

Uranium Enrichment News

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Timbers testifies before U.S. Senate

The absence of an agreement of cooperation between the U.S. government and EURATOM (European Atomic Energy Community) would be detrimental to global nonproliferation, according to William H. Timbers, Jr.

Timbers, President and CEO of the United States Enrichment Corporation, testified before the Committee on Energy and Natural Resources of the United States Senate on September 29 at a hearing on the extension of the U.S.-EURATOM agreement for cooperation.

The EURATOM agreement is part of a vital framework of cooperative efforts that form the basis of international safeguards against the spread of nuclear arms, Timbers said. He added that the extension of this agreement is especially crucial to nations that have different views on spent fuel reprocessing because it provides common ground for dialogue and understanding.

In addition to having a damaging effect on global nonproliferation, Timbers indicated that the economic impact on USEC of a failure to conclude a new U.S.-EURATOM agreement would be significant...sales losses for USEC could approach \$2 billion over the next 10 years an estimate based on a loss of existing sales

commitments and new sales opportunities.

The lapse of the agreement would also place in jeopardy our sales to the Asian market, pointed out Timbers, which currently contribute nearly \$500 million to the U.S. balance of trade, with \$400 million coming from Japan.

Although Japan is not a member of EURATOM, it would be affected by the lapse of the U.S.-EURATOM agreement because it sends its U.S.-supplied fuel to Europe for reprocessing. Under the Nuclear Non-Proliferation Act of 1978, U.S.-supplied fuel cannot be shipped to a third country for reprocessing without an agreement for cooperation between the U.S. and that country.

Failure to renegotiate the EURATOM agreement would undermine a quarter century of trust and cooperation between the United States and Japan on nuclear matters, stated Timbers.

Timbers added that the approach proposed by the State Department long-term programmatic consent of certain activities such as reprocessing by EURATOM members is reasonable. This approach can serve to advance our collective goal for the United States to be viewed as a predictable and reliable partner for peaceful nuclear cooperation.



On September 29, the Committee on Energy and Natural Resources of the United States Senate held a hearing on the extension of the U.S.-EURATOM Agreement for Cooperation. Testifying before the committee were: (left to right) Charles B. Curtis, Under Secretary of the U.S. Department of Energy; Fred McGoldrick, Deputy Director of the Bureau of Political-Military Affairs of the U.S. Department of State; and William H. Timbers, Jr., President and Chief Executive Officer of the United States Enrichment Corporation, Bethesda, Md.

What is EURATOM?

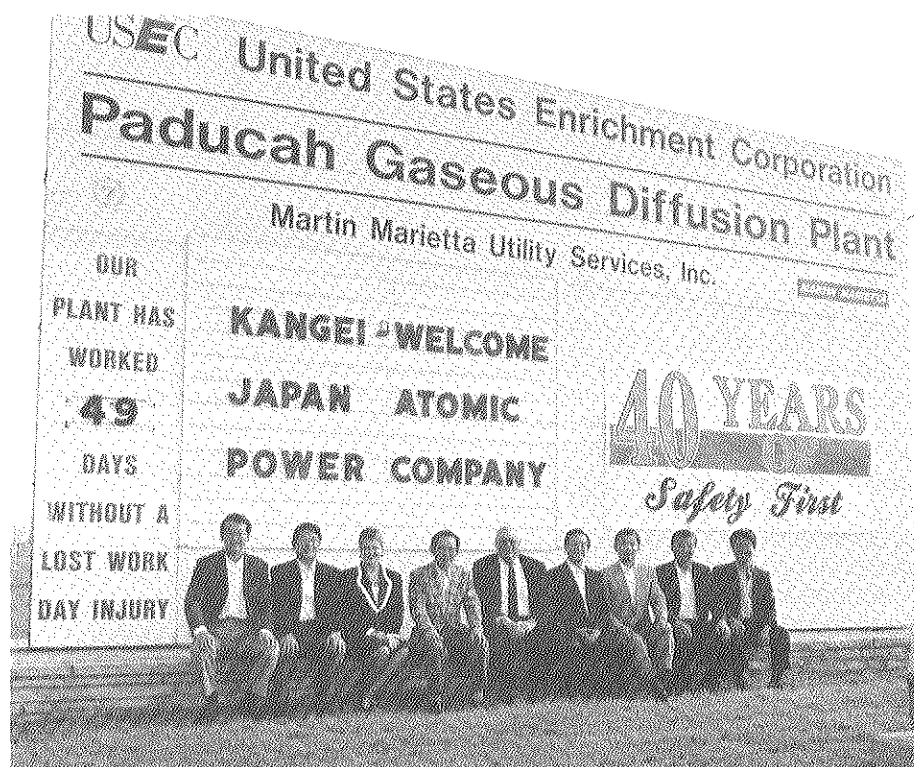
The European Atomic Energy Community (EURATOM) is the international organization responsible for supporting and safeguarding the development of peaceful uses of nuclear materials within the European Union. Current membership in EURATOM is comprised of: Belgium, France, Germany, Italy, Luxembourg, the Netherlands, Denmark, Ireland, the United Kingdom, Greece, Portugal and Spain. With the accession of Austria, and the likely accession of Finland and Sweden to the European Union on January 1, 1995, EURATOM membership will increase to 15.

The United States has worked closely with EURATOM since its formation in 1957. In 1960, the United States and EURATOM entered into an agreement that established conditions for nuclear trade between the parties. The U.S.-EURATOM agreement for cooperation provides a basis for cooperation in programs for the advancement of the peaceful applications of atomic energy.

The United States government and EURATOM are currently negotiating a successor to the current agreement for cooperation. Without this agreement, the United States would be unable to export nuclear power plant equipment or nuclear materials to Europe.

The new agreement of cooperation must comply with the Nuclear Non-Proliferation Act of 1978, which requires that all nuclear cooperation agreements guarantee a right of prior consent by the U.S. for reprocessing of U.S.-origin material. EURATOM believes the U.S. should waive the right of prior consent because it views itself as an equal nuclear partner with the U.S. and possesses an equal commitment to non-proliferation.

For trade to continue uninterrupted, negotiations must be concluded and the required review by President Clinton and Congress must be completed before the current agreement expires December 31, 1995.



JAPC visits Paducah

Earlier in the fall, Kiyoyuki Takezaki (center), General Manager of the Purchasing and Contract Department for the Japan Atomic Power Company (JAPC), was the honored guest during a tour of the Paducah plant. Also pictured are Elaine Vallejos and Dr. Robert Hobson of USEC's Asian Branch, along with Toshimichi Sato and Takanao Nishimoto also with JAPC, and gentlemen representing Mitsubishi and Mitsui trading companies. USEC supplies enrichment services for JAPC's three nuclear reactors.

How does USEC plan to privatize?

Editor's Note: Efforts are underway within the United States Enrichment Corporation, under the direction of Hal Shelton, USEC's Chief Financial Officer, to prepare a privatization plan for submission to the President and Congress in 1995. Privatization, if approved, will change the way USEC does business in the years to come. This is the first in a series of articles that will appear in Uranium Enrichment News exploring USEC's plans for privatization.

Background

The Energy Policy Act of 1992 established USEC as a government corporation to take over certain operations of the Department of Energy's uranium enrichment program on July 1, 1993. The establishment of USEC was intended to be the first step toward full privatization.

The Act requires USEC to submit a plan for privatization to the President and Congress within two years of the transition date. According to Shelton, the plan will require presidential approval, congressional support and investor acceptance before USEC can become a private enterprise.

Different Forms of Privatization

What is privatization? Simply put, privatization involves the transfer of ownership of a public enterprise to the private sector. If the government's ownership in an

enterprise is through stock—as in the case of USEC—then there are a number of ways the business or activity can be privatized. Here are some possible ways:

Sale of stock: The sale can be either privately negotiated or it can be publicly offered.

Privately negotiated sale of stock: It is possible that one or several investors may be interested in acquiring ownership of USEC by purchasing its stock. In this case, a broker would act as an intermediary between the buyer(s) and the seller (the U.S. Treasury) to work out mutually acceptable terms. Example: In 1984 the Chevron Corporation bought Gulf Oil's stock at \$80 per share for \$13.3 billion.

Public sale of stock: The U.S. Treasury owns 30 million shares of USEC stock. If USEC were sold to the public, the stock would be available to any potential investor on the open market and its price would be determined by supply and demand. All proceeds from the sale would be retained by the U.S. Treasury since it is the sole stockholder. Example: A public stock offering was the method used to sell Conrail in 1987. At that time, the sale of 58,750,000

shares of stock netted the government \$1.65 billion.

Merger: A merger involves the consolidation of two or more firms. Usually, in a merger, the stock of both companies is replaced with the stock of a new third entity. Example: Lockheed and Martin Marietta is merging to form a new company—Lockheed Martin. In USEC's case, since the Treasury is not interested in re-

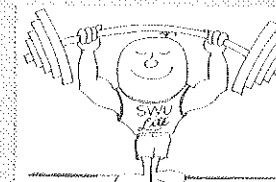
placing USEC stock with company x stock, a merger is not likely to occur.

Acquisition: An acquiring firm may buy some or all of the assets and liabilities of another firm at a negotiated price and incorporate these into its balance sheet without any stock transaction taking place. Example: Texaco's \$10.1 billion acquisition of Getty Oil in 1984.

(Continued on page 11)

Building a Lean Machine

Why it's critical to reduce costs now



by A. J. Frankel,
Cost Reduction Program Manager
Martin Marietta Utility Services, Inc.

In the last few issues of *Uranium Enrichment News*, we've talked about cost reduction in terms of ownership, participation, building a future for USEC/MMUS, and how a lot of other companies have traveled this road blazing a trail for us to follow. This month, I'd like to explore a different facet.

"Why now?" is a question articulated to me every day as I've walked around the Paducah and Portsmouth plantsites talking to people about the need to reduce costs and enumerable ways to accomplish this.

The "why now?" question is a fair one, particularly given that we've successfully operated both gaseous diffusion plants (GDPs) for some 40 years. The answer lies in nuclear electric utility fuel buying patterns and the successful build-up of a backlog of enriched uranium orders in the mid-1980s that will carry the two-plant GDP complex comfortably through about 1996. To

sustain our business past this point, we need new sales.

Today, nuclear electric utilities are contracting for enriched uranium three-to-five years in advance. This means that orders being placed at this very moment for delivery in 1997 and beyond are those that the USEC must win.

Production from our two GDPs is today's "high priced spread" in the marketplace. Sales opportunities can be missed because of this. All of our competition presently has lower production costs, which is why we must lower ours — today!

USEC/MMUS is committed to being in business for the long haul. We intend to win these orders. There are enumerable ways to reduce our costs sufficiently to achieve this goal.

Are we equal to the challenge? I believe we are. However, we must step up to it, own it, and make the hard choices about where we spend our monetary and human resources. And we must do it now. Questions? Contact me at (502)441-5857 or send E-mail to FRANKELAJ.

UE plants receive NMA charters

Paducah

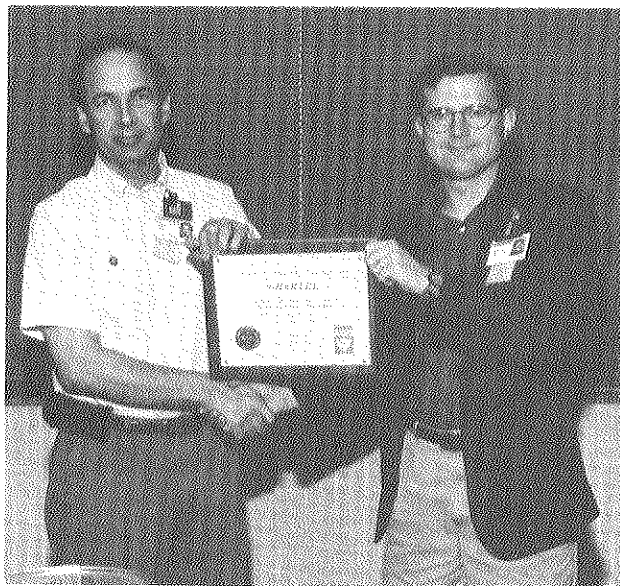
Paducah's Chapter of the National Management Association recently held a successful membership drive and picnic. Members chose an attractive wooded site along the plant entrance road for the event. Officers said they hoped the activity would let more people know about the organization and its plans to be a positive influence for change at the plant.

The theme of the membership drive was "Sharpen Your Saw," one of the seven habits for success advocated by famed author, Stephen Covey. Covey suggests people should devote time and energy to things that make them better people, thus "sharpening the saw." NMA likewise encourages its members to take part in a variety of development activities that enhance their personal and professional skills.

Guests enjoyed music, food and discussion of the many learning opportunities available to NMA members. Sharon Hagan and Russell Thomas won door prizes.

Portsmouth

On Tuesday, October 18, Portsmouth's chapter of the National Management Association (NMA) received its charter from Executive Vice President Tom LaPaze at the Charter Night Dinner in Chillicothe. Officers and members of the Board of Directors were also installed at the ceremony. The Board of Directors consists of



Paducah Plant Manager Steve Polston presented the plant's National Management Association chapter with its official charter recently. The charter indicates that the new chapter has completed all the national NMA requirements to be officially recognized as a member chapter. There are 64 charter members. The chapter sponsors a variety of educational programs for management development. Dr. John Dew, president of the Paducah NMA Chapter, and manager of the plant's Continuous Improvement program, accepts the award from Steve Polston.

Chairman Terry Hammond, Dale Allen, John Shoemaker, Don Ferryman and Bonnie Rumble. The officers are Bill Strunk, President; Frank Bullock, Vice President; Jim Harris, Secretary; and Sonia Singh, Treasurer. MMUS President W.E. Fields spoke at the dinner about the importance of the NMA organization to the overall goals of the Portsmouth facility. There are 60 charter members, and new members are always welcome to join the NMA. If you are interested, contact Sonia Singh at ext. 2169 or one of the other NMA officers.

USEC

MARTIN MARIETTA

Uranium Enrichment News

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The Road to NRC

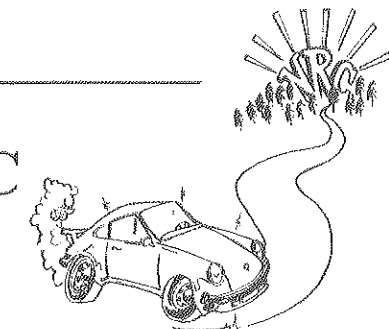
The NRC Assessment Process

To support the ambitious schedule for certification of the gaseous diffusion plants (GDPs) by October 1995, the Nuclear Regulatory Commission (NRC) has developed a plan to conduct an integrated assessment of the GDPs for all functional areas referenced in 10 CFR Part 76, "Certification of Gaseous Diffusion Plants." These pre-application assessments are intended to help NRC obtain the information needed for them to: 1) quickly review our certification applications, 2) participate in public meetings in June 1995, and 3) make a certification decision by October 1995.

A Joint Assessment Committee (JAC), composed of managers from NRC Region III in Chicago, Ill., and NRC Headquarters in Rockville, Md., will coordinate and approve the assessment activities. The pre-certification phase of the assessment consists of teams of NRC personnel which began visiting the GDPs in mid-October 1994 and will continue until April 1995, when USEC's Application for Certification and initial Compliance Plan are due for submittal to NRC.

In addition to these teams, the resident inspectors at each site will be performing resident observations and issuing reports prior to October 1995 when NRC becomes our regulator. During the assessment period, safety findings will be handled in accordance with the Memorandum of Understanding (MOU) between NRC and DOE, who is our current regulator. The observers will be assessing our present implementation of the programs and plans that are contained as functional areas in 10 CFR Part 76.

The functional areas that will be assessed are facility operations, nuclear criticality safety, safeguards and security, maintenance, radiation protection, radiation waste management, transportation, environmental protection, Material Control and Accountability, emergency preparedness,



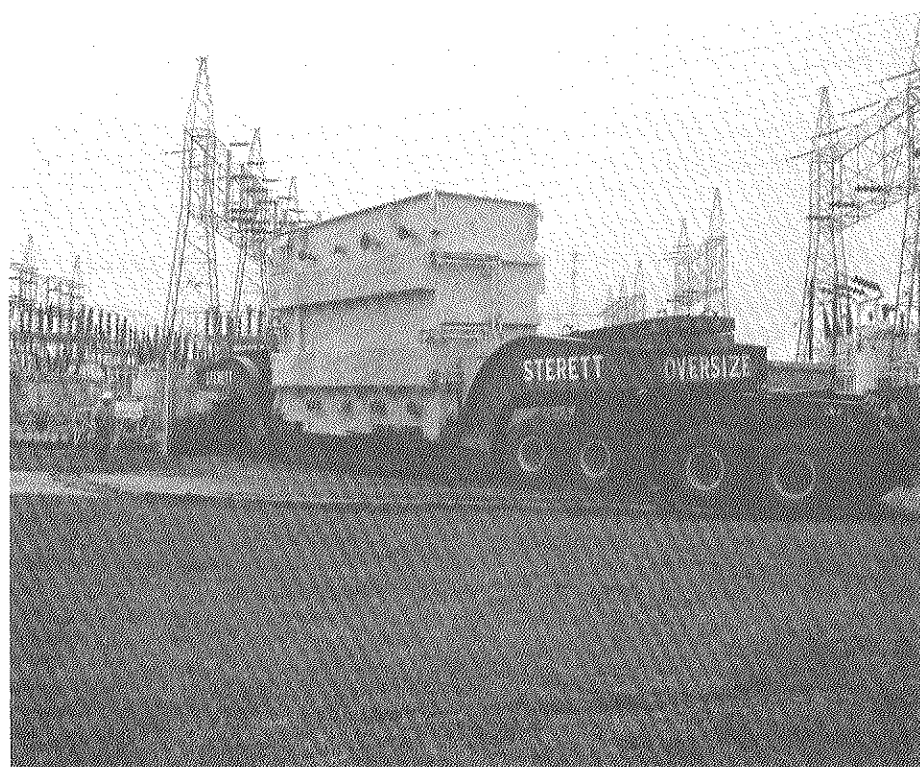
fire protection, chemical safety, management controls, quality assurance, self-assessment, training and qualifications, procedures, and configuration control.

The NRC assessors will be looking at organizational goals and objectives together with how they are implemented and understood at all levels of the organization; the level of understanding by all personnel regarding nuclear safety; the involvement of senior management in the day-to-day operation of the plants; the effectiveness of the safety review committees; and the problem-solving process.

The observations by the teams of assessors will be integrated into the observation reports issued by the Senior Resident Inspectors. The observation reports should be issued about every six weeks. The JAC will be performing an overall evaluation of each functional area, based upon the observations.

To prepare for these assessments, we are conducting a series of "red reviews" on the sections of the certification application. A "red review" is an interdisciplinary review by experts not directly involved in the application preparation process. Those sections that are ready will be put through the "red review," and then we will notify NRC of our readiness for its assessment team related to that functional area. In this way, we hope to align our preparation activities with NRC's review activities.

The regulation of the GDP facilities is new to NRC. By starting the assessment period now, NRC will have time to become familiar with us and note any concerns before the application for certification is complete. We, in turn, have the opportunity to become more familiar with NRC and how it does business before it becomes our regulator.



The spare transformer moved from K-25 in Oak Ridge is eased into place in one of Paducah's switchyards. The transformer weighs 238,000 pounds. The transformer was shipped to Paducah by rail then transferred from the special rail car to a truck for its trip to the switchyard. Subcontractors handled the transfer with the help of several plant work groups.

Transformer moved to Paducah

Paducah recently made its electrical support system more reliable in a cost-effective way by bringing in a transformer and two oil circuit breakers surplus from the closed K-25 enrichment plant in Oak Ridge.

This was a real win-win for both facilities. Paducah obtained reliable spare parts and K-25 reduced the cost of disposing of this equipment.

The equipment transfer was teamwork at its best, according to Ron Taylor, Power Operations Department Manager. In spite of the complexity of the project and the many different groups at Paducah, Portsmouth and Oak Ridge involved, the entire move was completed without a single first-aid injury and right on schedule.

"We looked at the equipment and knew we would like to have it," Taylor said. He explained that many of Paducah's 35 transformers are 45 years old and while they have been extremely reliable, some failures are unavoidable. The relatively new K-25 transformer was purchased in 1980. This transformer was operated for approximately three years. A similar transformer purchased today would cost around \$1 million, Taylor said. The two oil circuit breakers would probably cost around \$300,000 if purchased today. The only costs associated with the surplus equipment are shipping and handling.

Portsmouth's Purchasing Group, including Purchasing Superintendent Doug Arnett, Supervisor Judith Mahoney and Buyer Dave Stitt were instrumental in getting the job done, Taylor said. "This was a major task because of the magnitude of the equipment rather than the amount of money involved," Stitt said. Purchasing let the bids then developed purchase orders for the moving and setup contract. "It was

a real pleasure working with them, they were very professional," Taylor said.

The move involved dismantling the equipment at K-25, shipping it to Paducah by rail, then reassembling it at the Paducah plant site. The same subcontractor was involved with the tear-down and the reassembly.

Westinghouse was awarded the bid to move the equipment then employed subcontractors to complete the work. Daniel Butz, Sales/Applications Engineer for Westinghouse Electric said the job went exceptionally well. There was the proper equipment available and the interface between plant people and contractor staff went very smoothly, Butz explained. "Everything went smoothly because of the clear communication and because the Paducah people were on top of things," Butz said.

Lorn Honey, Engineering Support, CUP Division, said preparation was important. "We sat down and tried to identify every player before they came onsite. People in the plant worked well with us or we wouldn't have been able to succeed. That's saying a lot, considering the number of crafts involved," Honey said.

Paducah work groups involved include Field Maintenance, Electrical Maintenance, Training, Industrial Safety, Industrial Hygiene, Fire Protection, Security, Traffic, Health Physics, Material Handling, Power Operations and the FOCI escorts.

The transformer and oil circuit breakers are now "in process" spares, ready to go online with only minimal setup should they be needed.

"Without a high level of commitment, this would never have succeeded," Taylor said.



Cell-ebation at Portsmouth

On November 17, USEC and MMUSE employees at Portsmouth enjoyed a steak dinner—cooked over an open grill and served by members of management—to "cell-ebate" the plant meeting its cell recovery program target. Above, Gary Medukas, Department Manager, Health Physics, and Jim Anzelmo, Division Manager, Chemical, Utilities, and Power Operation, prepare to put more steaks on the grill.

High-Performance Work Team Guide

What is a High-Performance Work Team?

A High-Performance Work Team (HPWT) is a group of people sharing an interest in a common work process. They may be people who work together, side-by-side, every day; or they may only see each other when their team gets together to address issues relevant to the team.

What is the purpose of an HPWT?

Each team must have a charter that defines its purpose. The charter should state what the team is to accomplish, its boundaries, and the members of the team. HPWTs exist to make continuous improvement to some process. The process may be a task done every day by a group, or it may be a task performed throughout the company by many people. Each team member must be a stakeholder in some aspect of the process on which the team is focused.

Responsibilities of the Chair

Each HPWT will have a person to chair the team. Some teams will have co-chairs if they involve both salaried and hourly people. The duties of the chair(s) is to set up and lead meetings, assure that action plans are developed and executed, provide minutes of actions to union and management coordinators, and report progress to the Total Quality Management steering committee which chartered the HPWT.

Team Members' responsibilities

Each HPWT member has been selected to serve on the team in order to bring some knowledge, experience, or point of view to the team. Every team member is vital to the overall success of the team. It is the responsibility of each team member to be present for meetings, to participate in discussions, to collect data, to develop and assess plans, and to carry out the mission of the HPWT.

Boundary Conditions

Each HPWT will have boundaries established in its charter. The team must

stay within its boundaries, which may include issues such as budget; procedures; health, safety, environmental, and contractual limits; people resources, or schedule. The HPWT is empowered to make any necessary decisions that fall within its boundaries.

Two-site teams

HPWTs that are two-site teams have members from Portsmouth, Paducah, and often from Martin Marietta Utility Services, Inc., central staff. These teams must select a chair and make a special effort to meet by telephone conference, video conference, or by site visits. Two-site HPWTs are chartered to address major concerns to the company and will be expected to report on their progress to senior management.

Joint Union-Management HPWTs

When a HPWT includes members of a bargaining unit, there will be an equal number of hourly and salaried people on the team. Salaried team members will be appointed by management. Hourly team members will be appointed by the appropriate union leadership.

Tools and resources

Each HPWT has a mission to continuously improve some process. The team will need to draw on many skills, such as Situation Appraisal, statistical process control, flowcharting, cause and effect diagrams, group decision making, problem analysis, and potential problem analysis. Teams should seek assistance from facilitators and seek training as they deem appropriate.

What is a Project Team?

A Project Team is a group of people chartered to work a specific issue over a short amount of time. Usually, they are tasked to improve a specific process or to solve a specific problem.

(Continued on page 12)



Paducah's November Team of the Month

Paducah's November Team of the Month was a Facility Services Capital Mechanical Crew, made up of Mike Bailey, Gene Brown, Terry Burnett, Brad Stigall and Joe Konemann, supervised by Darryl Bentson. The group was nominated for their work installing freezer sublimers in the cascade. They exemplify empowerment, teamwork and pride in one's work. This team is known for getting the job done right and on time, in spite of the intense heat and darkness that go along with installing equipment inside cell housings. Freezer sublimers allow the plant to make use of low-cost nonfirm electricity, and are therefore very important to our cost reduction efforts.



This team was one of two teams recognized in November with a Team of the Month Award at Portsmouth. They were honored by Plant Manager Dale Allen for their work in redesigning Portsmouth's order processing system, which made it necessary to sample and analyze all product prior to transfer to customer cylinders. The change was accomplished in an expedient and orderly manner to permit all shipments to continue on schedule and in specification. The team was led by Mark Conkel. Members pictured include Dave Knittel, Eleanor Brackman, Becky McGraw, Allen, Nita Moore, Susy Phipps, Sherry Thompson, Debbie Sullivan, Gary Eisnagle, and Paul Simpson. Not pictured are Barry Carlson, Dean Hoover, Roger Robinson, Pauline Swearingen, Melonie Valentine, Monica Williams, Lloyd Wilson, Diana Yates, Bill Jones, Sue Uhrig, Connie Wheeler, Craig Barker and Dick Sparks.



Paducah Team of the Month honors for December also went to this team from the Inspection Department of the Quality Assurance Division. The team is led by Shag Shaughnessy and its members include Charlie Beal, Dan Brown, Donnie Buchanan, Phillip Dae, Bob Fulton, Randy Holmes, Junior Humphrey and Terrell Whitis. The team conducted a thorough walkdown of all cascade safety system rupture discs over a three-week period. The goal of this walkdown was to document the actual configuration of the rupture discs and/or relief valves at over 400 separate locations. The inspectors worked this job in an expeditious manner, during the hottest time of the year on condenser platforms which are well above the cell floors in the cascade buildings, while continuing to provide support to a variety of competing production and project-related demands.

A Portsmouth team of four people (not pictured) were recognized in November for providing in-place technology for cleaning compressor vented cavity lines of deposits. This facilitated the return of eight cells to service approximately three months sooner than would have otherwise been possible. Team members were Keith Banks, John Hamer, Dave Richter, and Dex Wolfe.



Paducah's December Team of the Month members Larry Conkwright, Dale Hofer, Tony Hollis, Dan Lassiter, Jim Meadors, Larry Myrick, Ricky Watson and Mike Weatherford, all Chemical, Utilities and Power Operations Division employees, pose with Deputy Plant Manager Howard Pulley. The team was recognized for developing a "United Hazardous Material Response Decontamination Line." The team saw a need for a new system after working several years with the existing system that required lengthy setup and strike-down time. The new system consists of an all-in-one unit that allows the response team the ability to expedite the set-up time during an emergency situation. This new Line is now a major part of the Haz Mat response.

UE plants honor employee accomplishments



Team wins Award of Excellence at Paducah

DeVern Anderson, Linda Davis, and Robin Scannella, Safety and Health Division; and Michael Coates, Pat Mosley, Wanda Reep, Fred Thompson and Ann West, General Plant Support Division, received Awards of Excellence at Paducah for their work in disposing of surplus material. They were responsible for the handling, radiological monitoring, loading and successful offsite shipment of two hundred tons of surplus, idle and scrap material. They managed this without a single injury, environmental insult, or release of contaminated material or equipment. Thirty-three additional vehicles and a scrap tanker were also removed from the plant site. Because of their work, the plant looks much better and has avoided a huge potential waste handling/liability cost.



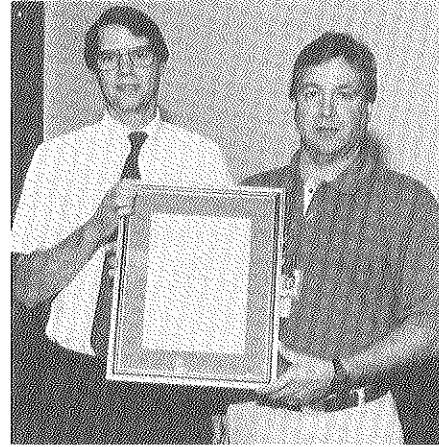
Paducah presents Awards of Excellence

Joe Gorline, Kevin Lindsey and Percy Johnson, Cascade Operations Division, received Awards of Excellence for their outstanding response to a small wood fire which they detected at a cooling tower that was under construction. If not for their quick action, it is very likely the cooling tower, which was nearly three-fourths finished, would have been destroyed. The completed value of this tower is \$4 million.



More Paducah Awards of Excellence

Betty Green, Ron Taylor and David Sheehan, Chemical, Utilities and Power Operations Division, received Awards of Excellence for leading an initiative to implement a new nonfirm power agreement between USEC and Tennessee Valley authority. This team helped resolve several operational and billing problems associated with the agreement. During the first three months since it began, the new agreement has resulted in cost avoidances of \$800,000. Annual cost savings are expected to be more than \$2 million.



Anderson wins

Paducah Award of Excellence

Keith Anderson, Utilities Department, received the Award of Excellence for introducing innovative ideas for environmental issues and helping the plant reduce and prevent noncompliances in all environmental areas. Keith is a member of the plant's Kentucky Pollutant Discharge Elimination System (KPDES) Committee that has been asked to facilitate the issuance of a new water permit that has cost-effective and achievable effluent limits. He has worked diligently and been a driving force on reducing high temperature sources through elimination or rerouting rather than resorting to the more expensive effluent treatment methods. Keith has also been instrumental in replacing oil containment dams, testing the carbon dioxide system for pH control and in a PCB investigation at one of the outfalls.



Sohl wins Paducah Award of Excellence

J.D. Sohl, Nuclear Safety, received the Award of Excellence for the leadership, commitment and customer service he displayed while creating the plant's Nuclear Regulatory Commission certification application. J.D. accepted this major assignment in addition to his regular responsibilities as a nuclear safety criticality engineer. He worked long hours to meet the many project deadlines and to complete assignments and did so in a cooperative and efficient manner.



At right, Bill Flanagan of the Police Department received a PORTS Award of Achievement in November from Plant Manager Dale Allen. He was honored for serving fellow man and the plant by sharing his humor with southern Ohio at various community events as well as during plant activities, including the 40-year anniversary of production. Josie Fagan (not pictured) also received the award for providing her musical talents to the people of southern Ohio. Bill and Josie often work together to provide an entertainment package to the plant and to the local communities.

Bednarczyk receives Portsmouth Award of Achievement

At left, Jay Bednarczyk from the Technical Operations Division receives the PORTS Award of Achievement from Plant Manager Dale Allen in November. He was honored for outstanding technical support during the recovery efforts of 31 cells at the end of June.



Chip Walder received the PORTS Award of Achievement for serving for a one-year period as both USEC's Safety and Health Site Representative and the Area Safety Representative in the X-333 Process Building, effectively doing two full-time jobs.

Sid West received the PORTS Award of Achievement for his efforts as Director of the PORTS Fellowship Choir.

UE employees receive promotions

Ella Jean Parker has been assigned to the Plant Manager's Continuing Improvement Staff. In this role, she will be providing organization leadership for business restructuring, including programmatic responsibility for cost reduction, work and process evaluation, and new business ideas and initiatives. She reports to Plant Manager Dale Allen.

Parker came to the Portsmouth plant in May 1994 as Department Manager, Integrated Planning and Scheduling. She came to the plant from the Department of Energy's Oak Ridge Y-12 Plant where she had served as a Maintenance General Supervisor in the Facilities Management Organization. Prior to that, she had been a Business Development Project Leader for Y-12's Site Management Organization. She was also an Electrician for Rust Engineering for five years.

Parker, an Oak Ridge native, graduated in December 1993 with a bachelor of science in organizational management from Tusculum College in Greeneville, Tenn.

A member of the National Management Association, Parker has also served as a member of the International Brotherhood of Electrical Workers, Local 270, since 1980. In addition, she has earned a Y-12 Award of Excellence, a Martin Marietta Energy Systems award, and a Department of Energy Award of Excellence for her work in maintenance work control, work force restructuring, and maintenance implementation plan workshops.

George D. Shoemaker has been named Superintendent, General Engineering, at Portsmouth. He reports to Chuck Harley, Division Manager, Technical Operations.

Shoemaker came to Portsmouth in April 1977 as an Engineer in the Civil Engineering Department. In August 1980, he became a Gas Centrifuge Enrichment Plant (GCEP) Staff Engineer and then a Senior Engineer in GCEP Project Management in October 1984. He briefly served as a Senior Engineer in the Recycle and Assembly Design Engineering Department before becoming a Senior Engineer in Diffusion Project Management in August 1985. In October 1989, he became an Engineer, Specialist and later an Engineering Project Manager in the Enrichment Projects Coordination Office until he was promoted to Department Head, Project Management in June 1991.

Shoemaker graduated in March 1977 from Ohio State University with a bachelor of science in civil engineering. Before coming to the plant, he worked for Westinghouse Electric Corporation and the Complete General Construction Company. He also served in the U.S. Air Force from 1966 to 1970.

He and his wife, Gwen, live in Circleville. He has two children, Eric and Jason.

John Clayton Jones Jr. has been named Department Superintendent, Financial Services, at Portsmouth. He reports to John Henricks, Division Manager, Business Management.

Jones came to the Portsmouth plant in

August 1980 as a Cost Accountant in the Accounting Department. He held various positions in that department until being named Department Head in October 1990.

He graduated in June 1980 from Ohio University with a bachelor of science in business administration. Also in 1980, he was inducted into Beta Alpha Psi, a national accounting fraternity. He became a Certified Public Accountant in 1985. In June 1988, he received his master of science in business administration from Ohio University.

He is a member of the Ohio Society of Certified Public Accountants and the Institute of Management Accountants. In addition, he serves as a board member of the United Way of Jackson County and the Jackson Chamber of Commerce.

Jones and his wife, Mitzi, live in Jackson with their two sons, Adam and Aaron.

Deborah A. Ball has been named Department Manager, Laboratory Quality Assurance, at Portsmouth. She reports to Chuck Harley, Division Manager, Technical Operations.

Ball came to the plant in November 1988 as a Technical Assistant in the Process Services Department. In November 1989, she became a Laboratory Technician in the Environmental and Industrial Hygiene Laboratory. She became an Environmental, Safety and Health Specialist and Chemical Hygiene Officer in January 1991.

Ball graduated from Shawnee State University in 1984 with an associate of science degree in Medical Laboratory Technology. In 1988, she received a bachelor of science in education from Ohio University, graduating Summa Cum Laude. She is presently pursuing a master's degree through the National Technological University.

Ball is a member of Phi Kappa Phi and the American Society of Clinical Pathologists.

In May, she received an Award of Excellence from Martin Marietta Utility Services, Inc.

She and her husband, Herman, live in West Portsmouth. She has four children, Tracee (Howell), Herman III, Cannon, and Crystal.

Ken Whittle has been named Department Manager, Integrated Planning and Scheduling, at Portsmouth. He reports to Buck Sheward, Division Manager, Cascade Operations.

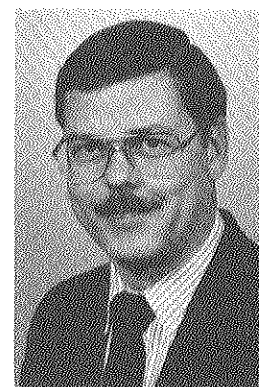
Whittle came to the plant in September 1992 as a Health Physicist. In April 1993, he was assigned as Technical Staff Supervisor of the Health Physics Department. He was promoted to Assistant Department Manager of Health Physics in September 1993.

A native of Chicago, Ill., Whittle came to Portsmouth after more than 10 years in the U.S. Navy.

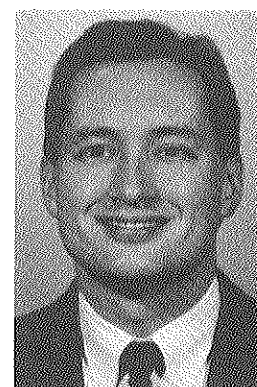
He lives in Chillicothe with his wife, Pam, and four daughters, Cassandra, Asheley, Jacque, and Kenny.



Parker



Shoemaker



Jones



Ball



Whittle

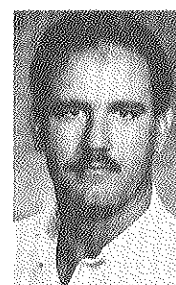
Administrative Promotions



Giltner



Jones



Joyce



Lawler



Crandall

Paducah

Terris Smith (no photo available) has been promoted to Facility Coordinator for the C-333 Building in the Cascade Operations Department at Paducah, reporting to Kelly Stratmeyer, Department Manager.

Brian Giltner has been promoted to Supervisor of the Civil Engineering Section in the General Engineering Department at Paducah. He reports to Gary Holland, Department Manager.

Linda M. Jones has been promoted to Packaging and Transportation Manager in the Material Services Department at Paducah. She reports to Linda Pahl, Department Manager.

Chad Joyce has been promoted to Environmental Tracking and Compliance Coordinator in the Support Services Department of the Environmental and Waste Management Division at Paducah. He reports to Jimmy Hankins, Department Manager.

Portsmouth

William J. Lawler has been promoted to Supervisor, Environmental and Waste Management. He reports to Pam Potter, Department Manager, Waste Compliance.

Gary M. Crandall has been promoted to Supervisor, Engineering, in the General Plant Support division. He reports to Gregg Peed, Department Manager, Maintenance Engineering/Technical Support.

UE employees receive certifications

Jayne becomes ASQC Certified Quality Auditor—Tim Jayne, a Senior Staff Auditor in Portsmouth's Independent Assessment Department, has successfully passed the American Society for Quality Control (ASQC) Certified Quality Auditor (CQA) examination. ASQC is a non-profit education and scientific society composed of more than 130,000 members in the fields of quality control, reliability, inspection, research and development, statistics, engineering, and related fields. ASQC's certification program recognizes and encourages competence of quality managers, engineers and technicians, thereby enhancing their positions in the professional fields.

Jayne came to the Portsmouth plant in September 1970 as an Instrument Apprentice. He became Instrument Maintenance First Class in January 1974. In April 1977, he was promoted to Instrument Foreman in the X-333 Process Building, and he eventually held that same position in each of the three process buildings. In August 1987, he became Instrument Foreman for Security. He was promoted to General Supervisor, Instrument Maintenance in May 1991 and became a Technical Advisor in the General Plant Support Division in November 1992. He has served in his current position since November 1993.

Jayne completed an apprenticeship in instrument maintenance at the plant in 1974, receiving his Journeyman's Card.

Jayne has been a member of the ASQC since 1993. He is also a member of the First Baptist Church in Waverly.

He and his wife, Jackie, who works in Portsmouth's Procedures Systems Management Department, live near Lucasville. He has two children, Gwendolynn and Timothy.

Three Portsmouth employees get their CSPs—Three members of Portsmouth's Industrial Hygiene and Safety Department recently completed all requirements for certification as a Certified Safety Profes-

sional (CSP). This certification is awarded to individuals who meet academic and professional safety experience requirements and pass two, seven-hour examinations. These examinations cover engineering and management aspects of safety, applied safety sciences, legal and regulatory matters, professional affairs and ethics, and other matters.

Daniel J. Charles, a Safety Engineer in that department, came to the Portsmouth plant in May 1979 as an Environmental Surveyor in the Industrial Hygiene and Health Physics Department. In October 1982, he became a Foreman/Training Instructor in the Production Division at the Gas Centrifuge Enrichment Plant (GCEP). In September 1986, he began work at the Westinghouse Materials Company of Ohio as a Technologist in its Capital Projects Department. He returned to the plant in July 1987 as a Safety Engineer in the Industrial Safety Department. In March 1991, he transferred to the Event Investigations Department as a Quality Assurance Specialist. In May 1993, he returned to his position as a Safety Engineer.

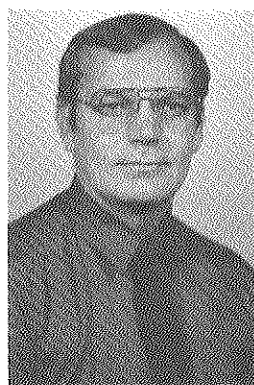
Charles received a bachelor of science in biology from Bowling Green State University in 1973. In 1989, he received a master of science degree in safety from Marshall University.

Before coming to the Portsmouth plant, Charles served as a biology and environmental science teacher at Northwest High School for five years.

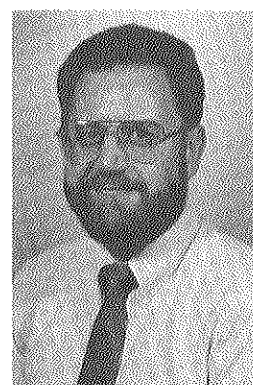
He lives in Lucasville with his wife, Ruth, Department Head of Portsmouth's Environmental and Industrial Hygiene Laboratory. They have two daughters, April and Kelly.

Steve Holder, a Senior Safety Associate, came to the Portsmouth plant in September 1991. He received a bachelor of science in chemistry from the University of Tennessee at Chattanooga in 1987.

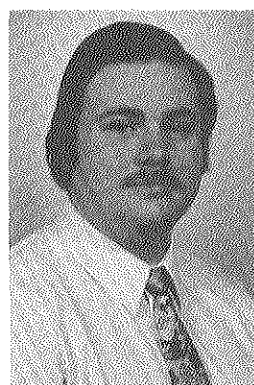
Holder formerly served as Manager of Safety and Regulatory Affairs at Taylor Laboratories, Inc.



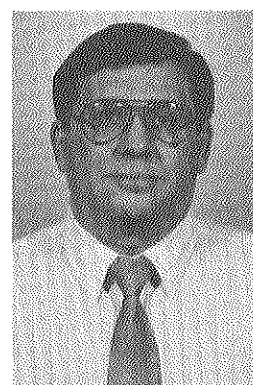
Jayne



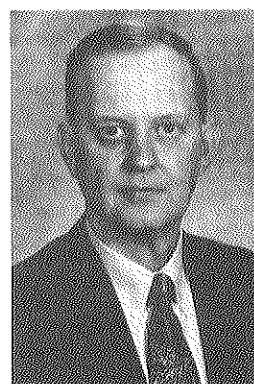
Charles



Holder



Wildman



Anderson

Richard R. Wildman, also a Senior Safety Associate, came to the plant in June 1991. In 1973, Wildman received a bachelor of arts degree in industrial education from Fairmont State College. In 1984, he received an associate of arts degree in safety technology from the Community College of the Air Force at Maxwell, Ala. He received a master of science in occupational safety and health from Marshall University in 1986.

Wildman's past experience includes serving as a County Coordinator/Emergency Services Director for the Wetzel County (W. Va.) Commission, a Radiological Defense Officer for the West Virginia Office of Emergency Services, a Chemical Operator for E.I. DuPont, and a Safety Associate for the Union Carbide Corporation. He also has several years of experience with the Army National Guard and the Air National Guard.

A member of the American Society of Safety Engineers, he is a former president of the West Virginia chapter.

Wildman lives in Waverly with his wife, Charlene. He has three children, Chasity, Marsha, and Barbara.

The Board of Certified Safety Professionals (BCSP) has awarded the CSP designation since 1969. Individuals must be recertified every five years. BCSP, located in Savoy, Ill., is sponsored by six technical societies: the American Society of Safety Engineers, the American Industrial Hygiene Association, the System Safety Society, the Society of Fire Protection Engineers, the National Safety Council, and the Institute of Industrial Engineers.

Anderson receives ACA certification—Hal C. Anderson, Compensation Manager at Paducah, recently earned the American Compensation Association's (ACA) Certified Compensation Professional designation.

The certification required successfully passing a series of comprehensive examinations designed to measure an individual's knowledge of compensation management theory and practice.

The program of study covers such subjects as quantitative analysis, legal compliance, program design and administration, accounting and finance and strategic planning.

Anderson has worked at the plant since 1989, first in the Training Department, then in Human Resources. Before joining the company, he was Training Manager for General Tire in Mayfield and Vocational Dean at Shawnee Community College in southern Illinois.

ACA is made up of more than 15,000 professionals engaged in designing, implementing and managing employee compensation and benefits programs. Its members represent all levels of compensation and benefits management in a wide range of industries and service organizations. ACA was founded in 1955.

Paducah's SS&ES division develops program to reduce accidents and injuries

Developing a safety program tailored to meet their special needs has helped Paducah's Safeguards, Security and Emergency Services (SS&ES) Division reduce the number of accidents and injuries its people experience at work and at home.

Last January, the plant's Safety Department asked each division to develop a safety action plan. Divisions were encouraged to be innovative in addressing specific concerns and to build in increased personal responsibility and accountability.

Jerome Mansfield, Emergency Management, serves as safety coordinator for SS&ES. He and division manager Tom Hines reviewed the previous safety plan and found several areas where they thought it could be improved. Hines asked the division's Salaried Employee Council to get involved with the planning as well. The Council appointed a Safety Committee to help support the Safety Action Plan. Members include Butch McKinney, Lo'Anne Carrigan and Pearline Wiggins.

"We're a very diverse organization,"

Mansfield explained. "We have security police and fire drivers who frequently encounter hazards during their work, and we also have Nuclear Accountability staff, whose work is done almost entirely in an office situation. We have people who are certified emergency medical technicians and people with no background at all in first aid or emergency response, so providing interesting safety training can be a real challenge."

It soon became obvious that the standard daytime monthly safety meeting was not an effective way to communicate safety information because so many of the staff are shift workers. Under the new plan, the routine meetings went from monthly to quarterly. They were replaced with individual departmental safety meetings. "People are more involved in developing ways to share safety information," Mansfield said.

Safety goals were set for the coming year. A safety slogan was developed and a plan devised for quick resolution of safety

suggestions within the division. Each month a designated SS&ES department develops a safety training program and provides copies to other departments. The each department is responsible for developing the remainder of their meeting agenda, and for reporting attendance and the reasons for any absences.

"This way the departments can build safety meetings that are applicable to their particular work hazards. They enjoy the meetings more because they are more personal," Mansfield said. More people get to take part in planning meetings, leading to increased accountability, he added.

The number of SS&ES Occupational Safety and Health Administration (OSHA) recordable injuries/illnesses is down from 14 in 1991, 1992 and 1993, to just four through August of this year. There has been only one OSHA lost workday case this year, down from a high of seven in 1992. There have been no off-the-job injuries and only four first-aid injuries for SS&ES employees this year.

Employees give generously to the United Way

Paducah

Together, Martin Marietta and Paducah employees raised \$130,901 for United Way agencies in seven area counties during the 1994 campaign, a \$6,595 increase over last year.

The total includes \$95,231.11 in pledges from Paducah Gaseous Diffusion Plant employees; \$18,170.01 in pledges from Martin Marietta Energy Systems employees and \$17,500 from Martin Marietta Corporation.

"We are extremely proud of this effort and very appreciative to everyone who contributed and to the many who worked on the campaign," said Jim Lewis, United Way Co-Chair. "Our Campaign Committee was very active and willing to try new things and I think that paid off."

The Business Management Division and

the Plant Manager's Division both had 100 percent participation in United Way giving.

The counties that benefit are McCracken, Ballard, Graves, Marshall and Carlisle counties in Kentucky; Massac County in Illinois; and Mississippi County in Missouri. Some employees participate through regular payroll deduction while others make a one-time donation.

Division coordinators for the 1994 Paducah Campaign include: Shirley Lanier, Business Management; Lesa Crouch, Human Resources and Information Management; Rick Williams, Technical Services; April Fisk, Safeguards, Security and Emergency Services; Charlotte Powell, Cascade Operations; Billy Vaughn, General Plant Support; Richard DiLaura, Quality Assurance; Sonny Summers, Environmental and

Waste Management; Roger James, UE Procedures; Lisa Woods, UE Training; Wanda Hurt, Safety and Health; Doug McGill, Chemical, Utilities and Power Operations; and Brad Haralson, Technical Operations.

Portsmouth

The Portsmouth plant raised more than \$92,000 to benefit area citizens during this year's United Way campaign at Portsmouth. Employees of both Martin Marietta Utility Services, Inc., and Martin Marietta Energy Systems, Inc., took part in the campaign which concluded with the allocation of funds to local United Way representatives and recognition of solicitors at a special luncheon on November 1.

A corporate gift of \$18,500 was added to employee pledges of \$74,059.84 for a total distribution of \$92,559.84 as follows:

Jackson County--\$7,855.46; Pike

County--\$23,171.28; Ross County--\$26,382.89; Scioto County--\$32,187.65; and other counties--\$2,962.56.

The Utility Services Steering Committee consisted of Frank Bullock, Chairperson; John McCormick, Assistant Co-Chairperson; Kristy Landman of the United Plant Guard Workers of America (UPGWA), Local 66, Assistant Chairperson; Lisa Tidrick, Office Manager; Vicki Richard and Bonnie Mullins, Financiers; and Angie Dudit, Publicist. The Energy Systems Steering Committee included Jerry Moore, Chairperson; Ralph Nolfi, Assistant Chairperson; and Sara Blume, Office Manager.

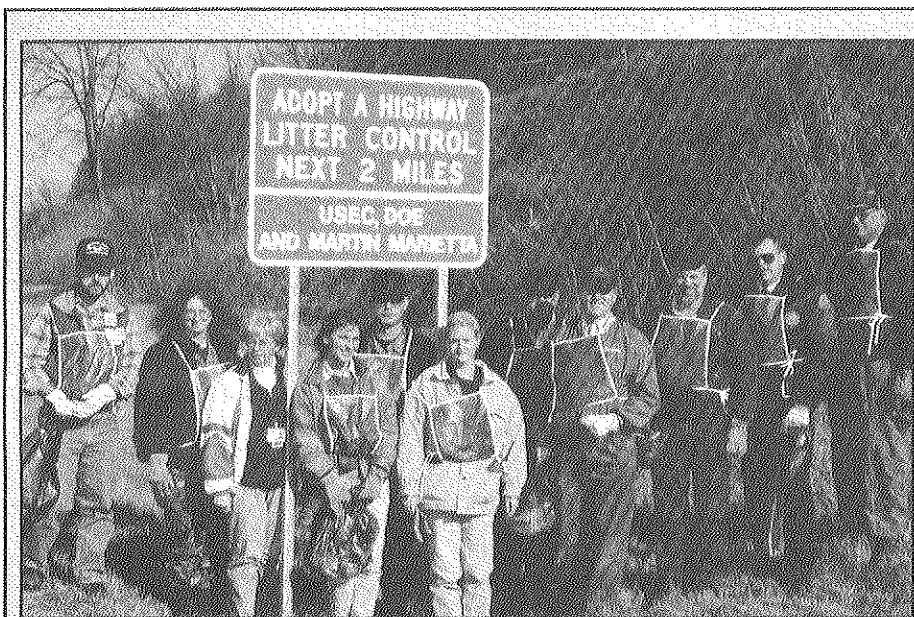
More than \$2,468,500 has been contributed to United Way by Portsmouth Gaseous Diffusion Plant employees and operating contractors since 1953.



Dick Veazey, Paducah's Technical Operations Division Manager, serves up lunch to David Winkler, Security Police. Dick found himself behind the counter as part of a United Way fundraiser. Here's how it worked: people were asked to submit drawings of their favorite division managers which were then displayed every day in the cafeteria; employees were encouraged to "vote" for their favorite drawing by dropping pennies in a contribution jar; the three top vote-getters became honorary servers. All the money collected went to United Way.



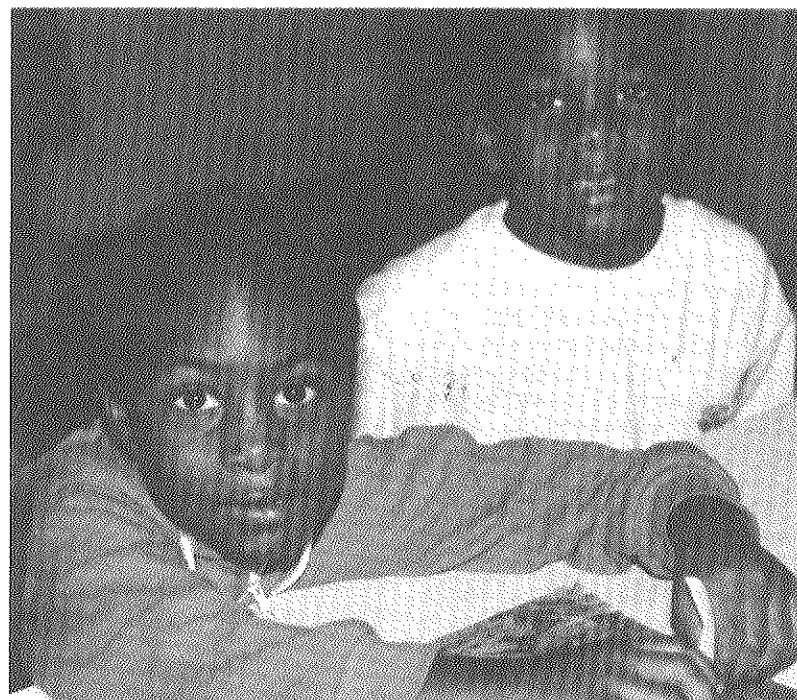
Portsmouth's MMUS steering committee and division representatives for this year's United Way Campaign included (kneeling) Frank Bullock, Chairperson; John Steward, General Plant Support; John McCormick, Assistant Co-Chairperson; Dave Davis, Security; Russ Foster, UE Central; (standing) Vicki Richard, Financier; Kristy Landman, Assistant Chairperson and UPGWA representative; Jennifer Moore, Environmental and Waste Management; Vickie Ratliff, Cascade Operations; Susan Rumfield, UE Procedures; Cathy Williams, Plant Manager's Office; Rita Fairchild, Central Procurement; Linda Ciraso, Business Management; Plant Manager Dale Allen; Bonnie Mullins, Financier; Marilyn Hairston, Quality Assurance; Kathy Hutchison, Chemical, Utilities and Power Operations; Paula Downey, Technical Operations; Angie Dudit, Publicist; and Lisa Tidrick, Office Manager. Not pictured are Diana Tackett, Training; Sue McKenzie, Human Resources; Jim Mossbarger, Central Finance; and Cynthia Quillen, Safety and Health.



Portsmouth adopts a highway

The United States Enrichment Corporation, U.S. Department of Energy, and Martin Marietta employees at Portsmouth have recently "adopted" a two-mile stretch of highway just north of the Scioto-Pike County line. As part of the "Adopt A Highway" program, employees at the plant gathered on November 30 to pick up litter in this area in order to improve its appearance. They will be conducting cleanup programs in this area four times a year.

Samantha Doty of the Police Department coordinated the event. She was joined in the cleanup efforts by (from left) Chuck Fannin, Kristy Landman, Melissa Davis, Becky Click, Jim Snodgrass, Doty, Randy Smith, Bill Lemmon, John Ater, Al Odle, and Doc Overly.



Children like these from the Paducah Day Nursery benefit from our United Way contributions.

Recycling alive and well at the UE plants



Pitch in! Paducah's Sharon Beardsley, Janitorial Services, collects white paper for recycling in the Administration Building. Each office has cans for white paper, office pack (includes colored paper, Post-it notes, etc.) and for "trash," paper that is unsuitable for recycling. The janitors empty the cans on a rotating basis.

Paducah

Paducah's Waste Minimization Program got a boost in late October when, after months of planning and preparation, the plant began recycling paper with a pilot program in the C-100 Building.

The plant's Paper Recycling Center was officially dedicated in early December with a ribbon-cutting ceremony attended by USEC and DOE representatives, MMUS and MMES management, Union leaders and Waste Management and Janitorial staff.

Speaking to the group gathered for the ceremony, Polston applauded the work of the people involved in the recycling programs and urged that effort to continue. "I'd like for us to be known as the 'recycle plant,'" he said. Environmental and Waste Management Division Manager Steve Shell said he really appreciated the plantwide support the recycling effort has received.

Just under 5000 pounds of

white paper have been collected from C-100 during the first five weeks of recycling. The paper is being baled then will be stored in a trailer until a full load accumulates. The paper will be shipped to a mill in Cincinnati for recycling.

White paper, mixed paper and cardboard are being collected. People who work in the collection areas have met with representatives from the recycling company and Waste Management staff to learn how to properly separate their waste paper. Extra trash cans and roll-out bins have been delivered to work areas to facilitate the process.

Paper recycling is important to the plant because it helps reduce the amount of waste headed for the landfill. Terry Fletcher, Waste Minimization Program Manager, Environmental and Waste Management Division, said that while there are costs associated with startup, over the long-term, the Paper Recycling Program will support itself because the income from the paper sold will pay the collection costs. Current disposal costs at the site landfill are around \$200 per ton.

Other buildings around the plant will be added to the program in coming weeks as more people are trained.

A Total Quality Management Recycling

Team has been working closely with Waste Management since February 1993 on paper and cardboard recycling issues. Team leaders are Terry Fletcher and Mike Jennings with John Dew acting as facilitator. Team members include Lloyd Drake, Mike Zeiss, Marsha Harris, John Dixon, Duane Sikes, Jim Holm, Ricky Crimm and Jesse Glisson. Cathy Tidwell in Purchasing played a critical role in obtaining a recycling contract that generated proceeds. Previous recycling contracts in Oak Ridge required Martin Marietta to pay the recycler for service.

Waste Management has focused on recycling as a way of reducing or eliminating waste streams. To date, 18 different waste products are being recycled and by the end of 1995, that total should grow to 25 or more. Since January, Paducah has recycled 11,280 pounds of batteries; 123,775 pounds of clean scrap metal; 16,173 fluorescent light bulbs; and 6,906 pounds of aluminum beverage cans. PGDP also recycles used oil and cafeteria grease.

Portsmouth

Since September 1991, more than 18,800 pounds of aluminum cans have been recycled at Portsmouth, resulting in a savings of approximately 113 cubic yards of landfill space as well as an avoidance of \$13,562 in onsite landfill management costs. Since November 1991, more than 160,600 pounds of cardboard has been recycled, saving more than 1,224 cubic yards of landfill space and avoiding more than \$146,800 in onsite landfill management costs. Approximately 45,830 pounds of lead acid batteries have been recycled since September 1993, and more than 17,200 pounds of fluorescent lights have been collected and recycled since November 1993.

Portsmouth has been active in implementing additional pollution prevention and waste minimization initiatives as well. These have included a reduction in Contamination Control Zones, implementation of latex paints, elimination of silver nitrate solution in reproduction, used oil recycling, wood pallet reuse, laser jet cartridge recycling, installation of hand dryers, aerosol can purchase prohibition, hazardous chemical substitution, prescreening of purchase requisitions for hazardous chemicals, and implementation of designated staging areas to remove packaging material prior to material entering radiological areas.

In addition, Portsmouth is pursuing additional pollution prevention and waste minimization opportunities which include high pressure sodium bulb recycling, mercury vapor bulb recycling, nicad battery recycling, and onsite rag laundering. Efforts are under way to develop a cost effective paper recycling program as well.

These pollution prevention and waste minimization initiatives could not have been realized without the continued commitment and support from all the divisions at Portsmouth.

Editor's Note: Mary Delay of Portsmouth's Waste Operations and Technical Support Department contributed to this article.

National Breast Cancer Awareness Month

Forty-six thousand women die of breast cancer every year. In fact, one in nine American women will develop breast cancer during her lifetime, according to the American Cancer Society. The number of breast cancer cases has increased by about three percent per year since 1980. In 1993, 182,000 women learned they had breast cancer.

Regular mammogram and breast self-examinations could prevent as many as 30 percent of all breast cancer deaths. October was National Breast Cancer Awareness Month, a time when people are urged to learn more about breast cancer and how to prevent it. Both plants provided special services during the month, aimed at helping employees recognize breast cancer's early warning signs.

Paducah

Paducah's Health Service Department, in conjunction with the American Cancer Society, held four sessions on breast cancer and breast self-examinations. Each session included a short film, the development of lump detection and discrimination skills, explanation of the proper examination technique with practice on manufactured breast models and time for questions. The sessions were set so as to accommodate everyone, regardless of their work shift.

Portsmouth

During October and the first part of November, female employees at Portsmouth had the opportunity to obtain mammograms paid for by the company. This was the second consecutive year that this program was offered by the Health Services Department as part of the plant's observance of



Portsmouth Health Services personnel pose with staff from the Southern Ohio Medical Center's (SOMC) mobile mammography unit. The unit came to the Portsmouth plant during National Breast Cancer Awareness Month. Shown from left to right are Debbie Gedeon, Department Administrator, Health Services; Ginie Wagner, a registered nurse for Health Services; and Susan Wells and Karen Hafer, both of SOMC.

National Breast Cancer Awareness Month. More than 190 mammograms were done by registered mammography technologists from the Southern Ohio Medical Center (SOMC) in its mobile mammography unit. Ed Cramer of the plant's Purchasing Department made the arrangements for the mobile mammography unit to come to the Portsmouth site.

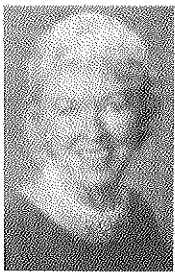
Ginie Wagner, a registered nurse in Portsmouth's Health Services Department,

also conducted self breast examination (SBE) training for more than 230 employees, including a special session for male employees to enable them to pass this information along to their wives. The sessions featured presentations by plant employees who have survived breast cancer. They spoke about their own personal experiences with the disease and the importance of SBE.

Retirees



Jason D. Atkins
Portsmouth
40 years



Ardyce Ballard
Paducah (MMES)
38 years



Betty Bihl
Portsmouth
14 years



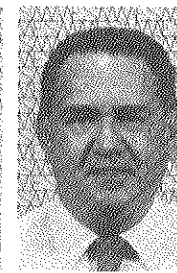
Mabel Blair
Portsmouth
40 years



R.C. Brown
Portsmouth
19 years



William T. Brown
Portsmouth
40 years



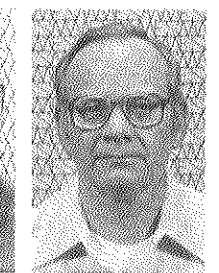
Arturo L. Cardenas
Portsmouth
41 years



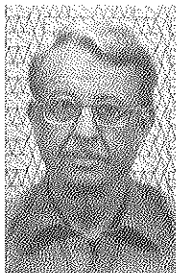
Ferdinand A. Case
Portsmouth
40 years



Norman Christopher
Portsmouth
40 years



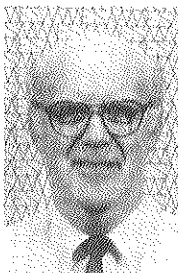
Gerald L. Cornwell
Portsmouth
38 years



C. Forrest Crumm
Portsmouth
41 years



Iris E. Dixon
Portsmouth
26 years



Richard L. Duffey
Portsmouth
26 years



Fred Edelmann
Portsmouth
37 years



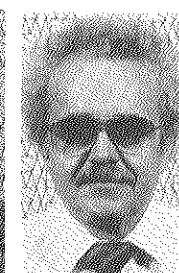
Jack D. Harbert
Portsmouth
24 years



George Hay
Portsmouth
(MMES)
21 years



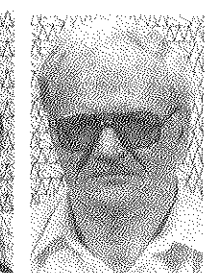
David L. Hicks
Portsmouth
39 years



James B. Hicks, Jr.
Portsmouth
39 years



Carol L. Hill
Portsmouth
40 years



William A. Kelley
Portsmouth
38 years



Richard P. Kielmar
Portsmouth
14 years



David L. Knittel
Portsmouth
40 years



Bill Lemmon
Portsmouth
(MMES)
29 years



Betty G. Lewis
Portsmouth
26 years



Sarah J. Lowman
Portsmouth
38 years



Kiyoko Lyon
Portsmouth
25 years



William C. Masters
Portsmouth
41 years



Stewart A. Mell
Portsmouth
20 years



Judith A. Miller
Portsmouth
16 years



Billy Moore
Portsmouth
(MMES)
15 years



Jean Moorman
Portsmouth
15 years



Buddy G. Morris
Portsmouth
10 years



Clifford Mowery
Portsmouth
18 years



William Mulhern
Portsmouth
19 years



George Mustard
Portsmouth
37 years



Gerald Nelson
Portsmouth
24 years



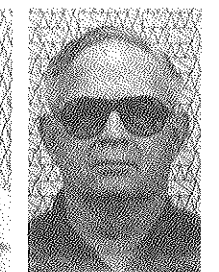
J. Forrest Newman
Portsmouth
41 years



Joseph N. Newsom
Portsmouth
13 years



Richard Newvahrer
Portsmouth
39 years



Robert O. Overley
Portsmouth
27 years



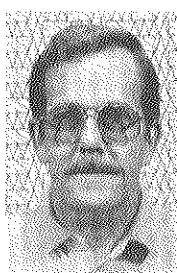
Edgar D. Paul
Portsmouth
29 years



Franklin R. Perry
Portsmouth
40 years



Norman B. Potts
Portsmouth
41 years



Denver L. Ratcliff
Portsmouth
40 years



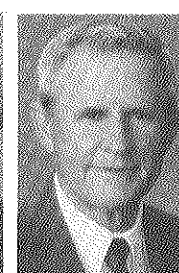
Marvin L. Rice
Portsmouth
40 years



Danny L. Roberson
Portsmouth
27 years



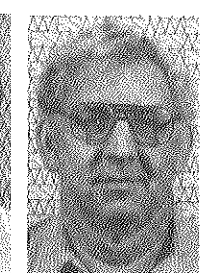
Jackie Russell
Paducah
18 years



Joe Russell
Paducah (MMES)
41 years



Clyde (Sid) Secrest
Portsmouth
40 years



Glenn A. Shultz
Portsmouth
39 years

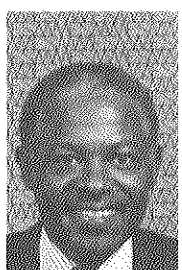
Retirees



Leslie T. Skaggs
Portsmouth
21 years



Charles Slater
Portsmouth
40 years



Joseph Small
Portsmouth
(MMES)
13 years



Suzanne Storms
Portsmouth
19 years



Everett Strausbaugh
Portsmouth
41 years



Maxine Thompson
Portsmouth
38 years



Orlando A. Vita
Portsmouth
41 years



Norbert Vulgamore
Portsmouth
41 years



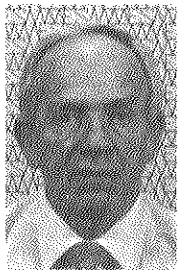
Charles Wakefield
Portsmouth
41 years



John J. Ward
Portsmouth
37 years



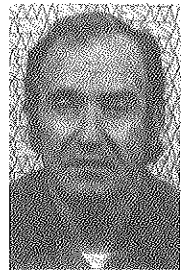
James Watson
Portsmouth
(MMES)
18 years



William L. Welch
Portsmouth
40 years



Pauline Whisnant
Portsmouth
20 years



Orlea W. Whitley
Portsmouth
19 years



Dale Wickline
Portsmouth
41 years



Carl D. Willis
Portsmouth
39 years



Don Woodrum
Portsmouth
25 years



Warren Jay Verian
Portsmouth
38 years

National Chemistry Week celebrated by Paducah ACS members

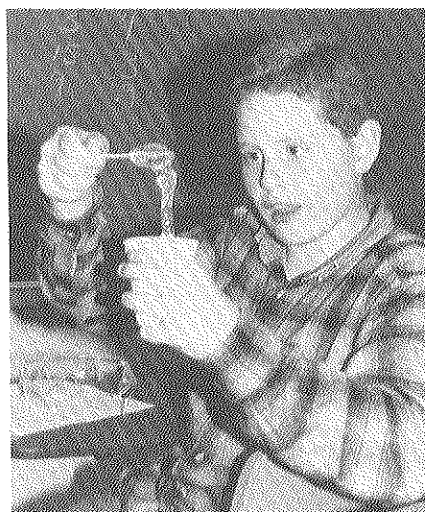
"Chemistry and chemicals are an essential part of our lives. Working with chemistry and science can be fun and interesting." That was the theme of the 1994 National Chemistry Week Educational Program offered by the Kentucky Lake Section of the American Chemical Society (ACS).

More than 1400 fourth-grade students in 16 local schools were visited by teams of chemists and technicians from the Paducah plant and Murray State University during National Chemistry Week, November 6-12.

"Student participation is an essential part of the presentation," said John Price, a chemist in the Analytical Laboratory and ACS member. "Kids get hands-on experience learning the difference between acids and bases using vegetable indicators and have the opportunity to make a gelatinous slime by mixing a polymer with a cross-linker," Price explained.

The purpose for the programs is to promote chemistry and science to children, help dispel "chemophobia" and to educate the public on chemistry, chemists and science-related topics.

National Chemistry Week programs are sponsored by the American Chemical Society and MMUS.



Students follow the direction of their visiting chemists to make "GAK," a gelatinous substance created by mixing a polymer and a cross-linker. GAK is very similar to a commercially available children's product called "Slime," and proved very popular with the fourth-graders. Below is a thank you letter from one of the students.

Dear Mr. Price,

Thank you for teaching us about chemistry. I also want to thank you for the pencil, the stickers, the glow stick, and the gak. I especially liked the gak because last night I put it in my sister's bed on a piece of paper with my glow stick in it and scared her half to death. I also really liked when you poured the liquid nitrogen everywhere. I hope you come back next year.

Sincerely,
Gregory Potts

Lone Oak Elm.
Mrs. Teresa Flood's
4th Grade

What's happening to people in UE?

Paducah

Jim H. Key, Oil, Chemical, & Atomic Worker Union Representative, Local 3-550, has been appointed to the Kentucky Safety and Health Network Board of Directors. The Network represents labor, business, government, and education. It has more than 750 members whose work is devoted to eliminating workplace injuries and illnesses. Network objectives are: to safeguard Kentucky's working men and women from those job-related hazards which threaten personal safety and health; to actively support rules, regulations and laws designed to eliminate injuries and illnesses which result from human or mechanical errors in the workplace; to conduct a vigorous and continuing program of education for business, labor, education, and government, designed to focus attention upon these hazards and how they may be avoided through cooperative efforts; and to provide specialized services designed to assist members in establishing and maintaining effective safety and health programs. Key is a 20 year OCAW member, and has served as the Union Representative for Environmental, Safety, and Health for 761 hourly workers for the last 5 years.

Carla McEllya, UE Procedures, has been selected the 1994/1995 Secretary of the Year by the Paducah-Kentucky Lake Chapter of Professional Secretaries International (PSI). She has belonged to PSI since January 1994.

Portsmouth

Dr. David Manuta, a Research Staff Member in the Chemical Technology Department, has been named to the Sterling Who's Who Directory, Executive Edition. Sterling Who's Who is an exclusive organization that awards memberships to indi-

viduals who have exhibited excellence and preeminent leadership abilities in their chosen field of endeavor. Qualified individuals are granted a listing in the Sterling Who's Who Directory.

Dr. Manuta received his PhD in chemistry in 1985 from the State University of New York at Binghamton. He held a Post-Doctoral Fellowship in chemistry before becoming Assistant Professor at Upper Iowa University at Fayette in 1986 and at Shawnee State University in 1989. His publications in scientific journals and presentations at regional and National American Chemical Society meetings cover the fields of photochemistry, spectroscopy, molecular structure, coordination chemistry and chemical education. A resident of Pike County, he has worked at the plant since 1990.

Privatization

(Continued from page 2)

The method of privatization that USEC will undertake has yet to be determined. Many issues still need to be resolved before a final recommendation is made. USEC will be engaging financial advisors to assist in the development of the privatization strategy.

In future articles, we will explore past successful privatization efforts and lessons learned that can be applied to USEC. We also will examine in some detail the benefits that are expected to accrue from privatizing the United States Enrichment Corporation.

Service Milestones

December 1994

Paducah

25 years-- Dick Veazey, Don Korte, and Larry Alexander.

20 years-- Bob Gill, Trent Griffin, William "Bill" Harrison, Fred Mills, Gary Nance, Ronnie Rudolph, Michael Soper, Russell Viniard, Ron Sills, Steve Angelly, Gary Bacon, James Bell, Warren Boss, James Dimino, George Fields, Don Hamilton, Ed Jamison, Dennis Stokes, Richard Wainscott, Jean Adams, Kim Blaisdell, Larry Davis, Roy Davis, Randy Harris, Don Lents, Harold Logsdon, Lonnie McReynolds, William "Bubba" Moore, Donna Richards, John Ross, Dorothy Starr, and Dave Waltmon.

15 years-- Mike Lockhart, David Rigdon, Ruby Tolivar, Howard Grief, Kevin Walker, Linda Pahl, Mary Walker, Darryl Bentson, David Lassiter, James Harris, Chris Slone, Frankie Leidecker, Janet Nennstiel (UE Central), Edward Dixon, Danny Guminski (MMES), Tonya Griffith, Marla Kincer, and John Morgan (MMES).

Portsmouth

40 years-- Richard W. Sparks and Betty L. Powell.

20 years-- Harold E. Blaine, Earlin L. Costilow, Stephen M. Cupp, Thomas W. Henry, Ronald E. Henthorn, James H. Kinker, David L. Riepenhoff, Valvis S. Tinsley, Daniel W. Rogers, John E. Thomas, Thomas J. Stuart, Ronald R. Magill, James O. Smith, Forrest D. Noel, Nita J. Moore, Charlotte E. Litten, Madeline C. Caudill, and Jeanne C. Cisco.

15 years-- Randy K. White, Billy R. Spencer, Albert D. Neal, Michael K. Rinchart, Michael J. Kelly, and Gregory W. Thoms.

5 years -- Bryan A. Jones, James W. Dutcher, Jonna L. Jenkins, Elisabeth K. Gilbert, John A. Farmer Jr., Jodi L. Carter, Roger D. Blevins, Gary L. Stiffler, Kenneth J. Horsley, Jeffrey C. Kemp, Robin D. Stone, Virginia K. Peters, and Denise Jones (MMES).

New Employees

Paducah

November 7

Michael Bradley Anderson,
Production Engineering.

Stanley Hugh Hunt,
Instrument Engineering and Computer
Applications.

William Clinton Ward, Accountant.

Charles Robert Zander, Jr.,
Health Physics.

William Thomason Shadoan,
Engineer, MMES.

November 21

Brian Keith Johnson,
Analytical Laboratory.

Douglas Glenn Porter,
Engineering and Technical Support.

Robert Wade Robinson,
Environmental Monitoring.

Max Bryan Woods,
Environmental Monitoring.

December 5

Mark L. Griffin,
Production Engineering.

Misty K. Montag,
Procedures Systems Management.

Julia L. Smith,
Compliance Management.

Robert E. Thomas, GPS Electrical.

Portsmouth

November 21

Judy A. Miller, '000' Cascade.

Sharon E. Jennings,
Cascade Operations/Maintenance.

Ronald E. Smith Jr.,
Safety and Health Management.

Dorothy Waugh,
Heating, Ventilation and Air Conditioning.

Daniel W. Joosse and
Stephanie H. Stockham,
Health Physics.

Terry R. Dresbach,
Site Engineering Services (MMES).

December 1

Mark Swearingen,
Environmental Management (MMES).

December 5

Dorothy M. Nichols, HEU Cascade.
Douglas J. Cook, Tullus E. Crawford,
Donald G. Phillips, and Deidra C. Ray,
Site Engineering Services (MMES).

December 19

Donald B. Faust,
Independent Assessment.
Mark R. Miller, Purchasing.

New Arrivals

Portsmouth

Son, Blake Alexander, August 1, to Gary and Alvita Roberts. Alvita works in Information Support.

Son, Dirk Anthony, November 13, to Todd and Teresa Chaney. Todd works in the Police Department.

Daughter, Molly Jo, November 18, to Gary and Donna Crandall. Gary works in Process Equipment Engineering, and Donna formerly worked in the Nuclear Materials Accounting Department.

Daughter, Audrey Beth, November 23, to Seth and Brenda Patton. Seth works in Instrument Maintenance.

Daughter, Kayla Lynn, November 23, to Jeffrey and Beth Keener. Beth works in Security.

Son, Larry Jay II, November 24, to Larry and Robin Gardner. Larry works in Maintenance Administration.

Son, Evan Scott, November 28, to Gerald and Mary Howard. Gerald works in the Cascade Process Balance Pool.

This is the last issue of UE News that will publish births. Watch SCOOP at Portsmouth and Inside P at Paducah for New Arrival news in the future.

Obituaries

Paducah

Jesse Butler Tyner, November 12. He was a Maintenance Mechanic and took an early retirement in 1982.

Bobby Amos Abell, November 12. He was a Maintenance Mechanic and took an early retirement in 1987.

Portsmouth

Roger Bradshaw, 69, Lucasville, June 14. He was a Fireman when he retired in November 1981. Survivors include his wife, Betty, and his son, Philip (12730). *Editor's Note: We apologize for omitting Philip's name in an earlier issue of UE News.*

Ray L. Walker, 69, Jackson, August 18. He was a Janitor when he retired in April 1988. Survivors include his wife Pauline.

Willard Skaggs, 70, Waverly, September 9. He was a Maintenance Mechanic I/C when he retired in June 1986. Survivors include his wife, Marjorie.

Laurence H. Craft, 64, Quincy, Ky., September 16. He was a Guard in the Police Department when he retired in February 1987. Survivors include his wife, Georgia.

Julian C. Perkins, 29, Atlanta, Ga., September 30, from injuries sustained in a motorcycle accident. He worked as a Computer Analyst at the plant from May 1990 to September 1992.

Charles M. "Mac" Hutchings, 66, Stow, October 5. Survivors include his wife, Lola. He worked at the Portsmouth plant from 1977 to 1986. He was Administrator, Medical, Safety and Environment, when he transferred back to Goodyear in Akron.

Larry Raque, 32, Chillicothe, October 20, from injuries sustained in a car-motorcycle accident. He was actively employed as a Health Physics Supervisor. Survivors include his wife, Julie.

Charles C. Hobbs, 83, Waverly, October 27. He was an Electrician I/C at the time of his retirement in March 1976. Survivors include his wife, Rita.

Paul F. Yinger, 82, Portsmouth, October 28. His classification was Materials at the time of his retirement in November 1977. Survivors include his wife, Jessie.

Roy Walters, 75, Franklin Furnace, October 29. He was an Inspector when he retired in April 1981. Survivors include his wife, Marie.

Blanche K. Cales, 81, Greenup, Ky., October 31. She was a Secretary-Steno when she retired in February 1975.

Edgell B. Knapp, 90, Frametown, W. Va., November 6. He was a Carpenter I/C when he retired in November 1969. Survivors include his wife, Ruth.

High-Performance Work Team Guide

(Continued from page 4)

What is a charter?

The team's charter defines what the team is to work on, the boundaries in which it is to work, and some expectation of the time in which the team is to accomplish its task. The charter also defines who the team members are.

Team Members

A successful Project Team has members who represent all the areas or disciplines that need input in order to solve a problem or improve a system. If a team involves both hourly and salaried employees, there will be an equal number of hourly and salaried on the team.

Diagnostic Journey

The team's role is to diagnose what needs to be done to improve the system or fix a problem. This means collecting data, using flowcharts, using statistical tools, benchmarking, or other diagnosis.

Remedial Journey

The team's role in implementing solutions will be defined in its charter. Some teams will need to report their diagnosis and recommended solutions to the Total Quality Management (TQM) steering committee in order to get resources to implement. Other teams may work on issues that are within the boundaries of the team to go ahead and implement.

Project Team Chair(s)

Each team will have a chair to provide leadership. Teams involving hourly and salaried people will have co-chairs from the salaried and hourly ranks. Management will assign the salaried co-chair. The participating union leadership will assign the hourly co-chair.

Responsibility of Chair(s)

The chair(s) will organize team meetings, lead meetings, assure that minutes are kept, and lead the diagnostic journey. Team chairs will keep the team on track and working within the boundaries and on time. Team chairs assure that management and union leadership is kept apprised of their progress by providing minutes to union and management TQM coordinators.

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