Uranium Enrichment News

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

Volume 1

SEPTEMBER 1993

Number 3

QUEST works to improve business practices

They call themselves the QUEST Team. QUEST stands for Quality Uranium Enrichment Systems of Tomorrow. They are working on a new business system for Martin Marietta Utility Services in support of the United States Enrichment Corporation (USEC).

Under the direction of Program Director Bob Bush and his Deputy Program Manager, Clint Maynard, the QUEST Team is "reengineering" UE's principal business processes. Business Process Reengineering (BPR) involves examining how work is performed within a company and developing ways to improve the flow of work. BPR allows the same people to accomplish more by eliminating redundant or unnecessary tasks and focusing on what is important. Uranium Enrichment's new processes are based on commercial business practices and use commercial offthe-shelf computing software.

By July 1994, this multi-milliondollar project is scheduled to be complete with new business systems in place for Uranium Enrichment. By then, employees will be doing their time cards electronically, obtaining approvals electronically, doing three-way matching on invoices electronically and much more.

"There's going to be a culture shock," said Maynard. However, he pointed out, "there will be many benefits to the system upgrade."

The process has been ongoing for some time. In March 1992, Andersen Consulting was awarded the contract by the Department of Energy and Martin Marietta Energy Systems to assist in streamlining and standardizing financial and human resource information systems for the uranium enrichment plants. In December 1992, a contract was awarded to Oracle Complex Systems Corporation for Oracle Financial Software, for PeopleSoft Human Resources software and for training and consulting services. Martin, Andersen and Oracle/PeopleSoft worked as a team to complete, in April 1993, the preliminary system design for the new business systems. Implementation schedules and updated cost estimates were submitted to USEC headquarters in July and approved in early August to continue the implementation phase of the QUEST project.

The QUEST Team will implement Oracle Financial Software to support financial and materials management activities such as budgeting/cost accounting, accounts receivable, property accounting, purchasing, stores inventory management and accounts payable. They will implement PeopleSoft software to handle human resource management activities such as personnel, payroll and benefits. In addition, special software was purchased to assist with Equal Employment Opportunity/Affirmative Action (EEO/AA) reporting requirements.

Several UE people from Portsmouth and Paducah have been tapped to provide their expertise on this project. Project teams consisting of MMUS, Andersen Consulting and Oracle/ PeopleSoft have been organized to complete the final phase of the QUEST project. They include Time Entry, General Finance, Materials Management, Human Resources and Technical Support.

Training on how to operate both software packages has already begun for members of the project team. Eventually all employees affected by the changes will be trained.

"It will put on the user's desk all the functions that he or she needs," Maynard said. For instance, reports that can only be obtained currently through Data Processing will be on the user's workstation after the new system is implemented.

The system will be implemented at both Portsmouth and Paducah, with the Portsmouth plant serving as the lead site on project development. Once the system is online, a configuration control board will be available for the user organizations to request changes to the system when needed.

Paducah replaces switchyard capacitors

Careful preparation and close cooperation made it possible for Paducah to replace the final PCB-filled capacitor in its switchyards this month safely, on time, and without threat to the environment.

A 10-man crew of electricians, led by Lyndal Thompson, did the work, but said it wouldn't have been possible without support from people all across the plant. "The plant has really worked together to accomplish this goal," said Ron Taylor, Power Operations manager.

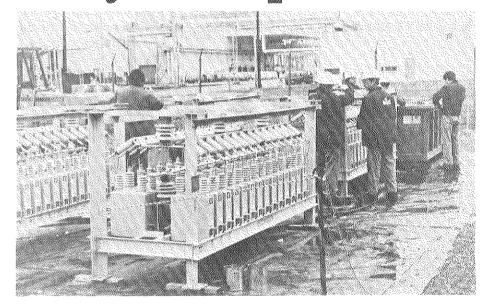
Engineering, Power Operations, Safety, Health Physics, Waste Management, Material Handlers, and Technical Services people all had roles in the project in addition to the crew, which is part of the Electrical/Instrument Shops in General Plant Services.

Replacing the approximately 2,500 capacitors, a capital project, was necessary because of a high failure rate due to their advancing age. Since the capacitors contain PCB oil, cleanup after a failure is expensive. Replacement with non-PCB units makes sense, both environmentally and financially.

"There was a lot of upfront work by a lot of people before this project started that enabled my crew to go in and do the work," Thompson said. He said the groups involved met to think through the work and determine how to complete it most efficiently. For example, the crew members were all trained in PCB spill containment and cleanup, eliminating the need for onsite waste management people. They had input to the procedure development process and to safety and health guidelines. This interaction continued as the project moved ahead, allowing for changes that made the work go more smoothly. "We tried to look down the road, and meet our problems before they arose," Thompson explained.

This interdepartmental, interdivisional cooperation is particularly interesting given that this crew is entirely new to the plant. Except for Thompson, all the electricians were hired in the past year to work on capital electrical projects. They started from scratch, with no tools, no vehicle to pick up new capacitors as they arrived, not even a breakroom to call their own. They came from work in construction, the railroad shops, a local utility and a coal mine. They brought with them a willingness to work with the system to make it better.

"What made it work was us getting along," one of the crew members said. "None of us is afraid of work," said



A crew of Paducah electricians surrounds one of the capacitors it recently replaced. The final PCB-filled capacitor in the switchyards was replaced in September.

another. "This is one of the better groups of men I've worked with--it's hard to find this many guys who can get along this well. We've got a good foreman, too," said a third. One crew member seemed to speak for the group when he said, "Everybody seems to like being an electrician and takes a lot of pride in what they do. I feel good about

getting up in the morning."

The crew experienced some delays. Early in the year, frequent rains forced working on capacitors inside the process buildings and substituting for other groups. Another delay, necessitated by a review of hoisting and rigging procedures, was filled with extra train-

(Continued on page 2)

Update on Total Quality Management

MARTIN MARIETTA UTILITY
SERVICES TOTAL QUALITY
MANAGEMENT/CONTINUOUS
IMPROVEMENT VISION STATEMENT

"TQM means continuous improvement to support our strategic objectives and to delight our customers."

Total Quality Management is a term used by different organizations to describe a wide variety of activities. Martin Marietta Corporation endorses TQM as "a philosophy and a strategy for continuously improving performance at every level and in all areas of responsibility." (Corporate Policy GP-20)

Because there are so many approaches to TQM that have demonstrated a wide range of success and failure, we believe it is important to summarize the objectives we at Martin Marietta Utility Services envision for TQM as we seek partnership with our customer, the United States Enrichment Corporation.

Our vision of TQM is to create an organization that includes the following:

- A sense of commitment, ownership and empowerment at all levels.
- A "can-do" attitude that maximizes innovation in all phases of work, from major programs (such as optimal use of non-firm power) to smaller tasks (such as reducing the time taken to order

and receive parts in the plant garage).

- Total Customer Satisfaction. Our people will team with internal and external customers to become the lowest cost, preferred supplier of uranium enrichment services in the world.
- Effective use of benchmarking to foster world-class improvement.
- Foster cross functional teams between divisions and between the sites to drive commitment, innovation, and customer satisfaction with the highest level of employee involvement.
- 6. Innovation in managing and working together. We will emphasize cooperation between the plant sites, partnership with suppliers, and personal commitment and passion for excellence among our leaders and teams.
- A learning organization where core competencies are established and learned, where we invest in learning team skills, cost reduction methods and techniques to further continuous improvement.

News on Total Quality Management that you are accustomed to seeing in TQM NEWS will now appear periodically in Uranium Enrichment News. In the July issue of TQM

NEWS, Skip Hanline of the Marketing Support Division at Oak Ridge asked: "How can a high-performance work team (HPWT), or its individual members, be held responsible for the accomplishment of an ongoing effort?" The following is the response:

The high performance work team (HPWT) as a whole is held accountable for the projects or tasks identified in the team's charter. Typically, each team member is given tasks and is accountable as an individual for their satisfactory completion. The overall success of the HPWT's work will depend upon the team members successfully completing their individual tasks and coordinating their efforts to achieve the team's larger objectives.

Each HPWT needs a team leader or facilitator to help direct the project and coordinate tasks. The team leader

should solicit input from all team members by holding frequent meetings to check on the team's progress. If any team member is not performing his or her tasks adequately, the leader should notify the person of this fact. Team members who do not fulfill their responsibilities should leave the team (either by their own choice or by the team's choice).

Team members should evaluate each other's performance on the team. Arrangements could be made for team members to provide input into one another's Personnel Performance Review (PPR). In addition, if there are readily identifiable primary customers for the HPWT's work, these individuals or groups could provide an evaluation of the team's performance; this evaluation could also provide input for the PPRs of all team members.

Paducah replaces switchyard capacitators

(Continued from page 1)

ing and devising modifications to the cabinets that hold the capacitor banks in the process buildings. Despite these delays, the switchyard portion of the project was completed on schedule.

In the switchyards, capacitors are arranged in banks. The crew replaces them one bank at a time. A large bank has 165 separate capacitors; a small one 105. To completely replace a large bank requires six to seven days' work by the entire crew. A crane lifts the heavy bank out of its metal supports and places it on the ground. The electricians must then disconnect each capacitor, label it, place it in storage, note its number and storage place, unpack the new capacitor and rewire the connections.

The paperwork that accompanies each bank is 1.5 inches thick. There are approximately 6,000 electrical connections in each bank.

Technical Services has developed quality checks for the banks, using thermography to reveal the "hotspots" that result from poor connections so they can be repaired before the work is complete. The problem rate has been very low throughout the project.

Capacitors provide reactive support to better the plant's "power factor" which results in more efficient compressor motor operation . Industries and utilities commonly place them on power poles to boost voltage to a particular customer. Few places, though, use as many as PGDP, where they help power the huge induction motors that drive the cascade. We have capacitors in the switchyards and in the process buildings. They were installed in the process buildings in 1953, and replaced during the Cascade Upgrade Project in the early 1980s. During that upgrade, capacitors were first placed in the C-533 and C-537 switchyards. PCBfilled capacitors were the equipment of choice then because of the heavy fluid's excellent insulating ability. That was well before PCB fluid was found to be hazardous and state and federal regulations were put in place regarding its use.

Record LEU production levels achieved for fiscal year 1993

The final lowenriched uranium (LEU) order for October delivery was withdrawn from Portsmouth's cascade on

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)

August 25. This completed a 10-month period of record cascade LEU production levels that extended between December 1992 and August 1993. LEU production levels for this period were 20 percent above average.

LEU product order requirements for Fiscal Year 1994 are projected to be 10 percent lower than Fiscal Year 1993. This is reflected in the fact that the combined production requirements for the next three months are only about 85 percent as great as October.

Production requirements for Fiscal Year 1995 are currently projected to be five percent greater than 1993 which will result in maximum plant power levels at Portsmouth and Paducah during the last half of Fiscal Year 1994 and all of Fiscal Year 1995.

Enrichment customers ship their UF6 to the Portsmouth and Paducah plants. UF6 shipments to Paducah are brought from their natural assay of .7 percent up to approximately 2 percent U-235. The UF6 then goes on to Portsmouth where it is fed into the process and enriched to customer specifications, ranging from 2 to 5 percent U-235.

MARTIN MARIETTA

Uranium Enrichment News

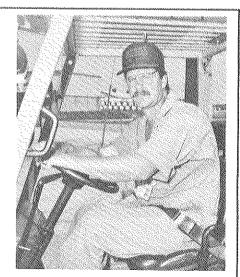
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Published Monthly in the Interest of Employees of the MARTIN MARIETTA UTILITY SERVICES, INC.

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U.S. GOVERNMENT PRINTING OFFICE 750-088/No. 80001 Printed on recycled paper



Published monthly for Utility Services employees such as Phillip Gullett of the Uranium Material Handling Department in the Cascade Operations Division at Portsmouth.

Promotions and appointments are announced

Bill Sykes has been named Manager of Paducah's new Nuclear Regulatory Affairs Office, reporting to Howard Pulley and Steve Polston.

The new position was created to serve as the



Sykes

primary focus for all Paducah Gaseous Diffusion Plant nuclear safety and safeguards and security regulatory matters, including commitments. Regulatory oversight of these activities is now being performed by the U.S. Department of Energy (DOE) on an interim basis until the Nuclear Regulatory Commission (NRC) develops its new certification standards and completes the certification process of the plant. Sykes will also serve as an interface with the NRC during the development of that certification process for the plants. NRC will eventually assume nuclear safety related regulatory responsibility for the Paducah and Portsmouth plants.

Sykes most recently served as a transition manager for the plant. In this position, he provided support to

DOE and the United States Enrichment Corporation in implementing parts of the Energy Policy Act of 1992. That Act led to creation of the new government corporation that on July 1 of this year took over the Uranium Enrichment Program. During his 26year career at the plant, Sykes has served in a number of positions of responsibility. These include Maintenance Division Manager, Operations Division Manager and several managerial positions in Cascade Operations.

Sykes holds a bachelor's degree in chemical engineering from the University of Missouri at Rolla. He served in the United States Navy from 1968 -1971. He and his wife, Jane, have two sons, Jason, 17, and Brian, 13. They live in Paducah.

Joe Moore has been named Deputy Division Manager, Safety and Health Division. He reports to Bill Strunk, Division Manager.

Moore last served as OSHA (Occupational



Moore

Safety and Health Administration) Regulatory Manager in the Uranium Enrichment Organization.

Moore served as Manager of Safety and Labor at Goodyear Tire and Rubber in Jackson from 1976 to 1981. He came to the Portsmouth plant in June 1981 as an Industrial Hygienist. In February 1989, he was promoted to Department Head of Industrial Hygiene.

Moore received a bachelor of science degree in industrial technology from Ohio University in 1975. He obtained his master of science degree in occupational safety and health from Marshall University in 1980.

Moore lives in Portsmouth with his wife, Christy.

Kenneth M. Tomko has been named Deputy Division Manager, Environmental and Waste Management. He reports to Buck Sheward, Division Manager.

Tomko came to the Portsmouth plant in September 1968 as a member



of the Technical Training Squad. In December 1968, he became a Staff Engineer in Mechanical Development for Process Equipment Technology. In February 1974, he moved to Engineering and Maintenance as a Staff Engineer. He was promoted to Senior Engineer of Maintenance Engineering in November 1975.

In October 1977, he was promoted to Department Head, Maintenance Engineering and Services. He transferred to Department Head, Gas Centrifuge Enrichment Plant (GCEP) Maintenance, in January 1981. In August 1984, he became Department Head, GCEP Engineering.

Tomko became Department Head, Shops and Utilities Maintenance, in July 1985. In April 1989, he was appointed Department Head, Operations. In April 1992, he became Department Head, Environmental Con-

Tomko was graduated from Youngstown State University in 1968 with a bachelor's degree in mechanical engineering. In 1971, he carned a master of science degree in industrial and systems engineering.

He lives with his wife, Patricia, in Chillicothe. He has two children, Brian and Michelle.



Bauer



Evans



Trimble



Detillion

Retirees

Paducah

Paducah retirces meet for dinner the third Thursday of every month at 5 p.m. at the Ponderosa restaurant next to Kentucky Oaks Mall. All PGDP retirees are welcome. Upcoming events for retirees include a group vacation later in the Fall. Call John Hornsby, 502/442-1752, for more information.

Portsmouth

Paul F. Lucas, Portsmouth, after more than 20 years of service. He most recently served as a Coal Handling Machine Operator in the Utilities Shift Operations Department.

Kenneth L. Ritchie, Chillicothe, Staff Engineer (GCEP), after more than 38 years of service.

Curtis D. Shaffer, Wheelersburg, Maintenance Mechanic (Mechanical), after 19 years of service.

Portsmouth retirees meet for a luncheon every third Thursday of the month at the Ramada Inn in Portsmouth at 11:30 a.m. Various personnel from plantsite serve as guest speakers, and a newsletter is distributed.

ment Department. Bauer reports to Frank Kocsis, Department Manager. Darrell Evans has been promoted to Cascade Coordinator in the Central Control Department. He reports to Bill Switzer, Department Manager.

Portsmouth Neville L. Trimble has been promoted to Supervisor, Power Engineering. He reports to Dick Blake, Department Manager, CUP Engineering and Technical

Administrative Promotions

Paducah Steve Bauer has been promoted to Section Leader in the Procedure Manage-

Support. Damon A. Detillion has been promoted to Supervisor, Instrument Shops. He reports to Eugene Pofahl, Department Manager.

EMPLOYEE ASSISTANCE PROGRAM

Having any personal or family problems with:

PARENTING, GRIEF, ALCOHOL, STRESS, MARRIAGE, DRUGS, FINANCES?

Completely confidential -free help for Portsmouth and Paducah employees Call 1-800-222-3778 (open 24 hours)

Paducah On-site Employee Counseling Service - Call 443-4450 or Bell 6266 or 6267



Lucas



Ritchie



Shaffer





Massie Newbern is a House parent at the Riverwood Group Home.

Riverwood Group Home

Nestled on South Ninth Street in Paducah, Riverwood Group Home is a tidy, attractive place that offers to developmentally-disabled adults a chance for independence and an alternative to institutional life. Eight mentally handicapped adults — four men and four women—truly call it "home."

Visitors are greeted by the warm smile of Maggie Newbern. She and her husband, Curtis, are the live-in "house parents" at Riverwood.

"The best feeling in the whole world is when I can feel like I have actually helped someone have a 'normal' life," Mrs. Newbern said. "This is not a 'facility' for the residents. It is their home, where they feel safe and comfortable."

To be accepted, residents must be passed by the Mental Health board and be able to perform certain tasks. New arrivals are evaluated to identify any weaknesses they may have. Several times a year the checklist is revisited to track progress.

The atmosphere at Riverwood is very homelike. Residents are assigned several daily tasks, such as cooking, washing dishes, doing their own laundry, general house cleaning, and working in the vegetable garden in the summer. They also must be able to work at an area rehabilitation center.

"The main goal of the Riverwood home is to assist the residents in becoming self-sufficient in hopes that someday they will be able to function on their own in the community," Newbern said. "Without a facility like Riverwood the residents would have to be institutionalized if no family member is able to provide for them."

Recently two women at Riverwood were able to move out on their own after learning "living skills" at the facility. However, if needed, Riverwood can be home to the residents for life.

Riverwood has existed since 1984 and is the only facility of its kind in the Paducah/McCracken area. The United Way has helped sponsor it for the past four years.

June Antony, local United Way executive director, said, "There is a great need for several more homes like Riverwood. The waiting list is very long, but it takes a lot of support from the community and other agencies."

Paducah and Portsmouth conduct

PADUCAH CAMPAIGN BEGINS OCTOBER 4

Happy Anniversary! Paducah is holding its 40th United Way Campaign. Through the years, employees and the company have contributed more than \$2.1 million to help others.

The contribution goal for the 1993 Campaign is \$105,000. Campaign chairwoman Ladino Lee said she was confident that goal would be met. "Employees have proven over and over that they are willing to give their fair share to help those who are less fortunate," Lee said. The Campaign begins October 4 and will end October 31. During that time, designated solicitors will contact

each employee. The solicitors can make changes in existing donations, can arrange a one-time donation, or set up payroll deduction program for those who aren't already United Way supporters.

Donations from the plant are directed to United Way agencies in Paducah-McCracken, Graves, Marshali, Ballard, Carlisle, and Murray-Calloway County in Kentucky; to Massac County in Illinois; and to Mississippi County in Missouri. Employees may direct their payroll deduction funds to one of these United Way organizations, or may choose to make a one-time donation to a particular agency. Either way, the funds we donate stay in our

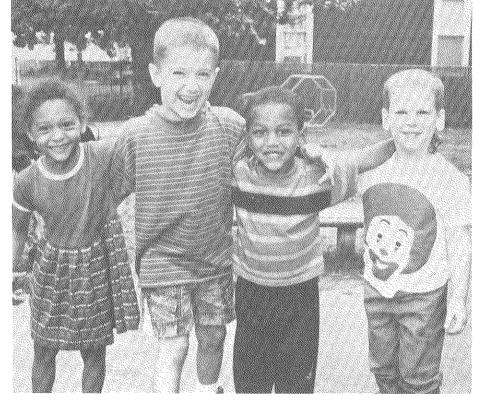
communities, to help our friends and neighbors when they are in need. The short stories below tell more about some local agencies supported by the United Way. In addition to the usual Campaign

In addition to the usual Campaign activities, special displays are planned for the cafeteria commemorating the anniversary. Watch InsideP for details.

This year, Paducah's United Way Campaign Committee consists of Chairperson, Ladino Lee; Co-Chair, Jim Lewis; Co-Chair, David Fuller, OCAW; Co-Chair, Bill Brien, UPGWA; Human Resources, Debra Bell; Environmental and Waste Management, Tina Boehmer; Technical Services, David Curry; Management Systems and Compliance, Toni Edwards; Executive Staff, Margaret Gough; Safety and Health, Patricia Holland; Technical Operations, Debra Hunke; Business Management, Shirley Lanier; Saleguards, Security and Emergency Services, Terry Lunde; Chemical, Utilities and Power, Matt Maurer; Cascade Operations, Steve Hunt; General Plant Support, Joe Benberry; Environmental Restoration and Waste Management, Bill Elder and Debbie Wattier; Computer Support, Donna Gray and Daniel McClure; Secretary to the Chairperson, Pearl Carter.

Allocations Committee representatives are Ladino Lee, Pearl Carter and Betty Hart.

Paducah contributions over the years have included 1953-\$6,018; 1958-\$17,241; 1963-\$20,893; 1968-\$28,525; 1973-\$41,768; 1978-\$93,440; 1983-\$83,258; 1988-\$90,087; 1992-\$119,536.



The Day Nursery playground is a good place to make friends.

Hugs from the United Way: The Day Nursery

The Day Nursery was founded in 1916 by the Paducah Mothers' Club to provide affordable, quality childcare for working mothers. Three-quarters of a century later, the Nursery is still offering a vital service to the community.

The Day Nursery is one of four agencies sponsored by the United Way in its inaugural year here in 1934. The other three are Family Services, Boy Scouts and the Salvation Army.

Tonya Johnson, the agency's first full-time Director, said the Day Nursery has 90 children enrolled. They have a waiting list of about 25 more. Fees are based on income and range from \$4 to \$12 per day. Children range from 6 weeks to 10 years old. The Day Nursery serves three hot meals and two snacks every day. There are 18 full and part-time employees.

Some of the children who stay at the Nursery would probably be left at home alone while their parents worked if the service wasn't available, the Director said.

The Day Nursery has been in its present location since 1928. Plans are underway for a new building partially funded by the State of Kentucky. The new 4,000-square-foot building will be able to handle about 60 children at one time. The present building has room for only 48.

The Day Nursery is always in need of donations. Money, clothes, sheets, towels, blankets, educational materials, toys, cribs, learning tools, audio/visual equipment and even child care books and materials for the teachers are all welcome.

Paducah stories by Lee Lamb

Teaching adults how to read

After years spent working and raising a family, Rosemary Macklin thought it was time to do something for herself. "I decided this was my time, and nothing was going to stand in my way," Rosemary said, explaining why she had enrolled in the local United Way funded literacy program.

Rosemary dropped out of school in the eighth grade. Now, about 30 years later, she's back at the books, improving her reading and writing skills enroute to earning her general equivalency degree (GED).

Rosemary has been in the program for 18 months. This determined lady knows the importance of looking ahead, and after earning the GED, she hopes to go on to college. After all, the hardest part is over: "The hardest thing was to make myself do it," Rosemary said.

Terry Boston, coordinator of the Literacy Project, estimated that almost 5,000 adults in McCracken County

(Continued on page 12)

United Way campaigns to help those in need

PORTSMOUTH'S CAMPAIGN BEGAN SEPTEMBER 20



Ladino Lee (left) is serviny as Paducah's campaign chair. June Antony (right) is the Director of Paducah-McCracken County United Way.

Pike County strives to assist community

None of the 15 members of Pike County's United Way Board receive any salary for their services, and all but two of them hold full-time jobs. But they work hard each year to meet campaign goals and fulfill as many needs in the county as possible.

Sharon Manson, an Assistant Accountant at the Ohio Valley Electric Corporation, is serving her second year as President of the Board. She has been involved with United Way for the past five years.

Manson says that a large part of the work is done by Treasurer Ann Porter who processes all the checks and applications for assistance. Porter is a Vice President at the First National Bank in Waverly.

John Karney, who serves as 2nd Vice President, is a School Psychologist. Rev. S.C. "Spike" Jepson and Betty Armstrong serve as 1st Vice President and Secretary respectively. As residents of Bristol Village, Jepson and Armstrong head up that community's annual campaign which raised approximately \$6,000 in 1992.

Manson said that many people are misinformed about who United Way helps and about how much money donated by area residents actually stays in the community. The national office takes less than one percent of the total collected each year, she stated. In 1992, out of approximately \$50,500 donated to the Pike County United Way, only about \$400 actually went to the national office for the use of its logo and other administrative costs.

The Pike County United Way is not permitted to make personal donations

(Continued on page 7)

This year, Portsmouth is holding its 41st United Way Campaign. Since 1953, more than \$2,280,000 has been contributed to the United Way by plant employees and operating contractors.

The 1993 campaign began on September 20 with a kickoff breakfast in the X-1000 Cafeteria. The campaign is scheduled to run through October 1. This year's goal is \$70,000. Toni Brooks, Department Manager, Environmental and Waste Management Technical Support, is serving as Campaign Chairperson.

Other members of the United Way Steering Committee include Frank Bullock (MMUS) and Jerry Moore (MMES), Assistant Co-Chairpersons; Kristy Landman (UPGWA), Assistant Chairperson; John Christian, Coordinator; Angie Duduit, Officer Manager, and Leo Gillen, Finance. Division representatives are Patty Hines, Plant Manager's Area; Bonnie Stanley, Technical Operations; Elaine Litten, Cascade Operations; Jan Mann, Chemical, Utilities & Power Operations; Jenny Moore, Environmental & Waste Management: Susan Jones. Human Resources; Angie Dunn, Management Systems and Compliance; Pat Cramer, Safeguards, Security and Emergency Services; Jerry Moore, Environmental Restoration and Waste Management; Vanessa Burkitt, General Plant Support; Linda Ciraso, Business Management; Sharon Coleman, Safety and Health, and Kristy Landman, UPGWA.

Donations from the plant are directed to United Wayagencies in Scioto, Pike, Ross and Jackson counties, although other counties may be designated. Employees can choose to make cash donations or sign up for payroll deduction. Another option is to become a fair share giver where an employee may choose to pledge a small percentage of his or her annual salary.

Portsmouth employees with questions about the campaign should contact their division representatives.

Agency works to grant special wishes

Carl was nine years old and a cardiac patient living in one of the many foster homes in which he had been placed by the court. He was obsessed with not "belonging" to anyone. His pleas for adoption by the foster couple caring for him were in vain as his medical bills were \$250,000, and they could not assume the debt. Carl received a legal name change to that of the foster family without adoption. He lived three weeks longer, and his headstone attests that his wish was granted, "OUR SON, Carl Allen Thompson."

This is just one of the examples of how A Special Wish Foundation (ASW) enhances the quality of life for children or adolescents with life-threatening illnesses. ASW is the newest agency on Pike County's United Way list.

ASW, the largest wish-granting organization in Ohio, was founded in 1982 by Ramona Fickle, a Columbus hospice volunteer who was concerned over a lack of services available to Ohio's terminally-ill children. This organization, headquartered in Groveport, was one of the first of its kind in the United States. It is the only major wish-granting foundation in the country that grants wishes to qualifying infants, children or adolescents from birth through and including the age of 19 years. The first wish granted by ASW was in 1982 to six-year-old Amber Johnson, a leukemia victim, who was able to travel with her family to Disney World.

Approximately 98 percent of those who work for ASW are volunteers, and they help to grant hundreds of wishes each year. These volunteers include accountants, attorneys, elergy, housewives, laborers, nurses, physicians, secretaries, teachers, truck drivers and others.

On the average, each wish costs around \$2,682. Unfortunately, more than 75 percent of the children whose wishes are granted do not live more than six months beyond that time. ASW tries to lend emotional support to the immediate families by including them in the wish activity as much as possible.

ASW receives its monetary support solely from donations and fund raising. All fund raising is done by volunteers—there is no telemarketing or paid solicitors. The largest percentage of financial support comes from individual contributions.

ASW does not discriminate against anyone based on race, sex, religion or nationality.

The Southern Ohio Chapter

Randy Roberts, Manager of Krogers in Portsmouth, serves as the Chairperson of The Southern Ohio Chapter of A Special Wish Foundation, which serves Lawrence, Gallia, Jackson, Scioto, Pike and Adams counties. This chapter formed less than one year ago and has already granted eight wishes--two of them for Pike County residents. A board of directors, consisting of unpaid volunteers, meets once to twice monthly to discuss requested wishes and fundraising activities. A ninth wish is now being processed. "We are doing almost one wish a month," Roberts said.

Roberts stated that close to 99 percent of the wishers request a trip to Disney World, although one Portsmouth college student once asked for a shopping spree and was given \$1,000 for the occasion. When a Disney trip is scheduled, ASW sends the child along with his or her parents, brothers and sisters. In September, ASW sent an 18-year-old Pike County resident who

is terminally ill to Disney World with her husband.

Requests are issued to ASW through the doctors of the wishers. Most of the wishers are patients at Children's Hospital in Columbus. It is up to the individual's doctor to fill out the necessary paperwork and forward it to ASW. The length of time it takes to process the request depends on the condition of the child, the availability of the parents, travel arrangements and other factors.

The Southern Ohio Chapter has been quite aggressive in its fundraising activity since it started last fall. From a bank account of only \$200 a year ago, the chapter has raised close to \$25,000 to fulfill the wishes of local terminallyill youngsters. Fundraisers have ranged from mass mailings to pie-baking contests. The chapter has also conducted promotions in conjunction with area businesses such as the monthly Amateur Talent Night at the Ramada Inn in Portsmouth. The proceeds from this contest go to ASW, and the finals will be conducted at Portsmouth High School on October 23. In April, the chapter received the proceeds from the Childers Music Center's annual Pocket Song Contest. They also received the proceeds from the Portsmouth Daily Times' annual charity golf tournament.

"We're aggressive," said Roberts of the chapter's 12-member board, which includes Susan Rumfield, Procedures. If board members do not attend at least 50 percent of the monthly meetings, they are asked to resign. Consequently, four new board members will be attending their next meeting. "We don't want to drag our feet," Roberts added. They are now looking at expansion of the program into the Ashland, Ky., and Huntington, W. Va., areas.

Portsmouth works to complete transition

With the July transition to the United States Enrichment Corporation (USEC), work has greatly increased for members of the General Plant Services (GPS) division at Portsmouth. Moving, remodeling, painting, electrical work, electronic work and many other tasks have been required to help the transition proceed smoothly.

Transition planning was dependent on the facility allocation between the Department of Energy (DOE) and USEC, and the organizational structure of Utility Services and Energy Systems. As soon as these two items were reasonably firm, Erk Picciano, Facilities Manager for Uranium Enrichment (UE), and Bill Lemmon, Facilities Manager for Environmental Restoration and Waste Management (ERWM), began planning moves between and within facilities. The Facilities Managers conducted several meetings with GPS personnel to quantify and prioritize the remodeling and moving tasks.

Gene Gillespie, DOE Portsmouth Site

Manager, greatly assisted the planning task when he agreed to make the office

area in the XT 847, a DOE facility, available for Buck Sheward's organization (Environmental and Waste Management). This made it possible to move more than 20 people out of the Recycle and Assembly (R/A) Building to make room for DOE and ERWM.

The Facility Services and Plant Services Departments have shoul-

dered a great deal of the work. Since July, Facility Services personnel have had to move several offices. In addition to moving Sheward's organization from

the R/A to the XT-847, they moved the DOE offices from the X-100 to the R/A

Building. also moved Environmental Restoration and Waste Management (ERWM) staff to the XT-801 and the R/A Building. They moved USEC staff into DOE's old offices in the X-100, and they moved Management Systems and Compliance Division staff into the old DOE area as well. In addition, they moved the Payroll Depart-

ment from the X-100 to the XT-801. However, before the moves could

However, before the moves could even begin, Plant Services had a lot of work to do to prepare for the moves, according to Rick Snodgrass, Department Manager, Plant Services. For instance, before Sheward could move his staff into the XT-847, the Sheet Metal Workers had to repair the ductwork. The Carpenter Shop had to erect cubicles and lay carpet. Even after Sheward and his staff moved in, the carpenters had to put in a new drop ceiling. Before DOE moved into its new offices, the drywall had to be redone, and the walls had to be repainted.

Electrical personnel were also called upon to prepare office areas for their new occupants, as were telephone and electronic maintenance personnel.

In addition to the extra work, these various departments have had to continue to perform their regular jobs as well. For instance, Facility Services has had to continue to keep approximately 800 acres of grass mowed, clean out drying beds for the waste disposal plant, attend to Environmental Resto-

(Continued on page 8)



Ferman Beavers (above) and the other members of Portsmouth's Carpenter Shop played a vital role in preparing office space for new occupants as a result of the USEC Transition.

Paducah develops plans to ease overcrowding

In Paducah, finding a space to move into can be the hardest part of a relocation. The number of salaried employees has risen, leading to a critical shortage of office space in recent years. Divisional reorganizations, like the one in October 1992, often require moving groups from one area to another, compounding the situation.

First response has been to bring mobile homes on site to serve as offices. There are approximately 25 mobile homes at Paducah now and a few more will eventually be added to meet the need for space quickly and inexpensively.

A more long-term solution, involves ensuring that all available space is used in the most efficient way possible. In January, the plant created the new position of Site Utilization Manager. Part of the Executive Staff, the Manager is charged with developing and implementing a plan to ease overcrowding, and with insuring that available space is distributed equitably.

Darryl Pea, previously in the Safety and Health Division, was selected to fill the position. He has since transferred to the Environmental Restoration and Waste Management Group and Charlotte Wells, Nuclear Safety, has been named his successor.

Pea developed short and long-range plans to better utilize the available office space. To do this, he met with each division manager and put together lists of "must haves" and "would like to haves" for each.

He then visited every part of the plant, scrutinizing the way the available office space was being used. At the end of his study, Pea had located 40 usable office spaces. These spaces were made available to those people

with critical needs.

Pea does not make decisions regarding space allocation. Division and department managers are responsible for locating available space when a move is necessary. They also determine how

that space is allocated to their employees.

Ín course of his work, Pea quickly realthat methods used for moving were inefficient. He looked at the process and decided it could benefit most from improved communication preplanning.

He worked with the various groups in-

volved in supporting moves and secured from each a block of time each week dedicated to moves. Crafts involved include Roads and Grounds, Telecommunications, Computer Maintenance, Electrical, and Carpentry. "We tried to make everything work together in an organized fashion," Pea said.

People preparing for a move contact the Site Utilization manager. They meet to determine the exact needs. The new work area is evaluated, and work that needs to be completed before the move is noted. Decisions are made about what will actually be moved to the new space. Any new items or items coming from other areas are located and tagged. "We want to know every-

thing, from how many file cabinets must be moved, to the number of computer links required, to whether or not the walls should be painted," Pea said. The necessary Work Orders are submitted and move scheduled.

Each

Wednesday,

the Site Uti-

lization

manager

holds

Paducah's Plant Services Department is responsible for loading and moving office equipment from one area to another. Here Phil Williford, Dennis Bakenhaster, Fred Calhoun and Mark Belt (bottom) work together to move a heavy fireproof file safe.

planning meeting. Representatives from each work group attend. Together, they plan the moves that will take place that week. All scheduled moves are made on Thursday.

"By meeting this way, the people involved in the move have an opportunity to evaluate the work ahead of time. It makes everything go much more smoothly, and it's less stressful for everyone," Pea explained.

Darryl Bentson supervises the Roads and Grounds crew in the Facility Services Department. His staff provides the people power for moves. He said the planning meetings really help. He said time is used more efficiently during the course of a move, and the crew is confronted with fewer unexpected complications. Pea also helps to prioritize the moves, a key point given the limited time available for the work. "Our job assignments are very wide and there's never enough staff to get everything done. Since Darryl (Pea) meets with the customer first, they have a much better understanding of the actual work involved in their move. And it's much easier for us to gauge how many people and how much time will be needed, Bentson said.

Moves related to the plant's transition to the United States Enrichment Corporation and the division of employees between Martin Marietta Energy Systems, Inc. and Martin Marietta Utility Services, Inc. have put a load on the system. However, the plant is in a much better position to handle the extra work than it was in the past. Plans by MMES to move some of its employees offsite early next year are expected to further ease the space dilemma.

Pea said that much of the success of recent moves can be attributed to the expertise of the people involved. "The craftspeople have been given a voice. That's what has made everything go so well," he said.

Wells has past experience in moving groups at the plant and in planning office layouts. She said she feels very comfortable with her new assignment and looks forward to the challenge it offers. The weekly planning meetings will continue, Wells said.

Divisions recognize good safety performance

Paducah's General Plant Support Division (GPS) has a new Safety Recognition Program that rewards people who achieve outstanding safety records, the first division at Paducah to offer such recognition.

People with 10 years of injury-free service (January 1, 1983 through December 31, 1992) are presented a personalized plaque commemorating their achievement. Coffee mugs go to everyone in the division with five years of injury-free service (January 1, 1988 through December 31, 1992). All division employees who have been injuryfree since the division reorganized in 1992 have been presented lapel pins.

The Recognition Program was created as part of the Division's Safety Action Plan, developed to reduce the number of accidents and injuries within the division. The plan went into effect in January. Through August, the severity of injuries experienced by GPS personnel is much less than in past years. The lost workday case incident rate has improved by more than 200 percent over the 1992 rate; whereas the rate for all recordable injuries/ illnesses has already decreased by 27 percent over last year. GPS personnel are working together to continue the improvement trend toward an accident-free work place.

Awareness of workplace safety is particularly important in this division where many people have potentially hazardous jobs. "The type of work we do could lead to injury if people aren't careful," said Tommy Thompson, the Division Safety Representative. He and the Division's Safety Specialist, Greg Bell, work together to implement and coordinate the Safety Program.

Thompson said reaction to the pro-am has been excellent. "This regram has been excellent. minds our people that management is very safety conscious and is taking action in the area of safety," he said.

Signs and posters posted at work sites urge employees to "Wait a Minute" and ask themselves, "Am I doing the job safely? Am I doing the right job? and How can I make this job easier/ safer?" The division management believes this kind of scrutiny can help prevent accidents and injuries and the pain and suffering that may result.

In addition to regular Monday morning safety huddles, work groups also meet on Friday afternoon briefly to encourage off-the-job safety. The Division hosted two roundtable safety sessions the past two quarters attended by 18 people randomly selected from throughout the division. The participants are asked for their ideas and suggestions on ways to improve safety performance. Enhancement of safety meetings has been a major activity of the roundtable group discussions.

Thompson said review and upgrade of the Division's safety suggestion system has resulted in resolution of several open suggestions. At the end of July, the Division had no open safety suggestions. He said any time an employee submits a safety suggestion, the supervisor and Greg Bell, the Safety Specialist, meet with the employee, get the information required and attempt to resolve the suggestion within 24 hours. This quick response has enhanced the credibility of the system and led to more participation.

The following GPS people were recognized for working 10 years injury

B. N. Adams W. L. Allen H.C. Anderson L. F. Arnett J. R. Atherton F. E. Baggett M. T. Bailey F. D. Baker T. V. Bateman J. E. Bell P. L. Bell M. L. Benton R. E. Benton W. K. Bickham K. R. Bishop G. D. Bray S. E. Bridgett H G Brown J. W. Brown W. O. Brucker T. W. Burnett J. L. Burr R. K. Byers C. T. Cannon C. S. Carrigan M. R. Carter M. L. Cash P. F. Cathcart P. W. Clark M. L. Coates R. A. Cole J. D. Cooper C. W. Cope C. E. Cornwell J. V. Dew D. E. Dowdy G. P. Duncan J. E. Duncan C. D. Felts R. F. Fields D. L. Fischer D. R. Fuller L. W. Garrison, Jr. J. T. Giltner J. R. Glisson J. R. Grim T. R. Grubbs W. B. Hammond H. W. Handley G. K. Harman J. D. Harris N. Heady

H. R. Hellin

M. P. Henry

G. R. Holland

W. J. Holliman

P. S. Hutchins

J. D. Jackson

D. R. Johnson

F. Johnson, Jr.

S. A. Johnson

L. S. Johnson, Jr.

C. E. Jewell

G. W. Hutchinson

R. E. Holler

B. W. Hulen

C. Hixon

B. E. Jones B. J. Keeling P. R. Kelley E. W. Kincer J. W. Koneman D. H. Korte M. D. Lasher J D Lewis A. A. Mack R. L. Martin R. B. McMunn L. J. McReynolds R. F. Meriweather D. L. Miles O. J. Mitchell R. B. Mitchell P. C. Mosley J. W. Murdock T. A. Nelson R. J. Pease J. R. Pecbles J. W. Powell M. L. Pullen L. S. Randolph J. M. Reed M. E. Robbins D. R. Sampson B. L. Sanders C. E. Sanders J. K. Sayre R. E. Scoggins L. K. Shewcraft S. Shuemaker R. B. Sills C. C. Skidmore J. L. Smith R. E. Smith M. W. Soper M. L. Steger B. W. Stigall W. Stokes C. F. Stone R. A. Stringer L. D. Sullivan, Jr. L. H. Sullivan F. D. Thomas J. H. Thomas D. L. Thompson T. P. Thompson D. E. Throgmorton M. L. Tyler S. L. Tyler W. J. Vaughn

C. Vasser

J. M. Wallace

R. E. Waltmon

L. B. Warford

J. W. Warner

J. A. Wiggins

R. D. Wiggins

T. L. Wilson

K. E. Wurth

C. Woods

C. E. Wilkinson

T. P. Wright, Jr.

J. E. White

Cascade Operations challenges employees

At the beginning of this year, Portsmouth's Cascade Operations Division, managed by Steve Pullins, challenged its employees to reduce the division's Recordable Injury/Illness (RII) Rate in 1993 by 25 percent as compared to the 1992 rate. Individual department goals were distributed to division employees this past spring, challenging each department to reduce its RII rate by 50 percent in comparison to 1992 statistics in order to help the division meet this goal. Those departments which had no RII's in 1992 were given the goal of maintaining their 0.00 rate.

Employees of those departments that meet or exceed their goals will be invited to attend (with a guest) a special recognition dinner in February 1994 at the Shawnee State Park Lodge. The exact date will be announced later.

Ken Lauderback, Safety Coordinator for the division, is coordinating the contest. As of September, he said that 11 of the 24 departments in the division remained eligible for the dinner. They included Cascade Operations (801), Cascade Division Services (803), Integrated Planning and Scheduling (805), Cascade Training (807), '000' Cascade (811), Cascade Coordination (817), HEU Cascade Chemical Operations (820), X-340 Complex Maintenance (839), Cascade Operations Engineering and Technical Support (840), Enrichment Planning and Analysis (845), '000' Cascade Custodial (851) and HEU Cascade Custodial (854). A total of 177 employees are currently eligible for the award.

For further information about this challenge, contact Lauderback at extension 3021. Look for the results in a future issue of **Uranium** Enrichment News.

Obituaries

Glorine Clark, 68, Portsmouth, August 23. Clark was a Janitor at Portsmouth when she retired in October 1990 after more than five years of service. She was also the widow of Andrew T. Clark Jr., a former Laborer at the plant who passed away in April 1986. She is survived by a son and three daughters.

Julie Beth Claus, 27, Paducah, August 13. She was a Procedures Writer in the Procedures System Management Department. She had worked at the plant for two years. Survivors include her mother and one sister.

John C. Mercer, 69, Portsmouth, August 6. Mercer was a Chemical Operator at Portsmouth when he retired in July 1987 after more than 22 years of service. Survivors include his wife, Thelma.



Claus

Pike County assists community needs (Continued from page 5)

to individuals. It is required to work through organizations such as the Waverly Study Club. Often when area school principals notice that children are in need of coats, clothing or shoes, they will contact the Pike County United Way which works through the Study Club to provide these needed items. "It is done very discreetly," Manson added, "so there is no embarrassment to the kids."

The Pike County United Way officers are careful to investigate all requests from agencies for increases in funds. Agencies must provide United Way with a breakdown of why the funds are needed. This helps United Way to prevent unnecessary administrative costs and ensure that as much money as possible

is going for the needs of Pike County.

Special circumstances often come up where money has to be allocated quickly. For instance, in September, the Community Action organization needed \$260 so that a five-year-old child from Beaver could have much needed surgery. The little boy had been in an accident which had injured the roof of his mouth. Without surgery, he was guaranteed to have a cleft palate for the rest of his life. Medicaid refused to pay because it considered the surgery to be cosmetic. Only one doctor in Columbus would even agree to attempt the surgery. However, the doctor would not perform the surgery until he had \$260 in advance. Pike County United Way gave Community Action the money that the boy needed, and he had the surgery the following day.

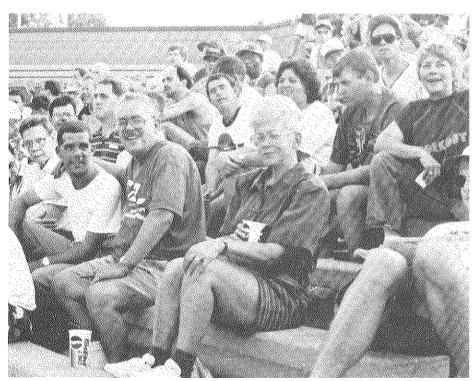
The following is a list of all the organizations that work with the Pike County United Way to meet the needs of its residents:

- Pike County Welfare House
- Waverly Study Club
- Pike County Recovery Council Pike County Youth Leagues
- (The Soccer League was recently added.)
- Crisis Fund, CAC of Pike County
- Pike County Home Health Program Medical Assistance Fund
- **Boy Scouts**
- Girl Scouts
- Pike County Senior Citizens Service Council
- Pike County Outreach Council
- Southern Ohio Legal Services Special Wish Foundation

Portsmouth conducts emergency exercise



Pike County emergency response teams assist a "victim" during "Emergency TeamWork '93." This full participation exercise, conducted at Portsmouth on August 21, simulated an onsite plane crash, a hazardous materials release and a large fire.



Take me out to the ball game

On August 14, the company and the Alomic Employees Credit Union sponsored Martin Marietta Night as the Portsmouth Explorers hosted the Chillicothe Paints with 200 Portsmouth and Atomic Employee Credit Union employees attending. On August 24, approximately 500 employees traveled to Chillicothe for a similar event. John Gedeon, who coordinated the events, is pictured above with some of the Good Shepherd Manor residents who received free tickets to the games from Martin Marietta and the Atomic Employees Credit Union.

Transition work at Portsmouth

(Continued from page 6)

ration and Waste Management needs and keep trash picked up along the roads on the reservation. Truck Drivers for Facility Services have continued to haul water and gravel as well as provide support to rigging crews, Waste Management crews and others.

Tom Lowe, Department Manager, Facility Services, feels that this may explain some delays other employees may have had in receiving services, such as delivery of new furniture.

Lowe is quick to point out that others have helped GPS in trying to accomplish so many moves at once. For example, Rick Boelens of Uranium Material Handling loaned them a van from the X-344 to help haul furniture to the various areas.

Lowe credits the GPS division with doing its part to "keep things running as efficiently as possible...they've done a good job.

On Saturday, August 21, nearly 500 people took part in "Emergency Teamwork '93", the third Emergency Teamwork Full Participation Exercise to be conducted at the Portsmouth plant. The exercise scenario presented a situation where an airplane crashed on plantsite causing a hazardous materials release and a large fire to develop.

Forty-one local, state and federal agencies participated in the exercise. These included Emergency Operations Centers that were activated by the United States Enrichment Corporation (USEC); the Department of Energy (DOE) Field Office at Oak Ridge, Tenn.; the Ohio Emergency Management Agency; Pike County Emergency Management Agency and the Portsmouth plant. In addition, off-site mutual aid forces participated, including both fire and emergency medical services. Students from Chillicothe High School played victims during the exercise.

The Joint Public Information Center (JPIC) was fully activated at the Vern Riffe (Pike County) Joint Vocational School to coordinate distribution of information to the media. News briefings were conducted for mock media participants, and citizen hotline and media phone banks were put into opcration.

This exercise fulfilled a requirement by DOE Order 5500.3A, "Planning and Preparedness for Operational Emergencies," that a full participation exercise be conducted annually to test and demonstrate an integrated emergency response capability.

The exercise was observed by a number of evaluators who will provide a report to the plant's Emergency Management Department.

In preparation for the August 21 exercise, a tableton exercise was conducted on July 21 at the vocational school. A tabletop exercise is a way to test one or more elements of an emergency management system by assembling the people involved in the response. An incident scenario is presented as if something had actually occurred with participants answering questions about their response. This promotes a common understanding of roles and responsibilities of the entire response sequence by all participants.

Besides employees of both Martin Marietta Utility Services, Inc., and Martin Marietta Energy Systems, Inc., participants in the tabletop and full participation exercises included:

State:

Federal:

Pike County Emergency Management Agency

Pike County Local Emergency Pianning Committee Pike County Emergency Medical Service

Pike County Engineer

Pike County Fire Fighters Association

Pike County Board of Health Chillicothe High School Vern Riffe Vocational School Pike County Sheriff

Pike Community Hospital Southern Ohio Medical Center Scioto County Emergency Management Agency Scioto County Local Emergency Planning Committee

Waverly Police Department Piketon Police Department

Fire Force LifeFlight

WPAY Radio

Ohlo Emergency Management Agency

Ohlo Environmental Protection Agency Ohio Department of Health

Ohio Department of Transportation Ohio State Highway Patrol
DOE Portsmouth Enrichment Office

DOE-Oak Ridge Field Office DOE Headquarters

USEC Portsmouth Site Office

USEC Headquarters

911 coming to Portsmouth

The Portsmouth plant is getting a new emergency phone system. Starting on October 18, employees should dial 911 (instead of 555 or 5555) on any plant phone whenever they need to report an emergency

Whenever 911 is dialed, the phone call will be picked up by both the Plant Shift Superintendent's Office and the Fire Department. The call will also be recorded.

Emergency response personnel will be able to track the caller's location in case the call is placed but the caller is unable to speak into the telephone. For contractors with 289 extensions, 911 can be dialed but will ring in at the Pike County Sheriff's Office. He will in turn notify plant personnel.

More information about the 911 system will be available on "The Open Line" and SCOOP as it becomes available. In addition, information will be distributed at the Fire Department's Open House during Fire Prevention Week.

Fire Prevention Week activities planned

Both the Portsmouth and Paducah plants have several activities planned during Fire Prevention Week, October 3-9, to help employees learn more about the dangers posed by fire and what they can do to keep themselves and their families safe.

Fire Prevention Week is always held during the week that includes October 9, the anniversary of the Great Chicago Fire of 1871. That blaze killed 250 people, left 100,000 homeless, destroyed 17,340 buildings, and blackened 2,100 acres at a cost of \$168 million. This tragedy gave impetus to a national interest in fire safety and to improvements in fire fighting capability.

You can take part in Fire Prevention Week both at home and at work.

At home, install smoke detectors or check the batteries in your present detectors. Buy new fire extinguishers, or check the ones you have to be sure they are properly charged. Develop a home escape plan, and practice it with your family. Teach children how to call the fire department.

At work, know the location of the two exits closest to your work area. Count doors, desks or other markers between your work area and the exit. During a fire, you may have to find your way out in the dark. Be familiar with the evacuation plan for your building.

Know the location of the nearest fire alarm and learn how to use it. Post the fire department emergency number on your telephone. During a fire emergency, sound the alarm—no matter how small the fire appears to be—and escape quickly.

Be sure that other members of your group and your supervisor know of any disability that could delay your escape in an emergency, and be sure that plans have been made for your safe evacuation.

As you leave, close doors to help contain the fire and smoke. Do not explore the area. Go to the nearest exit that is not blocked by fire. Follow directions from emergency response people. Once you have escaped the fire, move away from the building and stay out of the way of firefighters.

At Paducah:

"Get out, stay out, your fire-safe response," is the theme for Fire Prevention Week 1993 at Paducah where everyone is encouraged to see "Fire Power," a presentation that shows how smoke detectors save lives. Check your division office for a viewing schedule. The Fire Services Department will have its fire fighting equipment on display throughout the week just east of the C-200 Building. The equipment is impressive and very interesting to those of us who usually see fire fighting equipment only on the evening news.

Hands-on fire extinguisher demonstrations will be held in the same area at Paducah every day. Watch InsideP for details. Observers will learn how to use an extinguisher, what fire extinguishers can be expected to do and which is the right extinguisher for the various kinds of fires (electrical, grease, etc.). Prize drawings will also be held during the week. Expect a plantwide fire drill, too.

At Portsmouth:

This year, Portsmouth's theme is



The plants' emergency squads must be ready to provide assistance in all kinds of situations, including fires and accidents involving hazardous materials. Here, members of Paducah's Emergency Squad wear protective clothing while practicing a rescue during hazardous material training. The plant worked with Murray State University to develop the training curriculum.

"Home Fires Kill. Get Out. Stay Out." Fire Protection Services is planning an Open House at the Fire Department (X-1007) on Wednesday, October 6, and Thursday, October 7, from 10 a.m. until 2 p.m.

Several activities are planned. On October 6, LifeFlight will visit the fire station. On October 7, Fire Protection personnel will be using a Hurst tool along with a new cutting tool to demonstrate the extrication of personnel from a vehicle. Also on the 7th, they are

planning "water games" where visitors will be allowed to actually don turnout gear and see what it's like to be a member of the plant's Fire Department. If it rains on October 6, the schedule of activities will be reversed.

In addition, refreshments will be available, and several door prizes will be given away. Also, new information on the 911 system that will be implemented across plantsite on October 18 will be available.

Portsmouth uses burn trailer to simulate disaster

When "Emergency Teamwork '93," was conducted at Portsmouth on August 21, the exercise scenario simulated a situation where an airplane crashed in the area of the X-744G,

triggering a fire. Emergency Management personnel were actually able to simulate a burning airplane by using a Flammable Liquid Simulator or "mobile burn trailer" to make the disaster

Local fire fighters practice fighting a blaze generated by a Flammable Liquid Simulator at Portsmouth as part of training that the plant provided to members of the Pike County Fire Fighters Association.

seem like reality and to provide valuable training for local fire fighters.

The burn trailer folds out to a 24-foot by 24-foot unit. The trailer is subdivided into three 24 by 8-foot sections that are filled with approximately eight inches of water. A catwalk extends out approximately 10 feet into the middle section. A live fire is generated by bubbling liquid propane up through the water. Safety valves control the flow of propane allowing the Training Officer to either increase or decrease the amount of flames. An emergency shut-off valve can be used to immediately shut down the burn trailer if necessary.

By using a ramp, fire fighters can walk up on the trailer and gain access to the catwalk that extends out from the ramp to the center of the trailer. The Training Officer controls the fire based on the fire fighting tactics. Once the fire fighter demonstrates the appropriate strategy to attack the fire, the propane is adjusted and extinguished.

Not only did the burn trailer provide practice in fire fighting during the Aug. 21 exercise, but MMUS also used it to

provide training for members of the Pike County Fire Fighters Association, of which MMUS is a member. This training helped strengthen skills relating to water movement, hoselines and

decision making.

Approximately 90 fire fighters from the Pike County Fire Fighters Association participated. Fire departments that were represented included Jackson Township, Beaver, Pebble Township, Stockdale, Benton Township, Waverly, Piketon-Seal, Scioto Township and the MMUS Fire Department. The training took place during four sessions in August and three sessions during the first week of September.

The burn trailer is owned and operated by Gene Shepherd who is also the inventor. He owns and operates Fire Force of Groveport. Shepherd is certified by the State of Ohio as a Fire Service Instructor and conducts training in accordance with National Fire Protection Association standards. He was assisted by Bryan Morse who served as Safety Officer. Their combined fire fighting experience totals approximately 40 years.

Energy Systems benefit plans for 1992

[The 1992 benefit plans report has been prepared in accordance with instructions from the U.S. Department of Labor and is required by the Employee Retirement Income Security Act of 1974.]

This special section summarizes annual reports of various Martin Marietta Energy Systems Inc. benefit plans for 1992 and is written in language specified under regulations prepared by the U.S. Department of Labor. Complete annual reports for the

- 🏿 insurance plans,
- * savings plans, and
- retirement program plan have been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act (ERISA) of 1974.

The employer identification number for the insurance plans, retirement program plan and savings program is 52-1318516.

Summary annual report

1992 insurance plans

This is a summary of the annual reports for the insurance plans listed below. The plans have contracts with the insurance carriers shown to pay all claims incurred under the terms of the plans. The group life plan is a so-called "experience-rated" contract, so the premium costs are affected by, among other things, the number and size of claims.

Plan Name	Insurance Carrier	Total premiuns paid in 1992	Total benefits paid in 1992
Group life insurance	Metropolitan Life Insurance Company	\$ 9,619,326	\$ 10,249,709
Business travel accident insurance	Life Insurance Company of North America	\$ 35,646	\$ 0
Special accident insurance	Life Insurance Company of North America	\$ 1,125,620	\$ 611,000

Medical plan

The employee medical plan operates under a contract between Martin Marietta Energy Systems Inc., and Connecticut General Life Insurance Company, which provides that Energy Systems will supply funds for the payment of all claims due under the terms of the plan, up to a specified maximum determined each plan year. For the plan year 1992, the maximum was \$107,679,950. In addition, the plan has an insurance contract with Connecticut General that guarantees the payment by Connecticut General of all claims incurred under the plan that may exceed the maximum and also provides for all claims administration.

The total insurance premiums paid for the plan year ended December 31, 1992, were \$5,383,997. In addition, Energy Systems supplied funds of \$88,522,131 to Connecticut General for payment of claims resulting in total plan costs of \$93,906,128.

As an alternative to the Health Benefits Program, you may elect membership in a Health Maintenance Organization. Energy Systems has entered into agreements with HMO's to provide a variety of health care services to its members for a fixed, prepaid fee. For the plan year 1992, the total fees paid by Energy Systems were \$10,546,253.

Pre-tax medical premium contribution plan

The pre-tax medical premium contribution plan provides for employee contributions toward the cost of medical coverage with before-tax dollars. Before-tax contributions are deducted from pay before federal income taxes and Social Security taxes are withheld, resulting in a lower actual cost to the employee. For the plan year 1992, there were 17,730 participants who contributed \$8,126,587 to the medical plan with before-tax dollars.

Dental expense assistance plan

The dental expense assistance plan operates under a contract between Martin Marietta Energy Systems Inc. and the Metropolitan Life Insurance Company, which provides that Energy Systems will supply funds for the payment of all claims due under the terms of the plan, up to a specified maximum determined each plan year.

For the plan year ended December 31, 1992, the maximum was \$8,699,894. In addition, the plan has an insurance contract with Metropolitan that guaran-

tees the payment by Metropolitan of all claims incurred under the plan that may exceed the maximum and also provides for all claims administration.

The total insurance premiums paid for the plan year ended December 31, 1992, were \$844,261. In addition, Energy Systems supplied funds of \$7,286,481 to Metropolitan for payment of claims resulting in total plan costs of \$8,130,742.

Employee assistance program

The Employee Assistance Program operates under a contract between Energy Systems and ASSURED Health Systems Inc., which provides that Energy Systems will supply all funds for the services available to employees. The EAP provides confidential assessment, referral and, if appropriate, counseling services for problems that affect personal life, job or health. For the plan year ended December 31, 1992, the fees paid totalled \$431,084.

Your right to additional information

Participants in an insurance plan have the right to receive a copy of the full annual report, or any part of it, on request. Included in that report is insurance information.

Savings program

This is a summary of the annual reports of the savings plans for 1992, including basic financial statements.

Savings plan for salaried and hourly employees

Benefits under the savings plan for salaried and hourly employees are provided by trust and annuity contracts. Plan expenses were \$23,474,880 in benefits paid to participants and beneficiaries. A total of 14,011 persons were participants in or beneficiaries of the plan at the end of the plan year, although not all of these persons had yet earned the right to receive benefits.

The value of plan assets, after subtracting plan liabilities, was \$298,787,373 as of December 31, 1992, compared to \$268,881,955 as of January 1, 1992. During the plan year, the plan experienced an increase in net assets of \$29,905,418. This increase includes unrealized appreciation or depreciation in the value of the plan assets; that is, the difference between the value of the plan assets at the end of the year and the value of the assets at the beginning of the year or the cost of assets acquired during the year.

The plan had total income of \$53,380,298, including employer contributions of \$5,519,803; employee contributions of \$22,354,007; gains of \$52,708 from the sale of assets; and earnings from investments of \$25,453,780.

401(k) savings plan for salaried employees

Benefits under the 401(k) savings plan for salaried employees are provided by trust and annuity contracts. Plan expenses were \$6,900,241 in benefits paid to participants and beneficiaries. A total of 9,156 persons were participants in or beneficiaries of the plan at the end of the plan year, although not all of these persons had yet earned the right to receive benefits.

The value of plan assets, after subtracting liabilities of the plan, was \$274,564,801 as of December 31, 1992, compared to \$217,620,338 as of January 1, 1992.

During the plan year, the plan experienced an increase in net assets of \$56,944,463. This increase includes appreciation or depreciation in the value of the plan assets; that is, the difference between the value of the plan assets at the end of the year and the value of the assets at the beginning of the year or the cost of assets acquired during the year. The plan had total income of \$63,844,528, including employer contributions of \$8,531,847; employee contributions of \$32,145,045; gains of \$33,112 from the sale of assets; and earnings from investments of \$23,134,524.

401(k) savings plan for hourly employees

Benefits under the 401(k) savings plan for hourly employees are provided by trust and annuity contracts. Plan expenses were \$1,212,457 in benefits paid to participants and beneficiaries. A total of 2,581 persons were participants in or beneficiaries of the plan at the end of the plan year, although not all of these persons had yet earned the right to receive benefits.

The value of plan assets, after subtracting liabilities of the plan, was \$43,246,076

Benefits

(Continued from page 10)

as of December 31, 1992, compared to \$34,613,622 as of January 1, 1992. During the plan year, the plan experienced an increase in net assets of \$8,632,454. This increase includes unrealized appreciation or depreciation in the value of the plan assets; that is, the difference between the value of the plan assets at the end of the year and the value of the assets at the beginning of the year or the cost of assets acquired during the year. The plan had total income of \$9,844,911, including employer contributions of \$1,471,982; employee contributions of \$4,972,919; gains of \$11,443 from the sale of assets; and earnings from investments of \$3,388,566.

Your right to additional information

Each participant has the right to receive a copy of the full annual report, or any part of it, on request. The items listed below are included in that report:

· an accountant's report,

* assets held for investment, and

• transactions in excess of five percent of plan assets.

Retirement program

This is a summary of the annual report for the retirement program plan for 1992.

Basic financial statement

Benefits under the plan are provided by group annuity contracts. Plan expenses were \$90,604,171. These expenses include \$87,933,419 in benefits paid to participants and beneficiaries and to purchase benefits, and \$2,670,752 in administrative expenses. A total of 22,631 persons were participants in or beneficiaries of the plan at the end of the plan year, although not all of these persons had yet earned the right to receive benefits.

The value of plan assets, after subtracting liabilities of the plan, was \$1,967,439,655 as of December 31, 1992, compared to \$1,913,866,034 as of January 1, 1992. During the plan year, the plan experienced an increase in its

net assets of \$53,573,621.

The plan had total income of \$144,187,573, including employee contributions

of \$9,695, and earnings from investments of \$144,177,878.

The plan has contracts with the Metropolitan Life Insurance Company and the Prudential Insurance Company of America. The assets of the plan are invested in either the General Account or Separate Accounts of the insurer in accordance with the contract terms.

Minimum funding standards

An actuary's statement shows that enough money was contributed to the plan to keep it funded in accordance with the minimum funding standards of ERISA.

Your right to additional information

Participants have the right to receive a copy of the full annual report, or any part of it, on request. The items listed below are included in that report:

* an accountant's report,

· assets held for investment,

• insurance information,

• actuarial information regarding the funding of the plan, and

· transactions in excess of five percent of plan assets.

For more detailed information

To obtain a copy of the full or partial annual reports for the insurance plans, retirement program plan or savings program, write to Plans Administrator: Assistant Treasurer, Martin Marietta Energy Systems Inc., P.O. Box 2003, Oak Ridge, TN 37831-7037. Copying costs are 25 cents per individual page; \$4 for the complete insurance plans; \$5 for each savings plan annual report; and \$10 for the entire retirement program plan annual report.

With regard specifically to the retirement program plan and savings plans, participants have the right to receive from the plan administrator, on request and at no charge, a statement of the assets and liabilities of the plan and accompanying notes, a statement of income and expenses of the plan and accompanying

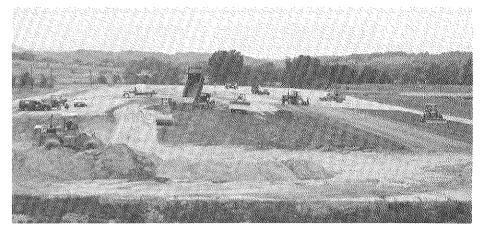
notes, or both.

For each participant requesting a copy of the full annual report, these two statements and accompanying notes will be included as part of that report. The copying cost previously mentioned does not include a charge for duplicating these portions of the report because they are furnished without charge.

Participants also have the legally protected right to examine the insurance, savings or retirement program plan annual reports at the main office, located in the Chinn Building, 78A Mitchell Road, Oak Ridge, Tenn., and at the U.S.

Department of Labor in Washington, D.C.

Participants also may obtain copies from the U.S. Department of Labor upon payment of copying costs. Requests to the Department of Labor should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Frances Perkins Department of Labor Building, 200 Constitution Avenue, N.W., Washington, DC 20216.



Clay soil is unloaded and compacted over the classified waste landfill located just south of the X-100 Administration Building. Work progresses to cap the landfill with a multi-layered soil cover and synthetic liner as approved by the Ohio EPA. Construction is expected to be completed this fall.

Construction is nearing completion

Construction to close a classified waste disposal site at the Portsmouth plant is scheduled for completion this fall.

The first phase of construction, a drainage system to catch surface water runoff, began this past January and was finished in May. Work on the second and final phase, a multi-layered clay cap, began in mid-May.

The Ohio Environmental Protection Agency has approved plans to close the classified waste site as part of the ongoing environmental restoration program at the plant. The plans include installing a clay cover, or "cap," consisting of fill dirt, compacted clay, a synthetic liner (to prevent water from sceping into the buried waste), sand, a geotextile liner (a permeable synthetic material to add stability to the soil layer) and a soil cover topped with grass. The cap is designed to prevent infiltration of surface water into the waste site and promote rainfall runoff.

Work was to be completed last April. However, once construction of the cap began, it was discovered that areas of the original soil cover had settled. This required extra measures to build a secure foundation for the cap. More than 18,000 tons of stone were used to stabilize the cap.

Gary Shular, Project Manager, Martin Marietta Energy Systems, Inc., said, "A high priority was given to stabilizing the site to ensure cap integrity far into the future. An additional month was used for construction to completely satisfy all of the engineering requirements."

Currently, the clay layer is almost complete, and work on the liner was expected to start in September.

The classified waste disposal site, located south of the plant's main administration building, was used from the 1950's until late 1988 to bury classified wastes at the facility, including computer tapes, shredded documents and classified process equipment.

Process equipment was cleaned before burial in the six-acre disposal site. To prevent the possible spread of any residual contamination, the landfill was closed with all buried material left undisturbed. Results from 10 monitoring wells have indicated no contamination in the groundwater under the site.

New Employees

Paducah August 2

Kay Elizabeth Deuschle, Health Physics. Mitchell Ralph Holliman, CUP Maintenance Support. Michael Douglas Ragland, Safety and Health Engineer. Randy Joe Davis, Environmental Monitoring, MMES.

August 9

James Roy Lambert, Quality Systems.

August 23

Henry Fredrick Harrington, Jr., Health Physics. Anita Sue Bassett, Environmental Restoration, MMES.

August 30

Charles Jack Rogers, Engineering and Technical Support.

Portsmouth

August 16
James W. Beatty, Laundry Operations.

September 7

Rita M. Fairchild, Purchasing.

September 13

Jeri L. Elder, ER Administrative Services.

Recreation Corner

Softball Tournament - Portsmouth

The Chem Ops and Guards captured the Men's Softball crown on August 28 at Jake's Park in Waverly. Both teams were declared co-champions. Buck and Shirley Walter co-chaired the event.

Members of the Chem Ops included Ron Crabtree, Bryant Lybrook, Kevin Clausing, Jodie Elswick, Rusty Cosby. Mark Conkel, Jeff Woodard (captain), Roger Cosby, Jerry Rider, Mitch Helms, Mike Beatty, Steve Reinhardt, Mike Smith, Mike Parker and Greg Johnson. Members of the Guards included Rich Henderson, Tim Knauff (captain), Greg Collier, Rick Howard, Bill Netter, Mike Rinehart, Evan Brown, Ron Knauff, Ed Purpero, Larry Liggins, Reggie Netter and Tom Branaum.

The Stud Mussins grabbed the Co-Ed portion of the softball tournament. Buck and Shirley also co-chaired this The team included Elaine Rinehart (captain), Rich Henderson, Ed Purpero, Tim Knauff, Mike Rinehart, Bill Netter, Evan Brown, Toni Brooks,

Betsy Henderson, Reggie Netter, Dave Davis, Karen Davis, Julie Quesenberry and Lisa Knauff.

Golf League Champions - Portsmouth

The Portsmouth Monday Night Golf League concluded its regular 1993 Golf League on August 30 at the Elks Country Club. The 1993 champions, determined by a playoff, were Terry Easter. Tom Robertson (who used Tim Burton as a sub), Bill Wolery and Lynn Savage. They played the team of Steve Giles. Ron Browning, Paul Phillips and Tom Harr.

The League Champions were provided a letter of invitation to the Employee Activities Committee's 1993 Sports Recognition Banquet, while the runners-up received gift certificates. The Monday Night Golf League celebrated another successful season of good golf with very high attendance by league members with a cookout, scramble and skill events on August 23. The League consists of eight fourman teams. Waverly and Chillicothe also have golf leagues.



The "Stud Muffins" grabbed the Co-Ed portion of Portsmouth's company softball tournament in August. Buck and Shirley Walter, co-chairs of the tournament, pose above with the winners which included (front) Julie Quesenberry, Toni Brooks, Lisa Knauff, Elaine Rinehart, Betsy Henderson, (back) (Shirley Walter), Bill Netter, Evan Brown, Tim Knauff, Mike Rinehart, Rich Henderson and (Buck Walter.) Not pictured are Ed Purpero, Reggie Netter, Dave Davis and Karen Davis.

New Arrivals

Paducah

Daughter, Maci Katherine, June 30, to Terry and Patti Fletcher. Terry works in Waste Management Operations.

Daughter, Kara Marie, August 5, to Stephen and Julie Cordes. Stephen works in Environmental Restoration, MMES.

Daughter, Alexis Renae, August 11, to Dan and Gail Watson. Dan works in the Waste Management Coordination Department.

Son, Robert Lloyd, August 23, to Gary F. and Dottie Jones. Dottie works in Waste Management Operations.

Son, Clark Thomas, August 28, to Chris and Tracey Travis. Chris works in the Environmental Compliance Department.

Portsmouth

Daughter, Sara Elizabeth, July 5, to Kevin and Abby Puckett. Kevin works in Health Physics.

Son, Christopher James, August 3, to James and Hilda Litteral. James works in the Radiochemistry Department.

Daughter, Rebekah Michal, August 9, to James and Ruthie Carter. Ruthie works in Accounting.

Daughter, Michele Kristyne, August 9, to Dean and Kristyne Schambs. Dean works in the Police Department.

Son, Ethan Bradford, August 12, to Larry and Juli Cutlip. Larry works in the '000' Cascade.

Daughter, Mekenna Dawn, August 14, to Tony and Shannan Dement. Tony

works in Purchasing.
Son, Garrett Nicholas, August 21, to Delmar (Environmental and Waste Management Technical Support) and Tammy (METS Training) Scowden.

Literacy program teaches adults to read

(Continued from page 4)

read at the eighth grade level or below. He said that about 10 percent of the people his agency helps can't read at all when they start. Boston noted that illiteracy is often part of a family cycleparents who can't read have children who can't read.

Nationwide, more than 27 million people are functionally illiterate. They lack fundamental reading and writing skills necessary to address an envelope, read a newspaper, or fill out a job application. Experts point out that illiteracy is a key component of a complex web of social issues ranging from unemployment and juvenile delinquency to teen pregnancy and welfare dependency.

The McCracken County Literacy Project is the newest member of the United Way family. This service offers literacy training to people age 16 and older who are not enrolled in a school program or who read below the sixthgrade level.

The program matches students with a volunteer tutor. Student and tutor meet regularly in a convenient place, frequently the library, and after a while the tutors and students develop a special relationship. The agency has 73 students and 43 volunteer tutors. Most students are age 30 to 40.

"This is one of the most rewarding jobs I've ever had," Boston said. "To be able to help someone that has struggled through life without the ability to read, and to see their face light up when the words start coming easy, it's just great."

Boston said the United Way funding is a great asset. "With the United Way's help, we've been able to buy interesting reading material to make reading fun for the students. That is one of the

keys. If you make it fun and interesting the students are more likely to continue to learn."

United Way of Paducah-McCracken County has joined the United Way of America in developing strategies for eliminating illiteracy. Their goal is to solve our nation's illiteracy problem by the year 2010.

For more information, or to get involved, call Boston at (502)443-1466. The Literacy Project needs volunteer tutors (training is available) as well as computers for its reading laboratory, books and funds to purchase software.

Service Milestones

October 1993 Paducah

40 years-James Shaughnessy. 25 years--Phillip Cooper, Charles E. Cornwell, Clarence Fields, Robert Martin, Robert McMunn and Carl Woodford.

20 years--William Alsip, Gary Bobo, Larry Burkhart, Harold Duren, Jesse Glisson, Jim Goforth (ERWM), Thomas Kenney, Stephen Lewis, Arthur Mack, Harold Mallory, David Painter, Marshall Pullen, Earl Řiley, David Shelby, Dean Terry and David Thompson.

10 years--William Black, Julie Cothran and Sonia Stahr.

5 years--Brad Crowder, Johnny Elrod, Robert Fulton, Timothy Gross, Calvin Keyes, Gwendoline Peyton, Christopher Shockley, Trent Travis, Donald Ulrich (ERWM) and Todd Walker.

Portsmouth

40 years—Donald E. Gilmore, James

D. Scott and Ramey N. Hoskins Jr. 25 years-Barry L. Valentine.

20 years--Myron D. Cofer, Thomas J. Hickman, Tommy M. Schilling, Lawrence R. Tieman, Dewey E. Conley, Marvin E. Maynard and Roy L. Hardin.

15 years--Roger D. Taylor, Ronnie E. Stone, Eugene C. Seesholtz, Judith A. Landrum, Joyce E. Netter, Jo R. Davis, Sandra I. Riley, Laverne J. Underwood, Robert W. Jordan, Charles R. Banks, Carrie L. Martin and Paul E. Horsley. 10 years--Edward A. Engle.

5 years-Debra L. Gleason, Timothy W. Arnold, Steven D. Cole, Jacqueline G. Trusty, James H. Gatrell, David T. Mathews II, Shannon M. Gee, Michael K. Williams, Richard K. Foster, Geraldene Hill, Kenneth R. Adkins, Carl E. Munn Jr., Danny E. Stephens, Josephine C. Fagan, George R. Gilbert, Robert D. Rogers and Charles A. Seidel. Piketon, Ohio BULK RATE U.S. Postage P. A. I. D. Permit No. 11

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