teamwork and individual workers filling their roles," said Paducah Plant Manager Steve Polston. "It was an integrated effort pulling together a lot of functions and people. But, more importantly, we did this safely, protecting the workers and the public."

Almost 80 percent of Paducah's power load during the record-setting month was "nonfirm" power, lower cost electricity available from utilities when their customer demand drops.

Paducah Union Presidents applaud production

"We as the hourly workforce at PGDP take great pride in the excellence of our plant," said David Fuller, President of Oil, Chemical and Atomic Workers Union Local 3-550, which represents about 750 hourly workers. "This most recent production accomplishment is another example of this excellence. We believe that where a safe, fair, and stress-free workplace is provided, great things can happen."

Bill Brien, President of United Plant Guard Workers of America Local 111, echoed those remarks. "There's a lot of pride that the plant was able to achieve this level of production. It's been a long road to get there."



Paducah's Central Control Facility recorded the plant's 2000 megawatt power level, a goal which was accomplished four months ahead of schedule through careful planning and plantwide cooperation. Here Dave Sheehan, Power Coordinator; Sherri Morris, Cascade Operator; Barbara Klanke, Cascade Operator; Sue Hodges, Power Operator; Ron Taylor, Power Operations Department Manager; Mike Underwood, Cascade Coordinator; and Jeff Adams, Power Operator, gather beneath the Control Room's 2000 MW digital power level display.

"It took a lot of work from Maintenance, Cascade Operations, and Power and Utilities for us to reach this power level," said Ron Taylor, Power Operations Department Manager. "Everyone from Purchasing to Roads and Grounds had some role to play. It was a true plantwide effort."

The Paducah plant has been battling its way back from an incident last August that resulted in the loss of cooling water to an entire production building and its resulting shutdown. The plant's onstream cell efficiency, normally very high, dropped dramatically.

A compressor failure in December and related compressor deblades were followed by extremely cold weather and ice storms in January. During the bad weather, the plant dropped its power load from 1400 MW to 390 MW and took 16 cells offline so that power could be diverted to critical use facilities such as hospitals. The difficulties make these production and power records even more meaningful.

For the first time since the late 1970s, Paducah is operating parts of its cascade at above atmospheric pressure. The higher pressure results from adding more feed material to the cascade and using higher power levels to move it through the separation barriers, all to generate increased production. There are greater concerns under these operating conditions and more risk of unplanned releases. Careful preparation has kept incidents to a minimum as pressure has increased.

"It took a lot of work to prepare to go above atmosphere," said Mike Buckner, Deputy Division Manager for Cascade Operations. "Personnel training, safety system testing, equipment repair and procedure revisions were all required. We've been working a lot of overtime and have had good support from our maintenance people. We're also getting more support from other parts of the plant such as health physics and industrial hygiene. Safety is our number one priority in reaching power and production goals at the plant."

Taylor said the 2000 MW power level was a goal set last year. The plant had hoped to be ready to attempt it by October,

(Continued on page 3)

In situ repair project is successful

For every day that an X-33 cell is offstream at the Portsmouth plant, the cost can be as much as \$7500. Each cell in the X-333 Process Building has eight converters, each with its own cooler. When a cooler begins to leak in just one of the eight converters, the entire cell must be taken offstream.

There have been a number of cooler leaks in the X-333, requiring the entire 30-ton converters to be physically removed and taken to the Converter Shop for repair. Repair and return to the cell normally takes a minimum of six weeks, but sometimes delay is added by other converters that need repair.

Recently, Portsmouth Technical Operations personnel have been diligently and successfully working on a project where converters can be repaired in place or *in situ*. Rather than cutting the entire converter out of the system, only the Freon inlet and outlet pipes attached to a converter have to be cut to prepare for the repair.

Since January 1994, three converters

in the X-333 have received *in situ* repair. The first took seven weeks to complete, the second took two weeks, and the third took less than five days.

If these converters would have been fixed the conventional way, approximately \$1.2 million would have been lost just in production costs.

It is expected that several more coolers will be repaired *in situ* and that eventually more than \$8 million will be saved as a result, according to Jerry Bobo, Portsmouth's Department Manager, Materials and Mechanical Technology. In addition, the need for contamination control and health physics protection measures are minimized by leaving the converter in place.

When setting out to find the leak, technicians first use a video probe to investigate the interior of the cooler to see if the leak is obvious. The video probe makes *in situ* repair feasible, said Bobo. If that does not help to locate the leak, rubber plugs are placed at both

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HP improvements under way at Portsmouth



Those responsible for completing characterization of the X-1000 Building and surrounding facilities included (front) Betsy Henderson, (back from left) Nick Giasfes, Steve Howie, Phil Borris, Phil Howe, Scott Hess and Jim Crabtree. Missing is Kay Schultz.

Good things have been happening in the Health Physics arena at the Portsmouth plant. The following are examples of recent successes:

Reduction of Contaminated Areas

Many Portsmouth employees voiced concern that the team effort utilized in the X-333 Process Building to push contamination control boundaries closer to the source (which occurred in January 1994) not be a "one time" affair. Equally important, said Plant Manager Dale Allen, "it is the right way to do business."

Allen has formed a Contaminated Area Reduction committee that will be responsible for communicating lessons learned during contaminated area reduction efforts to facility safety committees as they pursue their individual facility goals. This committee will also provide a mechanism to track facilities/plant progress in contaminated area reduction and characterization. Characterization is the process of gathering radiological data. It consists of obtaining loose contamination readings, fixed contamination readings and radiation readings.

The committee will have permanent

membership consisting of Ken Whittle of Health Physics and Gregg Coons of Cascade Maintenance. In addition, Mike Gill was nominated to serve in the third position on the committee by Herman Potter Jr., co-chair of the Contamination Control Subcommittee, and was unanimously approved by the Contamination Control subcommittee's members. Each facility safety committee will have representation that will interface with this new committee.

Characterization and reduction of contaminated areas at Portsmouth has been progressing well in recent months. The Health Physics Department's Operations Support Group has been busy with characterization of several buildings. Since March, the group has characterized the X-1000 Administration Building, X-1007 Fire Department, X-112 Data Processing Building, X-1020 Emergency Operations Center, X-3000 (formerly the Electronic Maintenance Building), X-6000 Cooling Tower Pump House, X-100 Administration Building, X-101 Hospital and X-102 Cafeteria.

Members of the Operations Support Group include Supervisors Phil Borris and

Jim Crabtree, as well as HP Technicians Kay Schultz, Phil Howe, Steve Howie, Scott Hess, Betsy Henderson, and Nick Giasfes. Credit also goes to the people of these facilities for making areas accessible to be surveyed.

The ongoing characterization effort has also included characterizing roofs of facilities that are scheduled for roof replacement or maintenance, including the X-100, the X-333 Process Building, the X-326 Process Building, and the X-705 Decontamination Building.

In conjunction with characterization work being conducted by HP's Operations Support Group, Myron Bowers has completed the characterization of the Garage (X-750) with the assistance of all Garage employees. Bowers has also been working with HP Techs Kent Johnson and Bruce Wiseman to characterize the X-720 Maintenance Building. The Sheet Metal, Carpenter and Seal Shops characterization is complete. Seal Shop employees and their Supervisor, Ken Messer were instrumental in eliminating contaminated areas.

HP Techs Chris Heinz and Jim McCleery are working to characterize the X-700 Converter Shop and Cleaning Facility. To date, approximately 2500 square feet of area has been released in that building from radiological controls with another 25,000 square feet planned for release by the end of the summer.

With the help of Jerri Nelson, Weld Shop Supervisor, the X-700 has adopted several changes in order to reduce the potential spread of contamination. The most significant was a door movement area created to accept radioactive material, a project done in partnership with the Welders. The X-700 recently modified their two respirator areas (one for incoming equipment, the other for decon). With the help of Gail Twist and Sharon Franklin of Chemical Operations, these two areas were combined, resulting in a more efficient and effective area. Characterization of the sand blast area outside X-700 also resulted in freeing up an additional 4,300 square feet.

Bowers and Johnson have also worked

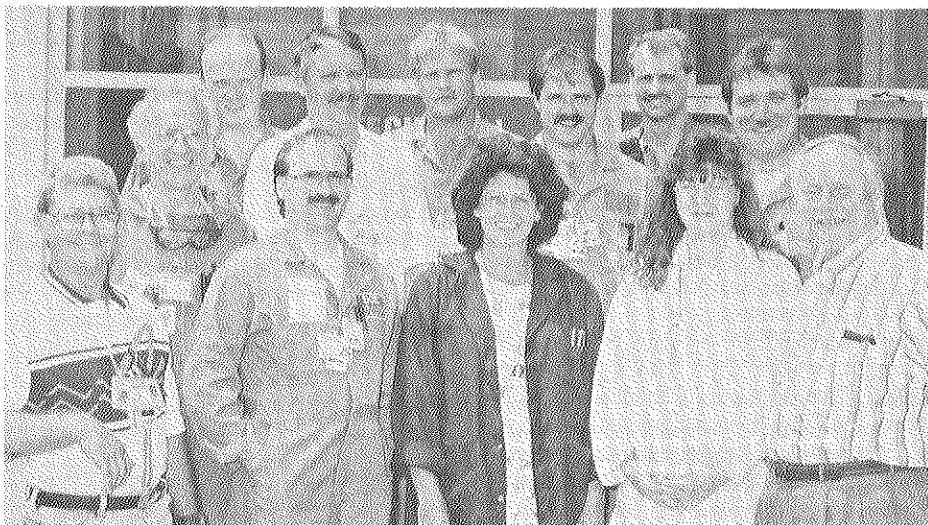
on characterization of Warehouse #15 in coordination with Steve Allen, of General Plant Support. So far, several thousand square feet have been released from radiological controls. All rigger equipment was monitored and removed from the building. Currently, plans are to restore from one half to a third of the building to a non-radiological status.

X-705 personnel have formed a committee to evaluate engineered controls that can be used to minimize both the spread or cross-contamination of non-contaminated areas.

Due to the efforts of the Laboratories, Chemical Operations, and building management, Health Physics has recently completed characterization surveys in the X-710 Building. Much of the radiologically posted area has been cleared or downgraded. Approximately 1,000 square feet of area were reduced from a "High Contamination Area" down to a "Contamination Area." In addition, 10,000 square feet of area were reduced from a "Contamination Area" to a "Contamination Control Zone". Over 4,000 square feet were released from radiological controls altogether.

These changes were made possible by decontamination as well as improved work practices. The X-710 Contamination Control Committee helped to focus efforts and establish priorities. Members of this committee represent the Laboratories, Maintenance, building management and Health Physics. Led by Wayne Cook, who has coordinated the committee's efforts since it began, the committee has solved many of the problems encountered while these area reductions were in progress, and it continues to identify problems and suggest methods to improve. A few individuals worth noting for their extra efforts in improving the X-710's radiological status include: Cook, who acquired needed materials and coordinated efforts; Jim Anzelmo, who ensured the resources were available to accomplish the characterization; and Bill Potters, Jim McCleery, and Andy Gerlach who worked closely with the Laboratories

(Continued on page 3)



Those responsible for the characterization in the X-710 include (front from left) Keith Banks, David Manuta, Debbie Ball, Katrina Downing, Jim Armstrong, (back) Wayne Cook, Rob Stone, John Hobensack, Andrew Gerlach, Larry Raque, Bill Potters and Jim McCleery. Missing from this photo are D.L. Adkins, Jason Atkins, Dave Netzer, Mike Orlett, Dan Sainopoulos, Dick Sparks and Debra Sullivan.

USEC

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Uranium Enrichment News

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Published monthly for Utility Services employees such as Phil Howe of the Health Physics Department of Portsmouth's Safety and Health Division.

HP improvements

(Continued from page 2)

to establish adequate protection and reasonable working conditions. Potters and McCleery also performed nearly all characterization surveys.

The entire X-760 Building was previously a "Contamination Area." However, following characterization of the building, 4300 square feet of area were released from radiological controls, leaving only a few hundred square feet to still be posted as a "Contamination Area" due to the type of work that is performed there. Support and cooperation from Chuck Lux and Keith Banks allowed this characterization to be completed in a timely manner.



Those responsible for the characterization of Portsmouth's Weld Shop include (kneeling from left) Steve Lummer, Terry Ratliff, Jim McCleery, Herman Potter, Kenny Johnson, (second row) Gail Twist, Tyrone Adams, Kent Johnson, Ron Phipps, Bob Graff, Chris Heinz, (back) Don Boggs, Mona Washington, A.J. George, Bruce Wiseman, Ken Messer, Steve Davis, Ron Boggs, Sandy Pollard and Joe Keel.



Those responsible for characterization of Portsmouth's Seal Shop included (front from left) Bruce Wiseman, Bob Sowards, (back) Ken Messer, Ken Burkitt, D.P. Newkirk Sr. and Robert Ridge.

New Arrivals

Portsmouth

Daughter, Devin Michelle, April 28, to Randy and Aimee Pratt. Randy works in the Police Department.

Son, Alexander Jason, May 25, to Jason and Christy Bolling. Jason works in the Feed Vaporization and Fluorine Generation Department.

Daughter, Andrea Marie, May 22, to Michael and Jennifer Edelmenn. Michael works in Instrument and Computer Engineering. Grandfather Fred Edelmenn works in Technical Support.

Son, Eric Nicholas, May 23, to Bruce and Anita Manninen. Bruce works in Health Physics.

Savings Bond Interest Rates

The semiannual market-based interest rate for Series EE Bonds issued between May 1 and October 31, 1994, is 4.70 percent for their initial semiannual interest period. The current minimum rate is 4 percent for Bonds purchased on or after March 1, 1993, regardless of how long they are held, up to original maturity, a term of 18 years.

The semiannual rate changes each May and November, based on market averages during the preceding six months.

Paducah record production

(Continued from page 1)

but instead found itself ready to move when mild spring weather made affordable power readily available late in May.

"Our power suppliers worked extremely well with us," Taylor said. He explained that the new power contract negotiated this year with TVA was important in reaching this milestone. "The power supply lines that feed the plant from the north are almost fully loaded. We would have been hard pressed to bring in sufficient power there to reach 2000 MW. By purchasing non-firm power from TVA whose lines tie directly to the plant, we set up an alternate power supply that made the additional power available."

What does it take to make a record?

- The nuclear fuel produced at Paducah in May is enough to meet the power

needs of a city the size of Nashville, Tennessee for more than two years.

- The 621,000 SWU produced at Paducah in May resulted in 57 10Aton product cylinders bound for Portsmouth.
- On May 27, Paducah operated at 2004 MW. The Greater Metropolitan Area of Nashville, which includes 567,780 homes and businesses, set a peak usage level in the summer of 1992 of 1976 MW.
- The Paducah Power System set a summer peak in 1992 of 130 MW. The Paducah plant was using 15 times that much electricity in May.
- The 2000 MW power level is equal to the entire power output of two typical nuclear reactors.

In situ repairs at Portsmouth

(Continued from page 1)

ends of each transition joint—there are four of these in each cooler. The zone between the plugs is pressurized. If the pressure decreases, the leak is located. The leaks in two of the repaired converters were in transition joints, and they were easy to locate. However, a tube leak makes the repair more complicated.

Repair on the first converter, which involved a tube leak, began in mid-January and continued for seven weeks as repair and leak location techniques were refined. A tube leak is extremely difficult to locate since there are 168 tubes (or coolant channels) in each of the cooler's three sections. "Chill rings" or metal sleeves put in the pipe while it was being welded to contain molten metal also made the path more narrow for the insertion of repair hardware.

Pneumatic pressure and especially designed tooling were used to shoot epoxy into the tube, sealing off both ends. Another solution was prepared that would have installed plugs at the end of each tube. Other techniques for locating tube leaks have more recently been developed, and their use in future repair efforts should reduce the seven-week time to about two weeks or less.

The transition leak joints were repaired by using the video probe to guide a Viton elastomer sleeve into the joint. A mechanical expander was then placed on either end of the sleeve, and special mechanical devices were used to expand the sleeve against the piping with enough pressure to effect a seal.

Those responsible for the success of this project and continuing research include Bobo, Roger Foster, Mark Hamilton, Kevin Horsley, Paul Austin, Don Weber and Lew Storms (who recently retired.) In addition, Retiree Ray Simpkins was contracted to help fabricate and design the tooling needed to perform the *in situ* repair. "He has been very valuable," said Bobo. The group keeps a trailer on the cell floor of the X-333 Process Building which houses the equipment needed to perform the repairs. Also, cooperation and assistance from many other Portsmouth (MMUS) organizations were substantial and helped to assure this effort's success.

Currently, members of Bobo's department have performed the repairs due to the experimental nature of this effort. But after the repair techniques have been totally developed, plans are to train maintenance personnel to perform the work.

Administrative Promotions

Paducah

Justin Riley has been promoted to Technical Associate in the Environmental Monitoring Department in the Environmental and Waste Management Division. He reports to Mark Kennedy.

Cheryl Vaughn has been promoted to Statistician in the Nuclear Materials Control and Accountability Department. She reports to Jere Bracey, Department Manager.



Riley



Vaughn

HP trains Chemical Operators at Paducah

Chemical Operators at Paducah have undergone basic radiological survey training to increase their expertise in working with radiological materials and to help speed up jobs that require extensive decontamination.

Early results are mixed, but those involved in the project think it was an important step and hope it leads to more interest in skill enhancement.

"We were talking about ways to speed up seal changes," said Bill Halicks, Chemical Operations Department Manager, explaining how the training came about. "We could see that time was lost when operators assigned to clean a contaminated area would complete the work, then wait for health physics technicians to monitor the area to see if it was 'clean.'" Often, Halicks said, the HPs would find that more

work was needed and the operators would have to don protective equipment, re-enter the radiological zone and resume decontamination work.

Ron Fowler, Health Physics, suggested that Chemical Operators be trained in basic monitoring procedures and be provided with monitors so that they could do these preliminary surveys themselves. He and HP lead

technician Jeff Buckhalter designed a course, heavy on practical application, that would give the operators the information they needed to become more self-sufficient.

"What we're doing is improving people's understanding of how to work with radioactive material... the more they know about it, the better."

— Jeff Buckhalter

Buckhalter and Henry Harrington, senior HP technician, were the presenters.

The one-hour course was offered to all Chemical Operators. After the course, Fowler went out with the operators and provided follow-up support. The course was taught by the HP technicians that actually work with the crews every day. This enhanced communication between the work groups. In

some cases, the course became a forum for exchanging information and ideas about the best ways to accomplish the work.

"Some of the operators were receptive to the training and some were not," Buckhalter said, "but it was a good start for a learning cycle that uses training to help people understand their job better. Anytime you start something, you're going to get people who wait for the new method to prove itself. Given enough time, I think routinely performing self-monitoring during the decontamination effort will be recognized as an improvement in the Chemical Operators' ability to do their job."

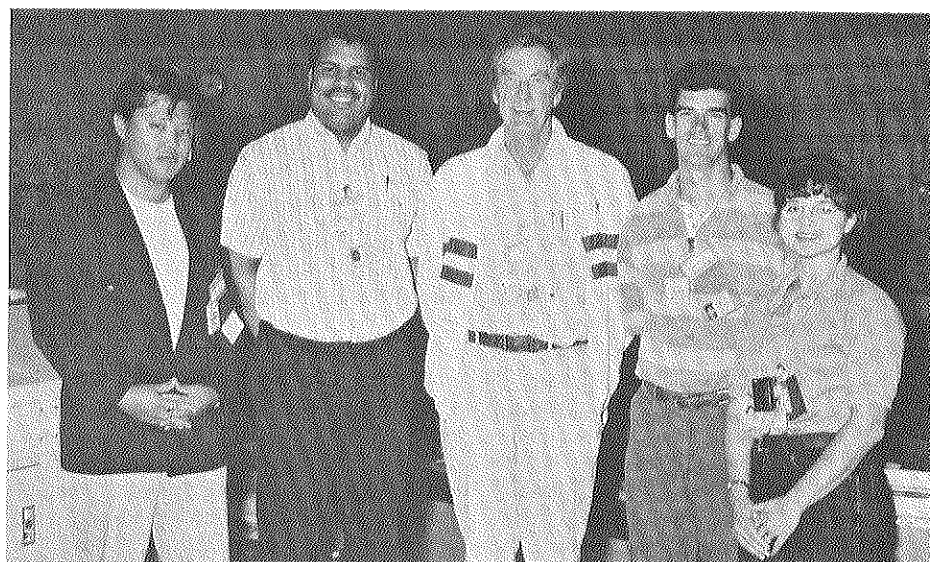
"What we're doing is improving people's understanding of how to work with radioactive material. Much of their

job is focused on decontamination, so the more they know about it, the better," Buckhalter said. "Each crew decides whether or not the monitoring will be useful on a particular project. We're expanding their options this way," Harrington said.

A key, Halicks added, is that operators can use the monitoring to gauge how well they are doing their job. They may find they are exerting more effort than necessary to clean areas that are lightly contaminated, or that they have failed to thoroughly clean other areas. "This can contribute to a sense of pride among the operators, in that they know they are doing a good job, and now they can prove it," Fowler said.

Most importantly, self-monitoring can reduce the amount of time the Chemical Operators have to spend in the contamination zone doing the decontamination work. This cuts labor costs and will shorten downtime for the equipment being serviced. Savings are also expected on worker's protective equipment and through lessened radiological waste for each project. Overall, the plant is saving time and money by making workers more professional.

When the operators are finished with decontamination procedures, health physics technicians enter the area and survey it as always to document that it is free of radiological material.



USEC Marketing Group

Members of USEC's Marketing Group visited the Portsmouth plant on Thursday, June 2. They received a plant tour as well as presentations from Plant Manager Dale Allen and Deputy Plant Manager John Shoemaker. Shown above are Bill Choi, Randolph Hackett, Albert Koch and John Cullen along with Linda Jarrell, USEC's Order Processing/Shipments Site Representative at Portsmouth.

Service Milestones

Paducah

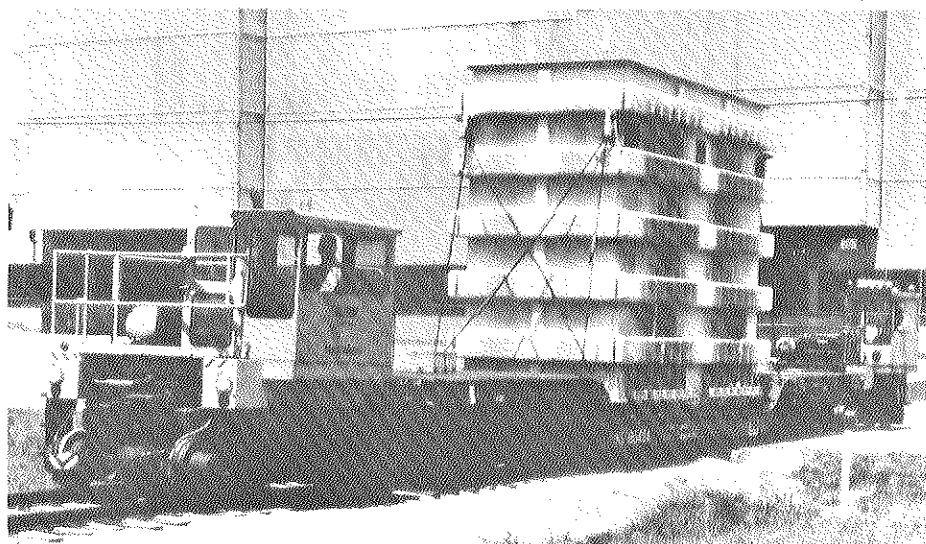
- 25 years -- Hugo Lang III and Ray Wright.
- 20 years -- W.H. "Skip" Smallman II, Pat Mills and Jan Dew.
- 15 years -- Gary Holland, Dennis Myers, Jeff Oakley and Steve Wagner.
- 10 years -- Jere Bracey, Robert Scoggins, Veronica Draw (MMES), Bob Bland, John Poffenberger, Loye Sullivan Jr. and Terry Henderson.
- 5 years -- Lesa Crouch, Anthony Gilbert, Pat Massa, Steve Nicol, Jeff McAlpin, Scott Kossack, William Baker, Judy White (MMES), Brian Honeycutt, James Prine, Carolee Cox, Toni Edwards and Teresa Reddick.

Portsmouth

- 40 years -- Bonadean L. Davis, Carl D. Miller, Earl Cremeans Jr., James B. Chandler, Walter R. Arnold, Franklin R. Perry, Bernard P. Allen and Gerald R. Towler.
- 25 years -- Benjamin W. McLaughlin, Charles D. Woodrum and George S. Price.
- 20 years -- Sheila E. Cameron, R. D. Arnett, Billy W. Short, Estle S. Stall Jr., Patsy C. Mills and Michael W. Schuller.
- 15 years -- Steven A. Wagner, Douglas K. Fogel, Russell E. Johns, Sandra L. Fout, Paul G. Simpson and Tona D. Spriggs.
- 10 years -- Debra L. Steppe, Phyllis J. Teeters, Wanda T. Hambrick, Elliott S. Wettstein and Cecil L. McCoy.
- 5 years -- Craig A. Truitt, Dwight E. Sapp, Pamela S. Days, Mark T. Shonkwiler, Tammy L. Childers, Robert F. Harris Jr., Matthew D. Krick, Karen H. Ruark, Jewell M. Collins, John R. Hamer, Robert G. Penn, Cindy J. Moore, Maurice W. Hammond, John J. Danielson, Susan L. Vanderpool (MMES), James A. Applegate Jr. (MMES), and Rafael Melendez (MMES).

Ethics Hotlines

- Portsmouth Ethics Rep. - Wayne McLaughlin -- (Ext. 2554)
- Portsmouth Waste, Fraud and Abuse 24-hour Hot Line -- (Ext. 2401)
- Paducah Plant Manager's Hot Line (Bell-6789)
- Paducah Plant Ethics Officer -- (Bell-6472)
- Paducah Plant Fraud, Waste and Abuse Hot Line -- (Bell-6600)
- Energy Systems Hot Line -- (615-576-9000)
- Martin Marietta Corporation Hot Line -- (1-800-3-ETHICS)
- DOE Inspector General and Environmental Hot Line -- (1-800-541-1625)



In for repairs

This tie line reactor, normally stationed between switchyards 535 and 537 has been removed from service and is shown loaded on a special rail car enroute to Birmingham, Ala., for repairs. The reactor is one of two that limit current flow between the two switchyards in case of a fault in one of the yards. Problems with the reactor surfaced during routine testing, leading the Power Department to summon consultants from Westinghouse, the reactor's manufacturer, for diagnosis. Repairs were deemed to be extensive enough to require offsite shipment. The job was opened for bids, and Westinghouse was awarded the contract. Repairs are expected to be complete late this summer. The reactor is part of the plant's original equipment. It was manufactured in 1954.

Annual Benefits Statement

Question: Why does the Annual Benefits Statement provide a different social security benefit in the Level Income Option when compared to the social security benefit provided by the MMES pension calculation program?

Answer: The estimated social security benefit used for the Level Income Option in the Annual Benefits Statement is based on a different growth rate for social security earnings than the one used in the Energy Systems pension calculation program. (This option is shown on page eight of your Annual Benefits statement.) For example:

1. If an employee is age 50 with an annual salary of \$35,000, the Annual Benefits Statement uses an estimated social security benefit of \$686/month. The Energy Systems pension calculation program uses an estimated social security benefit of \$609/month, a difference of \$77/month.

Premium decrease is announced

Benefit Plans is pleased to announce a decrease in the premiums for participants in the Major Medicare Supplement Plan. Effective August 1, 1994, your share of the premium will decrease as follows:

- Individual From \$54 to \$50
- Individual and Spouse From \$108 to \$100

The decrease in premium will be shown on your August 1994 check. If you have any questions concerning this rate change, please contact the Benefit Plans Office at your site. Participants will soon be receiving notification from Benefit Plans Operations in Oak Ridge.

2. If an employee is age 60 with an annual salary of \$60,000, the Annual Benefits

Statement uses an estimated social security benefit of \$925/month. The Energy Systems pension calculation program uses an estimated social security benefit of \$951/month, a difference of \$26/month.

3. If an employee is less than age 50, the difference would range from \$14 to \$62/month.

The reason for the difference is that the benefits consulting firm which produces our Annual Benefits Statements uses the same social security table for our company as they use for their other clients. Energy Systems chooses to

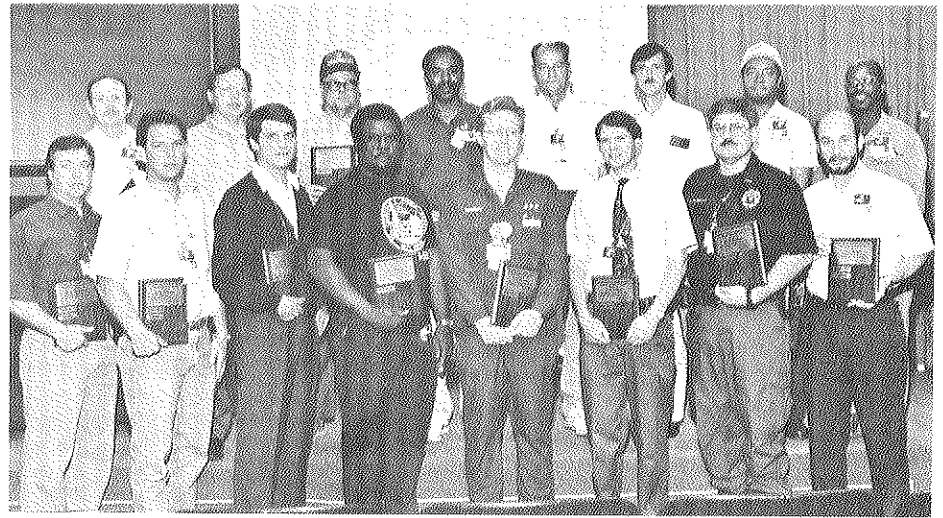
use a more conservative estimate for the Level Income Option in order to assure that the majority of our employee's social security payments will not be overestimated. Next year, the Level Income Option figures in the Annual Benefits Statement will be based on the same social security tables used in our pension calculation program.

It is important for employees to understand that any social security benefits used in our pension calculation program or Annual Benefits Statements are only estimates. Because we do not have a record of any employee's total social security earnings history, we use the employee's most recent year's pensionable earnings as the basis for calculating estimated social security benefits. Therefore, an employee's actual social security benefits will be different from those estimated. Employees must contact the Social Security Administration to request the amount of the social security benefits. You can do this by calling Social Security at 1-800-772-1213.

Employee Activities Committee

Portsmouth Calendar of Events

- | | |
|------------|---|
| July 9 | Employee Outing
Scioto County Fairgrounds |
| July 21 | MMUS-MMES Night at the Portsmouth Explorers Branch Rickey Stadium |
| August 4 | MMUS-MMES Night at the Chillicothe Paints VA Baseball Complex |
| August 6 | Championship Golf Tournament
Shawnee State Golf Course |
| Aug. 20-21 | Co-Ed Softball Tournament
Jake's Park, Waverly |
| Aug. 27-28 | Traditional Softball Tournament
Jake's Park, Waverly |



Paducah recognizes perfect attendance

We depend on dedicated people like this group recognized recently at Paducah for five or more years of perfect attendance. They received plaques in recognition of their achievement. Clarence Fields and Marshall Pullen each have perfect attendance for more than 15 years. Pictured are (Back row from left) Dale Meyers, 14 years; Bob Lichtenberg, eight years; Jim Stanley, five years; Clarence Fields, 15 years; Buford Coursey, six years; Larry Albritton, five years; Donald Kenley, nine years; and Russell Thomas, five years. Front row, from left: Keith Anderson, 13 years; Mark Kennedy, seven years; Dennis Quigley, five years; Marshall Pullen, 15 years; Dale Donohoo, five years; Jay Collins, five years; Kevan Ragsdale, five years; and John Asbell, eight years. Not pictured: Wayne Cope, 11 years; Norm Windt, 10 years; Bill Halicks, seven years; Jerry Lamb, seven years; J.J. Peck, seven years; Stewart Tolar, six years; Steve Johnson, five years, and Jean Stokes, five years.

MMUS employees and retirees help "Habitat for Humanity"

Employees and retirees from MMUS are some of the strong supporters for their local chapters of Habitat for Humanity (HFH).

Paducah

HFH has built 18 homes for people in the Paducah area since it began in the early 1980s. Houses number 19 and 20 are being built this year, and Paducah people are playing a big role in making this happen.

Dudley Castro, a retiree from the Engineering Division, oversees much of the day-to-day construction work for the local HFH organization. Dudley plans the construction activities and supervises the building work conducted by many different volunteers. Dudley's supervisory workload picks up in the spring and peaks during the summer when work camps and local people join together to raise houses and repair homes for needy people.

Bill Bosma, Management Systems and Compliance Division, works with the Family Selection Committee for the local HFH affiliate. Bill conducts interviews with potential Habitat Home owners and works with them to plan their participation (called sweat equity) in building the homes. Bill also serves on the local Habitat's Board of Directors.

Another Board of Directors member from the Paducah plant is Greg Hoffman, who works in the Technical Services Division. Greg provides volunteer service to the Family Nurturing Committee for HFH. This committee works with Habitat home owners on budgeting and financial skills.

John Dew, the PGDP manager for Strategic Planning, serves on the Habitat Board, and works on the Fund Raising and Public Relations committees.

If you're interested in working with Habitat, as a retiree or an employee, Dudley, Bill, Greg, and John invite you

to get in touch with them to see how you can lend a hand to help build a house.

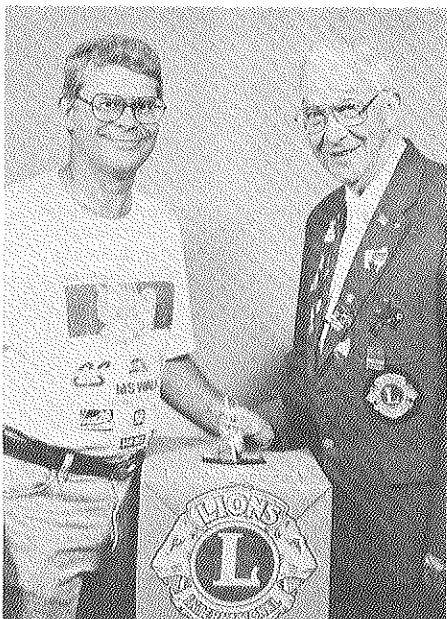
Portsmouth

The Scioto Valley Chapter held its first organizational meeting in February 1992. By the time it became a charter member in April 1993, it had \$30,000 in the bank and had become partners with 23 covenant churches that were committed to support the HFH with volunteers and prayers. HFH, which began as a Christian organization, recommends that each chapter enlist the help of at least seven churches--Scioto Valley now has 25 church partners.

Scioto Valley has built three houses in the last 16 months. Groundbreaking for the first was in March 1993, and the second began the following October. A fourth will begin construction later this year.

Portsmouth's Fire Chief, Jim Boyce, is an active member who helps with the construction. His wife, Mary, was the chapter's original fundraising chairperson, and she is now a member of the construction committee. Other Portsmouth employees involved include Becky Click (Records Management) and Doug Scott (NPDES Program Manager) along with Retiree Roy Brown. Before moving to Portsmouth, Plant Manager Dale Allen was instrumental in forming a chapter in Anderson County, Tenn., and he served on its board of directors.

HFH began in 1976. By 1990, it was the fifth largest homebuilder in the nation. It now builds approximately 1,000 houses every ten months. The 30,000th house will be built by HFH members this summer in Americus, Ga., which serves as the headquarters for this organization. Those interested in further information can call 1-800-HABITAT.

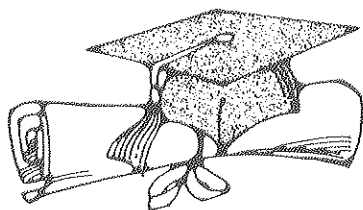


Campaign Sight First

Above, Portsmouth's Keith Banks (Chemical Technology) joins Retiree Walter Duncan, who is Secretary-Treasurer of the Beaver Lions Club, in depositing unneeded glasses for the "Campaign Sight First" program. The plant's Values Council and Employee Activities Committee decided that something worthwhile could be done with old safety glasses that are no longer being used by employees, so they joined hands with state and local Lion's Clubs to begin this campaign. Soon special boxes will be placed around the Portsmouth site for employees to "drop off those extra specs" so they can be reused by needy children and adults in southern Ohio.

High School Graduates - 1994

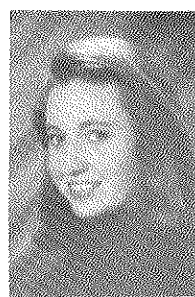
Portsmouth



Shawn Adkins
Waverly
Denny Adkins
Rebecca Bolt



Margaret Katherine Ahers
Raceland-Worthington (Ky.)
Steven R. Akers



Elizabeth M. Anderson
Union-Scioto
Bob Anderson



Mary Ellen Anzelmo
Chillicothe
James Anzelmo



Boone Arnett
Portsmouth West
James R. Arnett



Sarah Auringer
Paint Valley
Richard Auringer



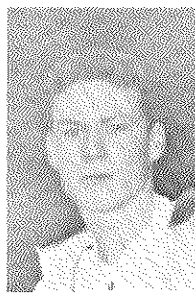
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Waverly
Burnett D. Billings



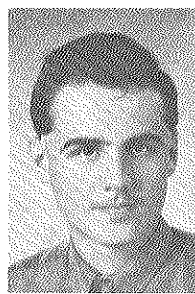
Brenda Sue Blaine
Minford
Harold E. Blaine



Emily Blake
Eastern High School
Richard Blake



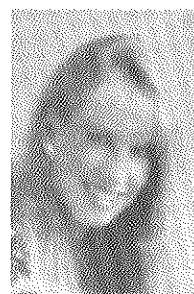
Billy Joe Bloom
North Adams
Dennis Plummer



Jason Bobst
Portsmouth West
Rick Bobst



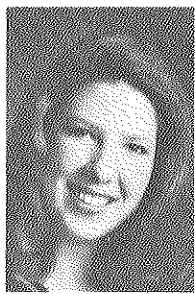
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Portsmouth
Hugh Boggs (Retired)



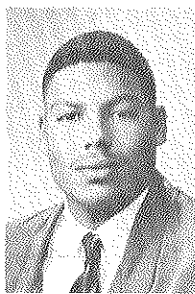
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Chillicothe
Tom Bonner



Meg Bowdle
Unioto
John Bowdle



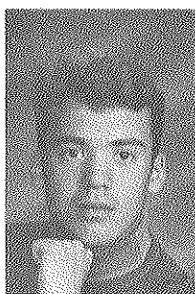
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Chillicothe
Jim Boyce



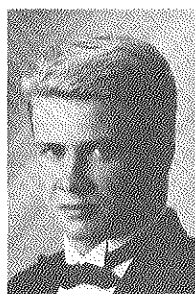
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Chillicothe
Denise Austin



Jonathan K. Burton
Portsmouth
Timothy K. Burton



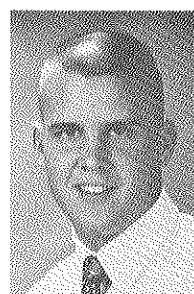
Jeffery V. Carrier
Minford/Scioto JVS
Roy V. Carrier



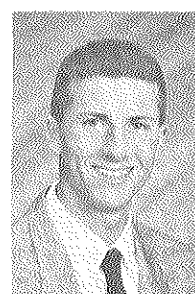
Ryan C. Cassidy
Notre Dame
Tom Cassidy



Angie Christman
Eastern
Sonny Christman



Kevin Coffman
Wellston
Scott Coffman



Ryan Conkel
Minford
Mark Conkel



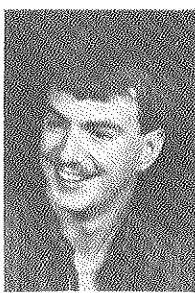
Jeremy Conley
Eastern
Eric Conley



Tonya N. Conn
Wheelersburg
Jim Conn



Christopher L. Cormany
Union-Scioto
Richard E. Cormany



Christopher Toby Costilow
Jackson/Buckeye Hills JVS
Gerald Costilow



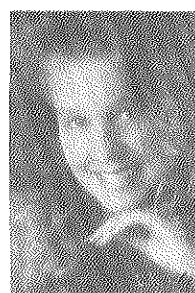
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Northwest
Jayne Crabtree



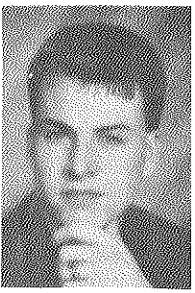
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Valley
Lary E. David



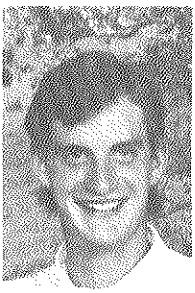
Thomas N. Deck
Waverly
Joe Deck



Heather Deffenbaugh
Chillicothe
Joe Deffenbaugh



Brian Detillion
Chillicothe
Don Detillion



Bryan P. Dotson
Clay
Bob Dotson



Christopher Durbin
Piketon
Debra J. Durbin



Amy Evans
Minford
Bob and Sandy Odell



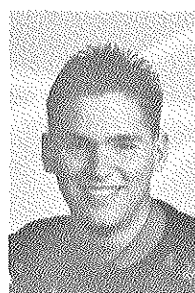
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Portsmouth East
Gary and Shannon Coriell



Heidi Amanda Ferryman
Chillicothe
Don Ferryman



Kelli Shay Gayhart
Wheelersburg
Michael Gayhart



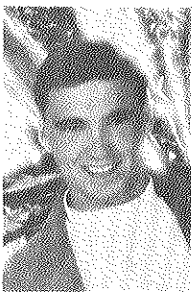
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Waverly
John and Debbie Gedeon



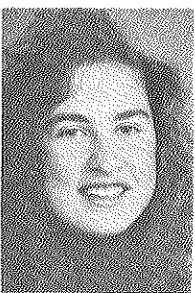
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Wellston
David Ghearing



Aaron Giles
Portsmouth
Susie Giles



Tony A. Graham
Piketon
David Graham



Tina Marie Grow
Jackson
Everett Grow



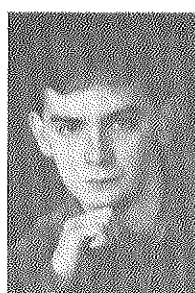
Chrystal D. Hanning
Vern Riffe JVS
Max Hanning, Father
William Sibole, Stepfather



Jennifer L. Hamilton
South Webster
Walt Hamilton



Kristal L. Hamilton
Southeastern
Willis Hamilton



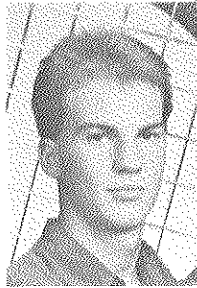
Charles E. Hammond Jr.
Scioto County JVS
Charles E. Hammond Sr.



Paul Steven Hannah II
Piketon
D.D. Hannah



Heather Hansford
Eastern
Paul Hansford



Craig Harrington
Waverly
Patricia Y. Harrington



Heather Hartley
Eastern
Carl Hartley



Justin Hawes
Wheelerburg
Joe Hawes



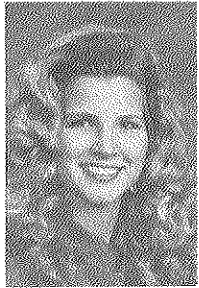
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Wheelerburg
Dave Hayden



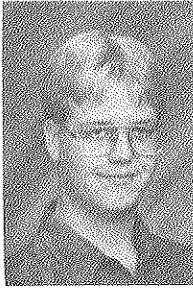
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Valley
James G. Hendrix



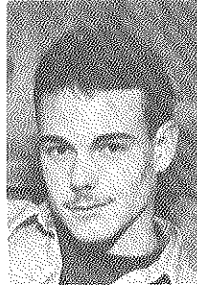
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Elmer R. Cable



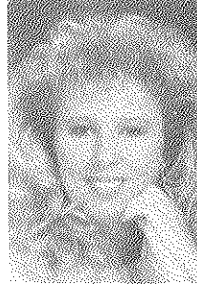
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Piketon
Jeff Hopkins



Mark Alan Horsley
Western
Raymond Horsley



Tim Jayne
Eastern
Tim and Jackie Jayne



Shelley Denise Jividen
Wheelerburg
Dian Jividen



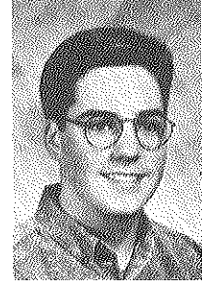
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Minford
Walter Johnson



Seth Andrew Kearney
Eastern
Alvita E. Roberts



April Suzanne Kegley
Wheelerburg
John Shewbrooks Jr.



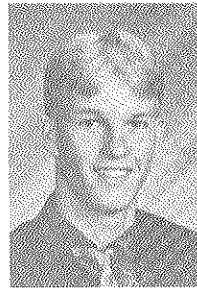
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Chelsey Kelley



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Waverly
James R. Kouse



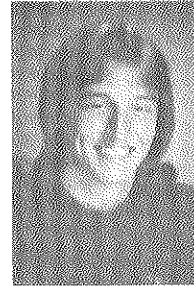
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Northwest
Kurt Lawton



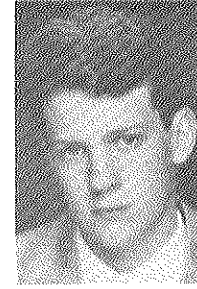
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Waverly
D.E. Lee



Angela Lindner
Notre Dame
Carl Lindner



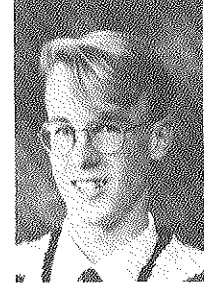
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Jackson
Judy Mahoney



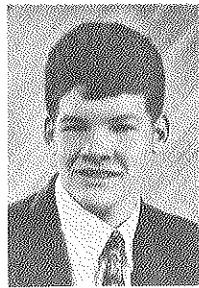
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Portsmouth
Rod McGoron



Lori Lynn McNelly
Minford
Sharon McNelly



Kent A. Mead
Union
Loren Mead



Brad Meeker
Portsmouth
M.L. Meeker



Marcie Ann Miller
Waverly
J.R. Miller



Lindsay Leanne Mitchell
Portsmouth West
Tim Mitchell



Brad Monroe
Piketon
Walter Monroe



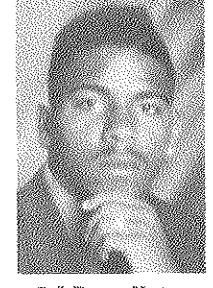
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James Montier Sr.



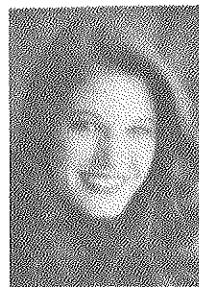
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Ronald K. Moore



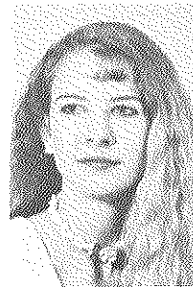
Trish D. Munn
Piketon
Carl and Darlene Munn



O.J. Tyrone Netter
Chillicothe
Stephanie Pettiford
Bill and Joyce Netter



Stephanie Newman
Union
Steve Newman



Lorinda Nichols
Landmark Christian Acad.
Kathy Nichols



Ken O'Dell
Wellston
Dan O'Dell



Jeremy Oppy
Valley
John Oppy



Jason Parker
Clay
Rich Parker



Liberty Peed
Minford
Gregg Peed



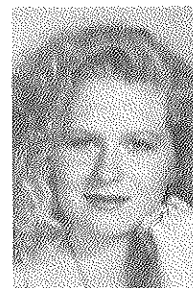
Tracey L. Pertusset
Northwest/Scioto JVS
Bernard Pertusset



Molly Dawn Pinkerton
Waverly
Charles D. Pinkerton



Amy Pratt
Jackson
Jim Pratt



Stephanie Quillen
Greenup County
Dave Quillen



Joshua James Ramey
Portsmouth
James L. Ramey
Debra A. Adams



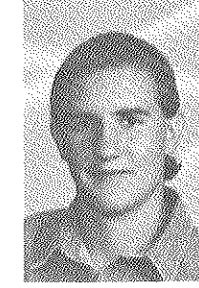
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Minford
Michael Ramey



Brian Rawlins
South Webster
Tom Rawlins



Joshua Remy
Waverly
Don A. Remy



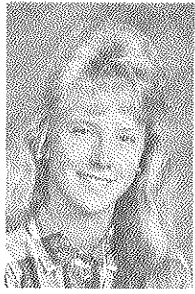
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Jerry Riffe



Jill Roberts
Eastern
Al Roberts



Michele Roberts
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Keith A. Roberts



Matt Rockhold
Chillicothe
Don Rockhold



Jeremiah Sautter
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John Sautter



Lori Sayne
Clay
L.J. Sayne



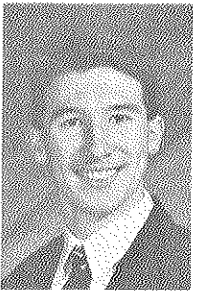
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Donna Scaggs



Aaron C. Schmidt
Notre Dame
Robert J. Schmidt



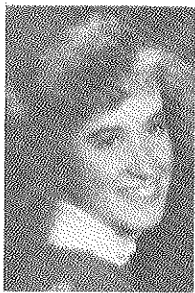
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Dana Schrader



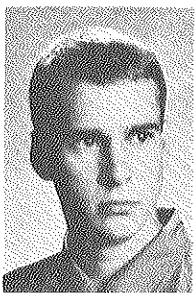
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Joseph Schreck



David Scott
Chillicothe
Doug Scott



Bethany Sheward
Jackson
Buck Sheward



Rusty Shook
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Ernie Conley



Ericka Y. Sims
Chillicothe
Charlie Sims Jr.



Katherine L. Snyder
Valley
Richard Snyder



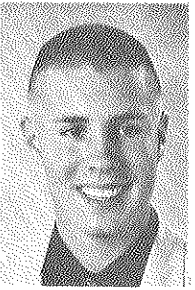
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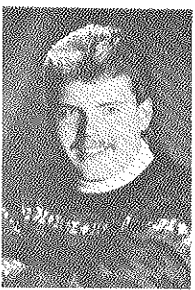
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Portsmouth
John A. Steward



Krista Sullivan
Clay
Tom and Debbie Sullivan



Curt Swavel
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Tom Swavel



Jason Tackett
Eastern
Diana Tackett



Brian J. Tomko
Chillicothe
Ken Tomko



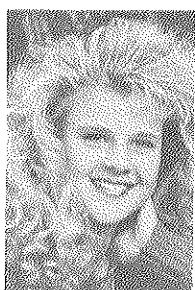
Timothy William
Trowbridge
Minford
Richard Trowbridge



Evelyn Nicole Valentine
Chillicothe
Chancey and Dorothy
Valentine



Lori Ann Vanderpool
Northwest
Ted Vanderpool



Amy Vulgamore
Piketon
Norb Vulgamore



Jessie Waddell
Minford
Rod McGoron



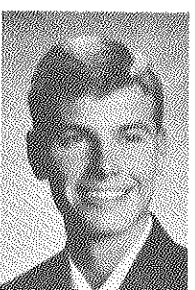
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Brian Waller



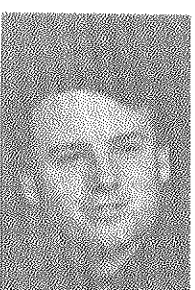
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Stephen D. Wamsley



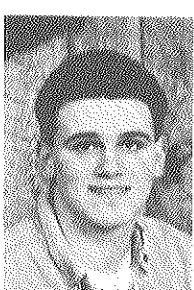
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Portsmouth
Sandra Ward



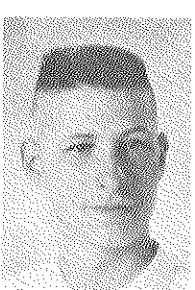
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John Watkins



Robert Waugh
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John Waugh



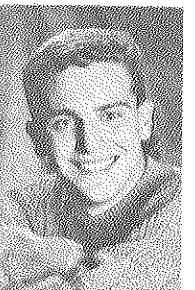
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Western
Cheryl Whitt



Christopher Williams
Valley
Roger Williams



Heather Williams
Waverly
Byron Williams



Ryan Willis
Wheelerburg
Ron Willis



Christi Wymer
Minford
Ken Wymer

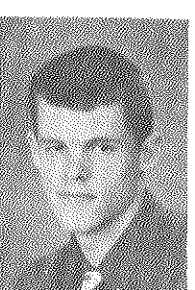
Paducah



Jacquelyn Abernathy
Reidland
Jack Abernathy



Julie Adams
Massac County
Linda Adams



John Bauer
Heath
Steve and Nita Bauer



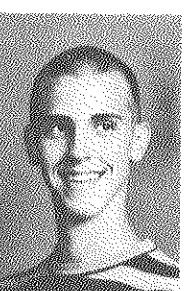
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Crittenden County
Joe Beverly



Derek W. Boss
Massac
Warren J. Boss



Candyce Boyer
Lone Oak
Debra Green



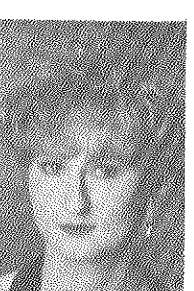
Clinton Paul Brayboy
Lone Oak
Jesse Brayboy



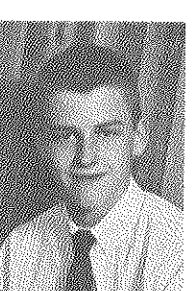
Jennifer Brandon
Lone Oak
Kerry Brandon



Jennifer Chapman
Heath
Roger Chapman



Cherlee Tisha Chism
Marshall County
Bonnie Lewis



Joel Clark
Lone Oak
Karen Clark (ERWM)



Heather Coffie
Tilghman
Andrea Coffie



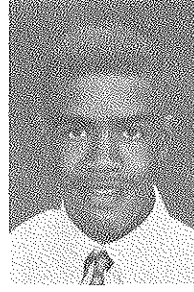
Chad Compton
Heath
Danny Compton



Valerie Denson
Cairo
Sandra Denson (ERWM)



Jana Devine
Livingston Central
Roger Devine



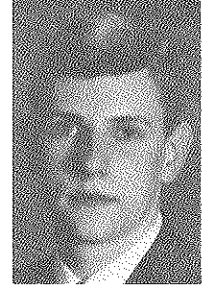
James Brandon Draw
Lone Oak
James and Veronica
(ERWM) Draw



Brad Edwards
Heath
Toni Edwards



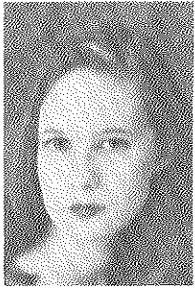
Aaron Thomas Emery
Graves County
Mark Emery



Jim Gregory
Heath
Windy Gregory



Melanie Gregory
Massac County
Don Gregory



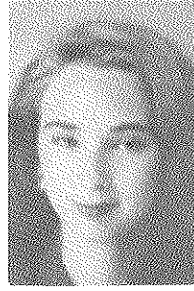
Alicia Gross
Heath
Ron Gross



Kimberly Harris
Marshall County
David Harris



Patrick Anthony Hook
Lone Oak
Alan Hook



Trisha Dawn Hooper
Heath
Michael Roberts



Brent Hoskins
Reidland
Ronnie Hoskins



Jason Allen Hudson
Lone Oak
Jim and Carolyn
(ERWM) Hudson



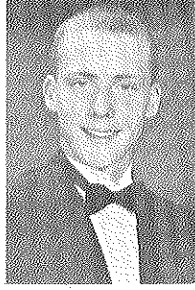
James Eric Hudson
Lone Oak
Jim and Carolyn
(ERWM) Hudson



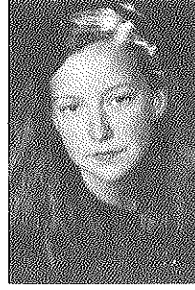
Stephen Ryan Hughes
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Steve Hughes



Holly Rose Hunt
Ballard Memorial
Jackie Solomon



Chaney Hurt
Ballard Memorial
Wanda Hurt



Jacqueline James
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Joe James



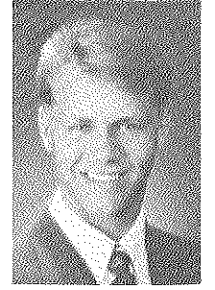
Laurie Johnson
St. Mary's
Darrell Johnson



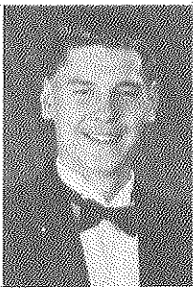
Lisa Kahre
Heath
Dale Kahre



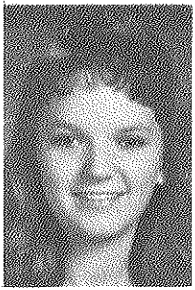
Carla Knoth
Paducah Tilghman
Hoyt Knoth



Greg Koch
Lone Oak
Judy Howe



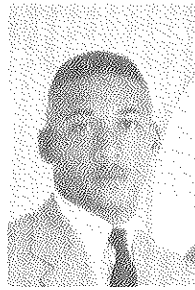
Brad Langston
Carlisle County
Galen Langston



Joey Ann Lewis
Vienna
Keith Lewis



Tonya Renee Mack
Heath
Arthur and Patricia Mack



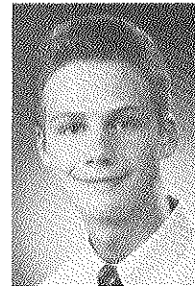
She'Ron Minter
Lone Oak
Kathy Minter



Matthew E. Meadows
Paducah Tilghman
Ronald and Regina Meadows



Ben Morehead
Heath
Denny Morehead (ERWM)



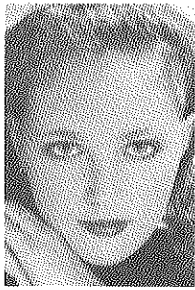
Brent Page
Lone Oak
Don Page



Shanna E. Riley
Reidland
Kathryn Riley



Lori Ann Schneider
Massac County
Danny Schneider



Evelyn Kay Sharp
Paducah Tilghman
W. J. Sharp



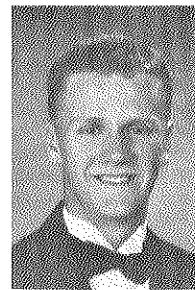
Connie Steger
Lone Oak
Mike and Linda Steger



Rodney Keith Stevens
Heath
Ron "Spike" Stevens



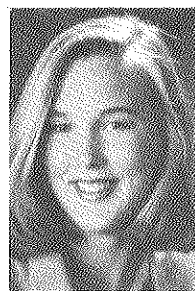
Erica Lynn Stokes
Heath
Billy Joe Stokes (Retiree)



Aaron Lloyd Thompson
Carlisle County
Freddie Thompson



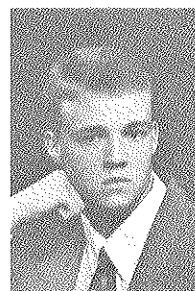
Lorren Walton
Reidland
Randy Walton



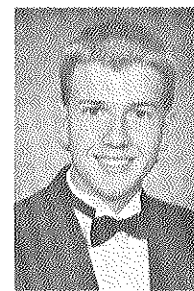
Mary Ellen Weber
Lone Oak
Bill Weber



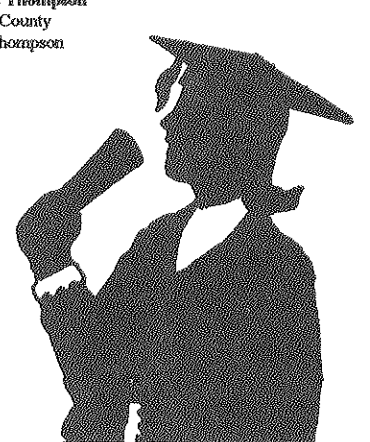
Kenneth White
Ballard Memorial
Pat Dorris



Jeremy Williford
Lone Oak
R. M. Williford

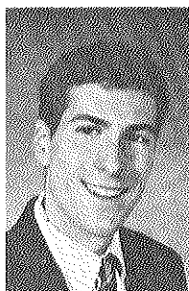


Jeff Wilson
Carlisle County
Denise Wilson



1994 College Graduates

Portsmouth



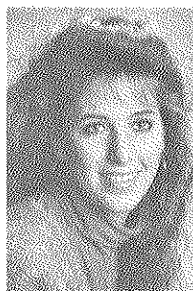
James Anzelmo
Ohio University
James Anzelmo



Duane C. Baldwin
Ohio State (MBA)
Kenneth D. Baldwin



Hugh R. (Bud) Boggs Jr.
Ohio University
Hugh R. Boggs (Retiree)



Kristi L. Brafford
Ohio State University
Lester and Shirley Brafford



Rodney T. Brower
Ohio University (Ironton)
Anita Brower



Jennifer Crabtree
Wilmington College
Damon Crabtree



Jennifer Detillion
Ohio State University
Gene Detillion



Kelly S. Ervin
Ohio University
Jim Ervin



Adam Gross
Ohio Northern Univ.
Dan Gross



Kathi Jo Gundlach
Morehead State Univ.
William L. Gundlach



Paul Hansford
Mount Union College
Paul Hansford



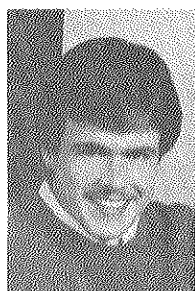
Cheryl Ann Harrison
Ohio University
Okey Harrison



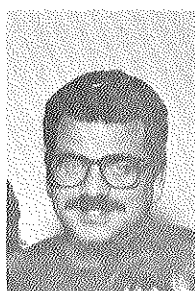
Derek William Hester
Miami University
Tom Hester



Michelle E. Hickman
Ohio University
Tom Hickman



Shane Jordan
Morehead State Univ.
Earl Jordan



Anthony B. Knoechelmann
Ohio University
John Knoechelmann



Kenya Dawn Lowe
Ohio University
John David Lowe



Jeannette McNelly
Shawnee State University
James L. McNelly



David Milam
Ohio Northern University
Mike Milam



Vicki Noel
Ohio State (Master's)
Reed Walters



LeAnne A. Olson
Marshall University
Betty G. Olson



Karla J. Piccolo
Capital University
Lila J. Donley



Pamela Reese
University of Rio Grande
Larry Reese



Matthew T. Sanders
University of Kentucky
Gordon L. Sanders



Heather L. Sheward
Ohio State University
Buck Sheward



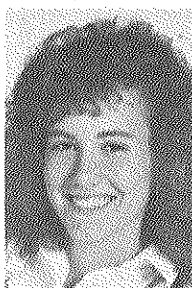
Mary Lea Stump
Marshall Univ. (Master's)
W.W. Stump (Retiree)



James B. Thomas
Ohio University
John B. Thomas



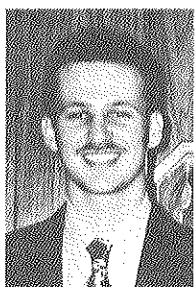
Maria Van Meter
OSU Law School
Carol Van Meter



Jody Lynn Vice
University of Rio Grande
Forest C. Vice



Amy Walder
Ohio University
Chip Walder



Jason R. Walls
Ohio University
Richard H. Walls



Jack Williams
University of Kentucky
Larry and Sue Williams



Jana Koch
University of Kentucky
Judy Howe



Jason Koch
University of Kentucky
Judy Howe



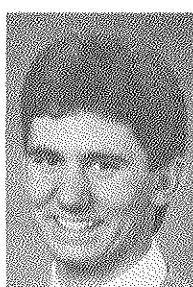
Sean Eric Asbell
Murray State University
John Asbell (ERWM)



Kathrynne Barron Dayley
Roane State Comm. College
Bill Barron



Larissa J. Bell
Murray State University
James W. Bell



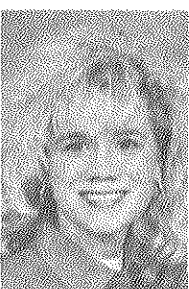
David Bosch
Murray State University
A. M. "Mike" Bosch



Cindy Darnell
University of Louisville
Deborah Darnell



Amanda Brookshire Emery
West Kentucky Tech
Mark Emery



Jana Koch
University of Kentucky
Judy Howe



Jason Koch
University of Kentucky
Judy Howe



Renee Mitchell
University of Louisville
Joe Mitchell



Melanie Pickard
Murray State University
Robert Pickard



Kelly Shaffer
Murray State University
Cindy Shaffer (ERWM)



Rae Ann Vezzey
University of Kentucky
Dick Vezzey

Paducah



Scotty Ray, surrounded by some of the plant's WalkAmerica organizers, shows off his pledge check which totalled more than \$11,000. Scotty was the plant's top dollar walker and led all contributors to the March of Dimes fundraiser. Shown from left: Brenda Stokes, Robbin Massey, Belinda Thomas, Ray, Judy Smith, Shirley Bentley (seated) and Roger Wiggins.

Leading the way to healthier babies

The Paducah Plant once again set the pace in its support of the regional March of Dimes WalkAmerica fundraiser held May 7. The total PGDP pledge, \$16,636.25 was the highest among all teams. We also had the most team members, and the highest individual pledge, \$11,042, raised by Scotty Ray, Electrical Department.

This was the fourth year for the plant to participate in the walk, and the second year in which we've dominated the event. Claudia Reynolds and Brenda Stokes were the team captains. Each division was represented by one or more division representatives, responsible for providing information to people in their area about the walk.

Martin Marietta also served as one of four corporate sponsors for the walk, donating \$2000 to help underwrite the costs.

Scotty, a Values Council member, was recognized as one of the top individual contributors in the 1993 WalkAmerica. This year, he started early with plans to break his previous record. He did so in an innovative way.

When seeking sponsors, Scotty offered to embroider the group or individual's name on a white tuxedo which he wore throughout the walk festivities. More prominent locations demanded more substantial contributions. "It ain't cheap," he warned those considering sponsorship.

"I want to thank everyone for their donations. Without them, this suit wouldn't mean anything," Scotty said.

The March of Dimes supports research and educational efforts aimed at improving the health of newborns and combatting birth defects. WalkAmerica is their largest national fundraiser.

Declining donations threaten blood supply

"The United States may be facing the most serious blood shortage since the beginning of the blood program in the next few months unless we can convince more people to give blood," said Faye Hayden, Donor Resources Consultant for the Red Cross Blood Center in Paducah.

You can help avoid this by donating blood regularly during the Red Cross Blood Drives held at both plants.

Blood shortages reported early this year were the worst since World War II, Hayden said. Hospitals were forced to postpone surgeries because the whole country was running out of blood. She said the same thing is likely to happen later this summer, unless blood supplies can be bolstered.

Every year more than four million people receive blood transfusions, requiring more than 14 million units of blood. "Unless more Americans roll up their sleeves and give blood, these needs may not be met," Hayden explained.

What's behind the shortage?

She said there are several factors contributing to the blood shortage. "The first reason is unfounded fears. Many people

still think a person can get AIDS from giving blood. This is totally unfounded. No one has ever received AIDS from donating blood. We use new, disposable needles every time."

Less than six percent of the American population is regular blood donors. Of those, many lose their ability to donate because of health problems and other factors. Those donors, Hayden said, are frequently not being replaced.

Another important factor, Hayden said, is increasing demand. Recently one police officer who was shot was given 475 units of blood. In another incident, four people with gunshot wounds depleted a hospital's entire blood bank inventory. The Red Cross is struggling to meet the needs of an violent society in which life-threatening wounds are part of every-day life.

Are there any answers?

The solution, Hayden said, is to encourage regular donors to give more often and to find more first-time donors. "Many donors only give once or twice a year," Hayden said, "when they are eligible to donate up to six times per year. About 94

percent of the population never gives."

"If you've never donated blood, I urge you to give it a try. It feels good to know that you have literally helped save another person's life," Hayden said.

Red Cross staff is accustomed to working with nervous donors and will take plenty of time to answer your questions and tell you what to expect.

How can I help?

The Bloodmobile will visit Portsmouth on August 24 and 25. Watch *The Open Line* and *SCOOP* for details. John Gedeon serves as Coordinator at the Portsmouth site. If you have questions at Portsmouth, contact him at ext. 3878.

Watch *InsideP* for information about upcoming blood drives at Paducah. Employees there are invited to call their Division Blood Drive Coordinators to schedule a donation or for more information.

If your work schedule makes donating at the plant a problem, you can always visit the Red Cross Blood Center or take part in a community blood drive in your area. Remember, it's not important where you give, only that you DO give.

New Employees

Paducah

May 9

Betty Grandstaff, Employment.

Joseph Todd Jordan,
Analytical Laboratory.

May 23

Matthew David Alsip,
Production Engineering.

Shanon Ceres Aymond, Student Intern,
Maintenance Engineering.

Steven Webb Drake and
Jeffrey Earl White,
Roads and Grounds.

William Walter Harris and
Matthew John Morin,
Health Physics.

Christopher Lamont Johnson, Cleavon
Kent Leggs and Jason Lamonte Reeves,
Summer Laborers, Roads and Grounds.
LaTasha Danita Reeves, Student Intern,
Security Services.

Portsmouth

May 23

Ella J. Parker,
Integrated Planning/Scheduling.

Lori A. Justice, Stores.

Carl D. Taylor,
MMES Facilities Support.

Glenn E. Barker,
Compressor & Seal Shops.

Danny L. Harrison, Ronald D. Duelley,
Troy D. Colley, David L. Brown and
Michael J. Cool,
Custodial.

Linda S. Scott and Timothy R. Beckman,
Maintenance Administration.

June 2

George Price,
General Plant Support Administration.

June 6

Benjamin Christopher Smith,
Waste Certification and Disposal (MMES).

Theodore W. Perry,
Banking and Cash Management.

Angela D. Wilburn,
Library and Distribution Services.

Karen A. Barbarits,
Lab Controls and Standards.

Lu Ann Hedden,
Uranium Analysis.

Tommy R. Orender, Robert L. Wilson,
and Edward W. Jenkins,
Mechanical Maintenance.

James D. McCorkle,
Instrument Maintenance.

Jeffrey Steven Beard and Ezra Wright,
Custodial.

David R. Branson, (Garage).

Jackie D. Angel, Glenn R. Eskridge,
Larry R. Fritz, John S. Lester, Paul A.
Phipps, James A. Riggs, Harvey A. Ruel,
and Garry M. Sexton,
Decontamination Services.

June 13

Lavaughn L. Hamblin,
Environmental Management (MMES).

Angela K. Miller,
QUEST Project Management.

Martin Marietta scholarship awarded

Alicia Gross, daughter of Sheri and Ron Gross (Technical Services Division), recently received the Martin Marietta Foundation Scholarship.

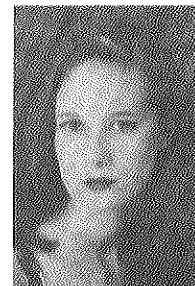
The Foundation awards a maximum of 50 scholarships each year to sons and daughters of full-time employees of the Corporation. Winners are eligible for up to \$3,000 per year for four years, provided they maintain appropriate academic status at an accredited college.

Alicia has been accepted into the Honors Program at Murray State University where she plans to major in print journalism.

Her other awards include the Murray State Presidential Scholarship, selection as a finalist for the National Merit Scholarship, selection as a Kentucky Governor's Scholar, selection for participation in the National Council on Youth Leadership and for inclusion in "Who's Who Among American High School Students."

Alicia served as valedictorian for her graduating class at Heath High School. She ranked first among the 121 students and earned a 4.0 grade point average. She was a member of the varsity academic team and served as editor-in-chief for the school newspaper. She participated in the McCracken County Mentorship Program, working with *The Paducah Sun* newspaper, and in two High School Publications Summer Workshops at Western Kentucky University.

Memberships held include Junior Rotary, Quill and Scroll, National Honor Society, French Club, Agape and the Junior/Senior Prom Committee. Alicia also had lead roles in two school plays, "They Run in Our Family" and "L'Alouette."



Gross

Recreation Corner

Paducah

Crappie Tournament—Winners of the May 14 crappie tournament were:

Total Weight—Frankie and Brian Arnett, 13 lb. 8 oz.; Terry and Tommy Massa, 13 lb. 6 oz.; and David Thompson and Ronnie Atherton, 12 lb. 1 1/2 oz. **Largest Fish**—Frankie Arnett, 2 lb. 1/2 oz.; Tommy Massa, 2 lb.; Brian Arnett, 1 lb. 14 oz. Door Prize winner was Fay Cope, wife of C.W. Cope. Thanks to all the participants.

Men's Bowling League—The Martin Marietta Men's Bowling League concluded the 1993-1994 season with the Strike Force defeating the Scrappers for first place. Members of the winning team are: Captain Woody Neftzger, Jim Brown, Kurt Hardman, Gail Giltner, Tyra Neftzger, Boog Powell and Greg Carter. High average, scratch series and game were won by Bo Bakenhester. High handicap series was won by Ron Meadows and the high handicap game by Don Martin. Greg Lahndorff took match play honors and Gary Hall the most improved bowler award. If anyone is interested in bowling in the upcoming season either as a team or single, please contact Kurt Hardman at 502-441-6320.

Golf Tournament—Because so many people have expressed interest in a golf tournament at Rend Lake, the 1994 Golf Tournament Schedule has been modified.

The tournament will be held June 25 at Rend Lake Golf Course, Rend Lake, Illinois. To get there from Paducah, take Interstate 57 (exit 77) and Route 154 (watch for the golf ball water tower). The driving time from Paducah is just over an hour, all interstate.

All current or retired Martin Marietta employees and their spouses are eligible to compete. The format is four-person scramble, pick your own team.

There will be a \$31 charge for cart and green fees (carts are required by the course). The Course dress code prohibits sleeveless shirts and cutoffs. For tee times, contact Jim Lambert (502-441-6235), Teresa Gross (502-441-6562), John Wallace (502-441-6392), Wes Bass or Roland Huggins (502-441-6757), first come first serve.

If you have trouble finding teammates, let the golf committee know and every effort will be made to place you on a team.

Tentative Schedule for remainder of the 1994 season:

July 23—Francis Miller, August 27—Lake Barkley, September 24—To be determined (either Ballard or Mayfield CC.), October 15—Kentucky Dam.

Summer Swim Program—The Saturday Morning Summer Swim Program begins this month and will continue through the end of August. Current or retired Martin Marietta employees and their families are invited to participate. The Noble Park Swimming Pool will be reserved from 10 a.m. until noon for your use free of charge. A pass will be required for entrance to the pool area. Call Organiza-

tional Development, 502-441-6652, to reserve a pass.

Fishing Contest—Winners of the fishing contest ending April 30 include: Crappie—Clara Coker, 2 lb. 8 oz.; Joe Langston 2 lb. 5 1/2 oz.; Doc Holladay, 2 lb. 3 oz.; Bass—H.L. Coker, 5 lb. 8 oz.; Doug Harrall, 4 lb. 9 oz.; Ricky Allcock, 4 lb. 8 oz.

Portsmouth

Employee Outing—The Employee Outing will take place on Saturday, July 9, at the Scioto County Fairgrounds near Lucasville. The gates open at 9:30 a.m. Admission is free, and all employees, retirees and their families are invited with no limit on the number of people you bring. Horseshoe and Euchre Tournaments will run from 10 a.m. until noon. (Entry forms are available at the Public Affairs Office.) Adults and kids games will also run from 10 a.m. until noon. Antique fire trucks will give rides from 10 a.m. until 3 p.m. The Retirees Corner takes place from noon to 1 p.m. with a special drawing. From noon until 2 p.m., there will be country line dancing with an instructor present. Bingo will run from 1-2 p.m. with great prizes available. The Columbus Zoo Animal Exhibit runs from 2-3 p.m. with great entertainment from 3-4 p.m. in the Grandstand. From 3-5 p.m., there will be a teen dance with a disc jockey providing the music. At 4 p.m., there will be a patriotic parachute jump just prior to the Grand Drawing. You must be present to win!

Running continuously from noon until 5 p.m. will be: a flea market and craft show/sale, an antique and classic car show, carnival rides, department exhibits, a farm museum, police and fire department vehicle and equipment displays, and much more. Food booths and concession stands will be open from 10 a.m. until 5 p.m.

Softball Tournament—The annual softball tournaments for the Portsmouth plant will take place on August 20-21 (Co-Ed) and August 27-28 (Traditional). Buck Walter (Police Department) is chairing this event. The umpires, scorekeepers and softballs will be furnished by the EAC. Both tournaments will be double elimination with the winners attending the annual Recognition Banquet. The cost to enter is \$20 per team. A new feature this year, Walter said, is that participants can compete in both events. Be sure to enter a team. If you are not on a squad, form one in your department or work area (limit-15 people) and enter either or both events. The deadline to enter is August 15.

1994 Softball Tournaments

Jake's Park — Waverly

Aug. 20 & 21 — Co-Ed Tourney

Aug. 27 & 28 — Traditional Tourney

Umpires, Scorekeepers, and Softballs Provided

Roster Limit — 15 people

Entry Fee — Only \$20 per team

Entry Deadline — August 15

Entries accepted by Buck Walter, M/S 4025, ext. 5861 or John Gedeon, M/S 1133, ext. 3878.

ENTER A TEAM NOW!

Employee outing at Portsmouth

Saturday, July 9 — Scioto County Fairgrounds

NO ADMISSION PRICE FOR ALL EMPLOYEES, RETIREES AND THEIR FAMILIES

NO LIMIT ON NUMBER OF PEOPLE YOU CAN BRING

Gates open at 9:30 a.m.

Flea Market and Craft Show

Carnival Rides including live ponies, "Moonwalk" and more

Columbus Zoo Animals

Sumptuous Food

Bingo

Antique/Classic Cars

FABULOUS GRAND DRAWING

Country Line Dancing with Instructor

Antique Firetruck Rides

Retirees' Corner (with Special Drawing)

Kids and Adult Games (Great Prizes)

Dunking Machine

Great Entertainment

D.J. and Teenage Dance

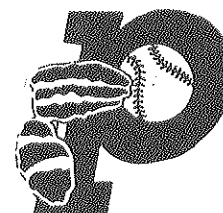
Indoor/Outdoor Picnic Areas

Farm Museum

Departmental Displays

Police and Fire Department Vehicles, Interactive Videos, Uniforms and MORE!

See Recreation Corner (at left) for more details.



Frontier League nights scheduled

If you and your family enjoy professional baseball, but you do not like a long drive and expensive prices, circle July 21 and August 4 on your calendar. Those are special **EMPLOYEE FAMILY NIGHTS** with the Portsmouth Explorers and the Chillicothe Paints respectively, and admission is only \$1 per seat for the first 200

tickets sold. After that, tickets will be sold at a special group rate. Tickets will be available at all Atomic Employees Credit Union locations on a first come-first served basis.

On July 21, the Portsmouth Explorers battle the Ohio Valley Redcoats at Branch Rickey Stadium in Portsmouth, and on August 4, the Chillicothe Paints face the Lancaster Scouts at the Veterans Memorial Field on State Route 104.

A drawing will be held to throw out the first pitch at both games, and there will also be special drawings for great prizes at each ballpark. An employee will sing the "Star Spangled Banner," and others will perform prior to and during the games.

Both evenings will provide great professional baseball action, good entertainment, prizes and events for the entire family.

Obituaries

Paducah

Robert Jordan

Former Paducah Plant Manager Robert Jordan died May 22 at his home in Oak Ridge, Tenn. Jordan served as Plant Manager for Union Carbide in Paducah from February 1954 through March 1961. He recently celebrated 50 years of company service with Union Carbide/Martin Marietta Energy Systems in Oak Ridge and Paducah.

Jordan was survived by his wife, Mary Clark Jordan; one son, William Gerald Jackson of Pittsburgh, Pa.; two stepdaughters, Mary Susan Sales of Amherst, N.H., and Lauren Kay Fuller of Maryville, Tenn.; his mother, Viola Headrick Jordan of Lancaster, Ohio; and one brother, Kenneth Jordan of Carroll, Ohio.

Burial was in Oak Ridge Memorial Park.

Portsmouth

George M. Jarrell, 70, Portsmouth, May 10. He worked in Materials when he retired in May 1988. He is survived by his wife, Kathleen.

Henry F. Hamilton, 55, Bainbridge, May 29. He was a Distribution and Inspection Operator when he retired in June 1986. Survivors include his wife, Sue Ann.

Lyle C. Duzan, 75, Portsmouth, June 8. He was a Maintenance Mechanic when he retired in October 1981. Survivors include his wife, Hazel.



Jordan

Pikeon, Ohio
BULK RATE
U.S. Postage
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Permit No. 11

Martin Marietta Utility Services, Inc.

P.O. Box 628

Pikeon, Ohio 45661

Address Correction Requested

Please Return Intact

Correction

Willie Sigler's name was misspelled in May's Team of the Month story from Paducah. We regret the error.