

Uranium Enrichment News

Volume 1

OCTOBER/NOVEMBER 1994

Number 14

USEC conducts first customer conference



On Wednesday, October 26, Portsmouth welcomed 28 customers from 18 different states and three foreign countries as part of the First Annual USEC Customer Conference. Their visit included production briefings, lunch along with a concert by the PORTS Fellowship Choir, and an afternoon tour of plant facilities. Look for more on the visit in a future issue of UE News.

Portsmouth meets cell recovery target

In July 1993, the Portsmouth plant began a cell recovery program with a target of getting 72 '000' cells onstream in the X-333 Process Building. At that time, only 45 '000' cells were onstream. Fourteen months later, on Thursday, September 29, at 3:01 p.m., Process Operator J.R. Miller (of B shift) pushed the button to bring Cell 33-2-9 onstream, following in situ (in place) repair of the Stage 7 cooler. Consequently, this meant that 72 '000' cells were onstream in the '000' cascade. Additionally, the goal of 43 '00' cells onstream in the X-330 Process Building was realized with the placement of 31-3-2 onstream on September 30. Neither of these targets could have been achieved without the help, dedication, and teamwork of many groups on plantsite including Operations, Maintenance, Health Physics, Industrial Hygiene, Procurement, Gerry Bobo and his in situ repair team, Laboratory, Training, Procedures and CUP personnel.



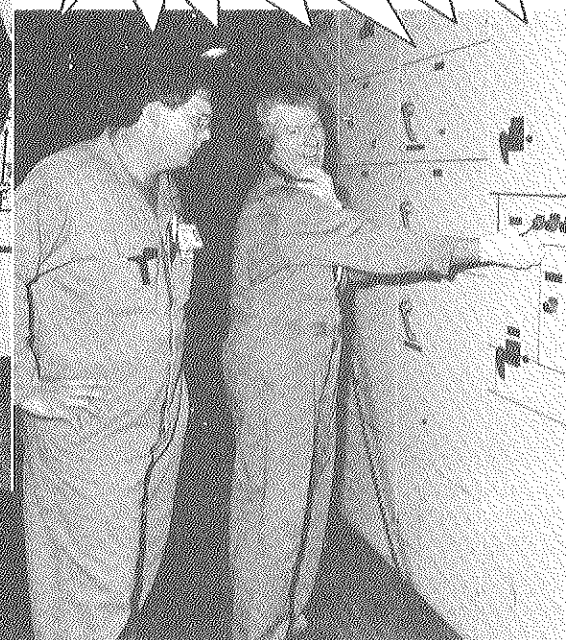
Shown above are those '000' Cascade Production Process Operators and supervision who were at the controls when Portsmouth met its cell recovery target of 72 '000' cells onstream. They include (front) Supervisor Rick Osborne, Debbie Durbin, Leroy McNelly, J.R. Miller, Al Ferguson, (back) Tom Horner, Jay Jenkins, Larry Jackson, Peggy Ward, Bob Wheeler, and Duane Godfrey. Dave Fosson, '000' Cascade Facility Coordinator, watches at right as Production Process Operator J.R. Miller returns Cell 33-2-9 onstream, helping Portsmouth to meet its target.

The Paducah plant set still another all-time, one-month production record of 647,612 SWUs (Separative Work Units) in October.

The record topped by almost 27,000 units the previous record set last May. That is enough fuel to meet the power needs of a city the size of Nashville, Tenn., for more than two years.

Prior to 1994, the production high at the 42-year-old plant had been in May 1979 -- about 43,000 SWUs less than the October 1994 record.

Also in October, Paducah averaged 1987 megawatts of production, highest since October 1977.



Portsmouth celebrates 40 years of production

Portsmouth celebrated its 40th anniversary of production with a tree-planting ceremony and a special luncheon honoring those employees and retirees from the plant with 40 or more years of service on Monday, September 26.

William H. (Nick) Timbers, President and Chief Executive Officer of the United States Enrichment Corporation (USEC), said he was pleased to share in the celebration of 40 years of successful operations. He compared the 1954 challenges of starting up a production facility to the 1994 challenges of competing in a worldwide market while keeping down costs.

"We're excited about the future," Timbers said. "To be successful, all of us have to join in this partnership, just like those of you who did it 40 years ago in the mud and dust."

A group of employees with 40 years of service took part in planting a flowering pear tree in honor of the event. They included Herma Mills, the most senior administrative person at the plant; Norman Potts, the most senior managerial person; Leonard Woodruff, who represented Karl Chapman, the most senior member of the Oil, Chemical and Atomic Workers Union Local 3-689; and Bill Flanagan, the most senior member of United Plant Guard Workers of America Local 66.

Blaine Beckman, Pike County Historian, served as special speaker at the morning ceremony, and the PORTS Fellowship Choir, consisting of plant employees, performed a special selection, written by choir director Sidney West (Maintenance, Engineering and Technical Support).

Plant Manager Dale Allen served as emcee of the event. Those who offered congratulatory remarks besides Timbers included W.E. Fields, President, Martin Marietta Utility Services, Inc.; Joe Parks, Assistant Manager for Enrichment Facilities, U.S. Department of Energy; Jan Denny

of U.S. Senator John Glenn's staff; and Congressman Ted Strickland. Other special guests included Margaret Hornbeck Greene, a director on USEC's Board, and State Representative Doug White, who presented Plant Manager Dale Allen with a special proclamation from the Statehouse. Also present were Ross County Commissioners Frank Hirsch and Donald Arledge as well as Pike County Commissioners Charles Osborne, Raymond Fout Jr., and Ralph J. Brewster.

At the luncheon, W.E. Fields, President, Martin Marietta Utility Services, Inc., presented special plaques to all the retirees and current employees who had accumulated 40 years of service during their careers at the plant as well as the members of the plant's first Production Training Class.

During the luncheon, Security Officer Bill Flanagan reminisced about the early days at the plant, and Deputy Plant Manager John Shoemaker presented "I Remember When," a video produced on plantsite that documented the plant's history and its progress over the past 40 years.

In addition, Wayne Cook, Greg Lang, and Tony Dryden, all plant employees who hold ham radio operator licenses, worked together to set up a special event station during the evenings of the week of September 26 to celebrate the occasion. During that time, they made contact with 456 high frequency (HF) stations and 78 local two-meter stations. Those who made contact with the special event station and sent a self-addressed, stamped envelope, received certificates commemorating the plant's 40th anniversary.



Portsmouth Gaseous Diffusion Plant current employees with 40 years or more of service were honored at the plant's 40th anniversary on September 26. They include (front) David Daulton, James Murray, Richard Varney, Charles Wakefield, Gerald Ashley, Leonard Woodruff, John Wettstein, Orlando Vita, Gerald Towler, Everett Strausbaugh, James Chandler, James Scott, Donald Overly, (back) Bill Flanagan, Bonadean Davis, Sid Secrest, Jason Atkins, Arturo Cardenas, Jack Crawford, Mabel Blair, Francis Green, Roger Friece, Herma Mills, William Masters, David Knittel, J.F. Newman, Norman Potts, Bill Landrum and Truman Brown. Not pictured were Donald Arnett, Donald Bradshaw, Carl Bush, Karl Chapman, Earl Creameans Jr., Charles Crumm, Eddie Evans, Richard Gibson, Donald Gilmore, Carol Hill, Charles Martin, Frank Perry, Kenneth Ralston, Samuel Ray, Marvin Rice, Walter Smalley, James Sullivan, Richard Vallery, Dale Wickline, and Glenn Williams.



Retirees with 40 or more years of service from the Portsmouth plant were honored at the plant's 40th anniversary on September 26. They included (front) W.T. Brown, Gilbert Callihan, Ferd Case, Gene Harris, Ramey Hoskins, Walter Miller, (back) Howard White, Bill Welch, Richard Walls, Kenneth Vulgamore, Norbert Vulgamore, Jules Ratliff and Dick Orlett. Not pictured were Richard Adams, Walter Arnold, Ralph Beabout, Howard Cutright, James Daily, Paul Davis, Otis Eblen, Joseph Hale, Robert Holland, E.V. Clarke Jr., Carl Miller, James I. Newman, William Pyles, Denver Ratliff, Virgel Smith, Charles Snedecor, and David Zelinski.



Members of the Portsmouth plant's first Production Training Class received special plaques at the facility's 40th anniversary of production. They include (front) Bill Kouns, Frank Lallow, Cecil Cottle, Clarence Ball, (back) Thomas Taulbee, Bill Reffitt, Norm Potts and Gene Marsh. Not present for the picture were Edgar Bibbey, Robert Christman, Clay Cottle, Allen Faris, David Freshour, Stanley Gillespie, Leo Johnson, Ivan Kouns, Robert Swick, Clifford Thomas, Charlie Kinker and Carl Rouse. Deceased members of the class include Bill Allen, Norman Reiter, and Marvin Whiteside.

USEC

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Uranium Enrichment News

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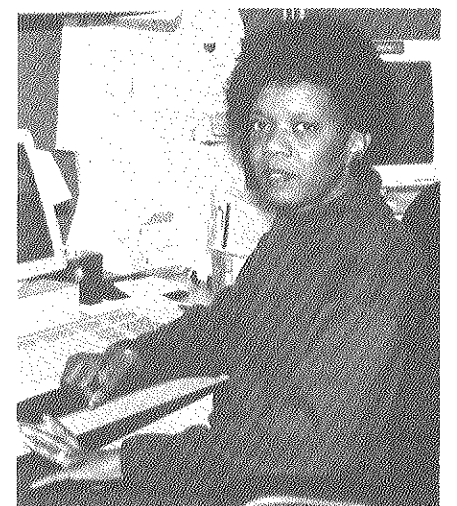
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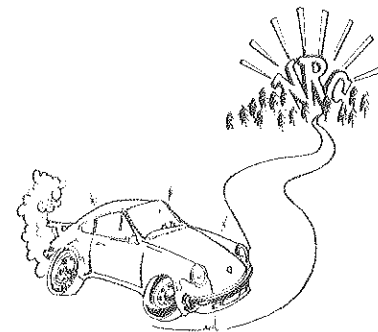


Published monthly for Utility Services employees such as Andrea Coffie of the Computing and Telecommunications Department in the Technical Operations Division at Paducah.

Getting to know our NRC inspectors

The Road to NRC

Editor's Note: "We're here to learn." That's how Ken O'Brien and Charlie Cox, the two Nuclear Regulatory Commission (NRC) senior resident inspectors assigned to Paducah and Portsmouth respectively, described their mission in their new positions. Both are new to gaseous diffusion plants with experience primarily in regulating nuclear power plants. But they are quick studies. They arrived at their respective plant sites mid-summer, and will serve in an observer role until the NRC assumes full regulatory oversight of the plants from the Department of Energy (DOE), which is expected sometime in the fall of 1995. In that role, they will be observing plant activities and documenting their observations in written reports every six weeks. The reports are provided to USEC and available to the public.



Ken O'Brien

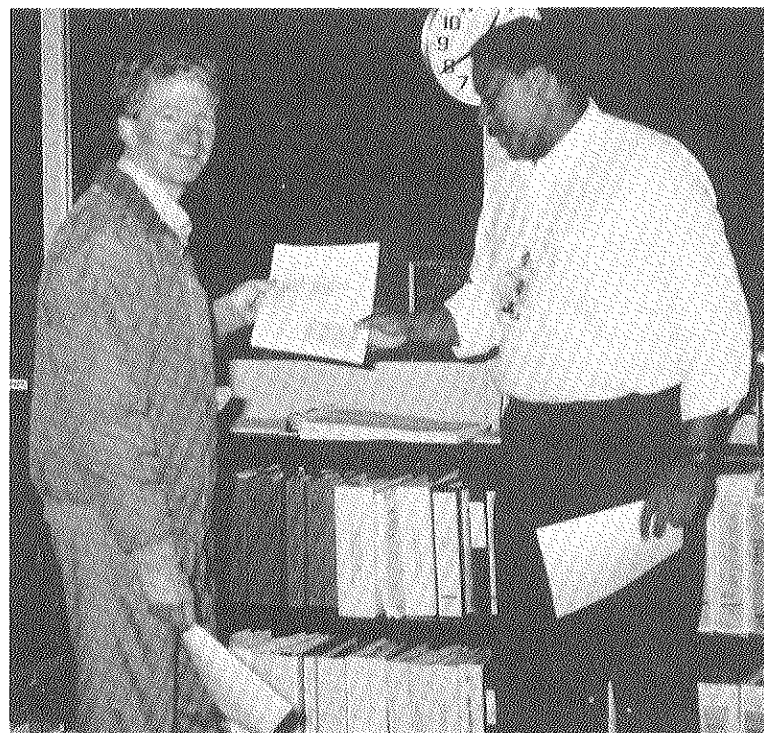
Profession: NRC Senior Resident Inspector, Paducah GDP, Paducah, Kentucky
Age: 36
Quote: "We want to encourage people to come talk to us if they have concerns about the plant."
Education: B.S., Nuclear Engineering, University of Wisconsin-Madison, 1986 Post-graduate work in nuclear engineering at UW-Madison
Experience: Radiation Consultant, State of Wisconsin, 1980-87
 Health Physicist, Department of Energy, Chicago, Illinois, 1987-1990
 Reactor Engineer, NRC Midwest Regional Office, 1990-1991
 Resident Inspector, Kewaunee Nuclear Power Station, in Wisconsin, 1991-1994
Approach to Learning about GDPs:
 Get to know the staff and managers, learn how the plant operates, impart regulatory knowledge and expectations to plant personnel, and pass on information to NRC management.
Biggest Challenge at the Plant:
 Opening up communications lines, finding problems and assuring they get fixed. Communication is key to the process. A questioning attitude and self-assessment are valuable traits in the NRC regulatory environment.
Typical Day: Walking the plant, observing activities and progress, and communicating with staff and management.
Favorite Thing About Kentucky: the people
Spouse: Debbie
Children: three boys--Corey, 11; Ben, 7; and Chad, 4.
Affiliations: American Nuclear Society and Health Physics Society
Hobbies: Spending time with my family, gardening and woodworking



Ken O'Brien, NRC's Resident Inspector at Paducah, looks over the controls along with DOE's Greg Bazzell and Mike Buckner, Deputy Manager, Cascade Operations.

Charlie Cox

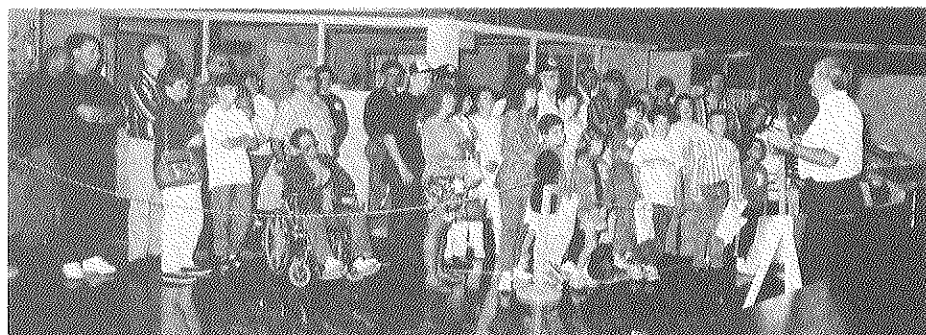
Profession: NRC Senior Resident Inspector, Portsmouth GDP, Piketon, Ohio
Age: 42
Quote: "The safest plants are usually the most cost-effective."
Education: B.S., Chemistry, University of Washington--Seattle, 1974; Graduate work toward a Master's degree in Business, 1981-83
Experience: Nuclear Submarine Division Officer in the U.S. Navy stationed on a submarine in Pearl Harbor, 1974-1980
 Senior Reactor Operator, Fast Flux Test Facility in Hanford, Washington, 1981
 Emergency Planning Consultant, Iowa Electric, Duane Arnold Energy Center, 1983-85
 Emergency Planning Specialist, Pacific Gas & Electric Diablo Canyon Nuclear Plant, San Luis Obispo, Calif., 1985-1990
 Emergency Planning and Licensing Engineer, Portland General Electric, Trojan Nuclear Power Plant, Portland, Oregon, 1990-1991
 Non-power Reactor Project Manager/Inspector, Radiation Specialist and member of Gaseous Diffusion Task Force for NRC's Midwest Regional office, Lisle, Illinois, 1991-1994
Approach to Learning about GDPs:
 Classroom and on-the-job training to get up to speed quickly.
Biggest Challenge at the Plant:
 Changing the culture by empowering people to do their jobs, holding people accountable and promoting a strong safety culture.
Typical Day: Meet the various department heads, attend the morning meetings, review events from the previous day in operations, production and maintenance, among others, walk the plant and attend shift turnovers.
Favorite Thing about Ohio: Columbus
Spouse: Janey
Children: Brianna, 9, and Ryan, 5.
Affiliations: None
Hobbies: Computers, Home Brewing



Charlie Cox, NRC's Resident Inspector at Portsmouth, looks over some paperwork with Assistant Plant Shift Superintendent Keith Williamson during a visit to the Plant Control Facility.

Portsmouth hosts Family Day activities

Approximately 2,000 people--plant neighbors, employees, retirees and their families--attended Family Tour Day at the Portsmouth plant on Saturday, September 24, as part of the plant's 40th anniversary celebration. Family Tour Day participants received an orientation from plant management prior to a bus tour of the plant. Tour stops included the X-300 Plant Control Facility, the X-343 Feed and Feed Sampling Facility, the X-344 Product Sampling and Shipping Building, and the X-720 Maintenance and Stores Building. Divisional displays were also available for guests to visit. Connie Eckhart of Quality Systems served as Coordinator of the event.



Above, Keith Banks (Chemical Technology) performs a Science Demonstration for Family Tour Day guests at the Portsmouth plant on September 24. At left, Bob Winegar, Department Manager, Cascade Coordinator, explains operations inside the X-300 Plant Control Facility.

UE plants focus on safety with special fairs

In order to promote safety awareness, both plants recently conducted Safety Fairs at their respective sites. The Industrial Hygiene and Safety Department at the Portsmouth plant sponsored a Safety Fair during the week of September 12-16, and Paducah sponsored a Safety and Health Fair during October.

Portsmouth

The Portsmouth fair consisted of displays and handouts which covered such topics as injury/illness statistics, first aid, health physics, industrial hygiene monitoring, ergonomics, physical fitness, respiratory protection, proper protective equipment, electrical safety, lab safety, firearms safety, defensive driving and confined spaces. Representatives of the Ohio Power Company and the Ohio Department of Transportation also gave special presentations on electrical safety and seat belt usage.

Jayne Crabtree and Alberta Hammond, of Portsmouth's Industrial Hygiene and Safety Department, co-chaired the event. Those with exhibits at the fair included the Police Department, Medical Services, Technical Operations, Health Physics, the Fire Department, the X-333 Electrical Maintenance Department, and the Industrial Hygiene and Safety Department. In addition, the Health and Safety Department for Martin Marietta Energy Systems, Inc. (MMES), participated. Personnel from the plant's various crafts also provided support that was essential to the Safety Fair's success.

Approximately 2,500 employees of MMUS, MMES, the United States Enrichment Corporation, and the Department of Energy attended Portsmouth's Safety Fair, and each visitor received an extension cord equipped with a ground-fault circuit interrupter. In addition, the Industrial Hygiene and Safety Department conducted a safety slogan contest for plant employees. Winning slogans will be read during the next few weeks over the plant's Public Address system.

On the first day of the fair, the Industrial

Hygiene and Safety Department held a recognition ceremony for the Area Safety Committee Representatives at the plant. Special speakers included Dale Allen, MMUS Plant Manager; Joe Moore, Deputy Division Manager, Safety and Health; Dave Taylor, MMES Site Manager; and Herman Potter, Union Safety Representative, OCAW Local 3-689. Each representative received a gift of appreciation.

Paducah

Paducah's October Safety and Health Fair included information about nuclear safety, hand protection, ergonomics, hearing protection, radiological safety, fire safety, healthy diet and more. This year's fair is the first of its type to be held at Paducah. The Safety and Health Division sponsored the fair and selected the theme "Advocates of Worker Protection and Health" for the event.

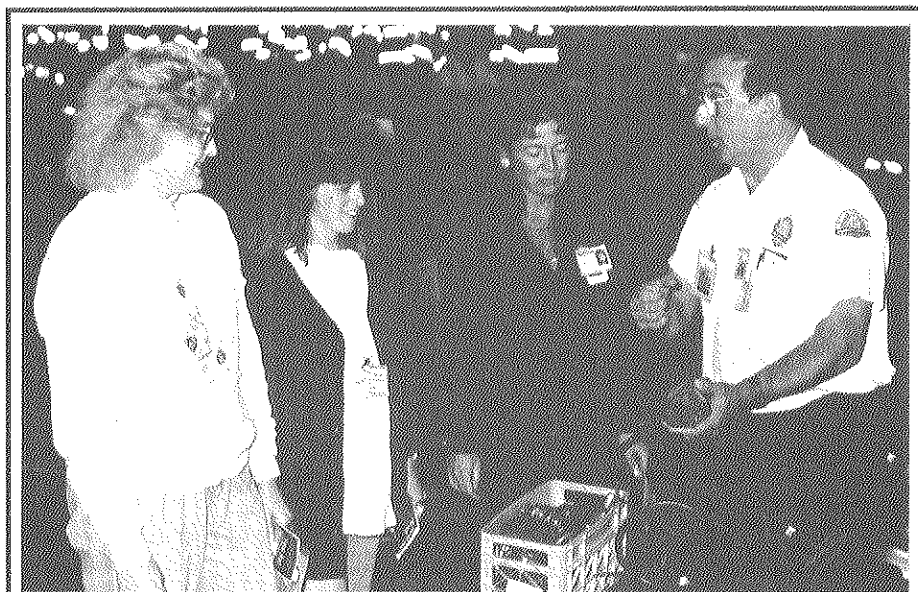
Approximately 1,700 employees passed through the educational displays. Six displays, set up outdoors beneath a tent, were colorful and informative. As they moved about the area, employees had a chance to test their criticality safety knowledge, find out how easy it is to become entangled in moving equipment, to try out different kinds of safety gloves, to see just how much fat really is in "fast foods" we eat, to learn more about off-the-job x-ray exposure, to learn to operate fire extinguishers, and to understand the importance of wearing hearing protection.

Soft drinks and popcorn served by the Paducah Values Council added to the fun and festive spirit. Employees also received their annual safety incentive awards, emergency car kits with jumper cables, flashlight, flares, tire inflater, emergency "help" sign, reflector vest and ice scraper.

Organizers were Bob Maurer of Nuclear Safety, Carol Baltimore of UE Training, Clark Crowe of Industrial Hygiene, Donna Hayes of Health Services, Ron Fowler of Health Physics, Scotty Ray and Nancey Pierce of the Values Council, and Chairman Janet Matlock of Industrial Safety.



Above, Plant Manager Dale Allen receives his free extension cord for visiting the Portsmouth plant's Safety Fair in September. Members of the Industrial Hygiene and Safety Department which sponsored the fair included (from left) Jayne Crabtree, Alberta Hammond, and Sharon Coleman.



National Fire Protection Week observed

National Fire Prevention Week was observed at both plants during the week of October 9-15. This year's slogan was "Test Your Detector for Life." Portsmouth's Fire Department conducted an open house on Wednesday, October 12. Activities included Hurst Tool (Jaws of Life) demonstrations, water games, refreshments, door prizes, informational literature and toy-finder stickers. Above, Shift Captain Lonnie Sayne demonstrates some equipment for Tammy Marsh, Kelly Sherwood, and Ellen Kelly. Paducah's Fire Services Department recognized Fire Protection Week with informational videotapes, demonstrating fire extinguishers and distributing fire protection information.

Paducah conducts emergency exercise

A simulated commuter aircraft crash into a process building provided lots of chaos for the September 14 annual emergency preparedness exercise at Paducah Gaseous Diffusion Plant.

In one of the most challenging exercises yet, a "Dixie Airlines" plane carrying seven passengers and two crew members hit the upper northeast corner of Paducah's C-337 cascade building. The crash caused a lube oil fire, significantly damaged process equipment and systems, triggered a variety of alarms, and posed the threat of offsite environmental contamination. There were multiple simulated injuries and fatalities.

The exercise involved many mutual-aid organizations, including Paducah hospitals and ambulance service, local fire departments, state and local Disaster and Emergency Services, and Paducah Airport Corporation. Emergency operations centers at the plants, USEC Headquarters and DOE-Oak Ridge were activated. Mock media briefings were held at the Joint Public Information Center.



A victim awaits an ambulance.



A firefighter evaluates a simulated trapped victim.



A mannequin simulates a trapped victim.



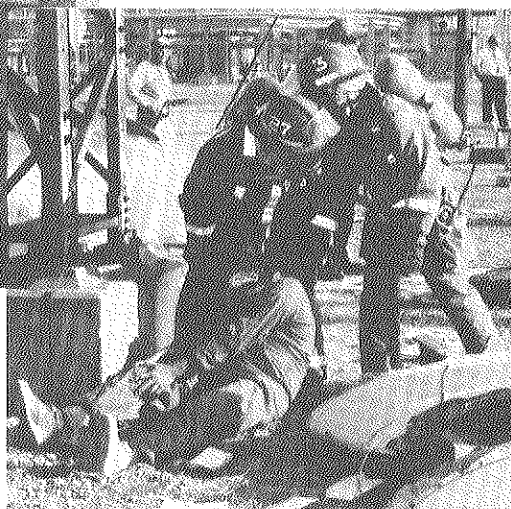
A firefighter summons help for an injured worker.



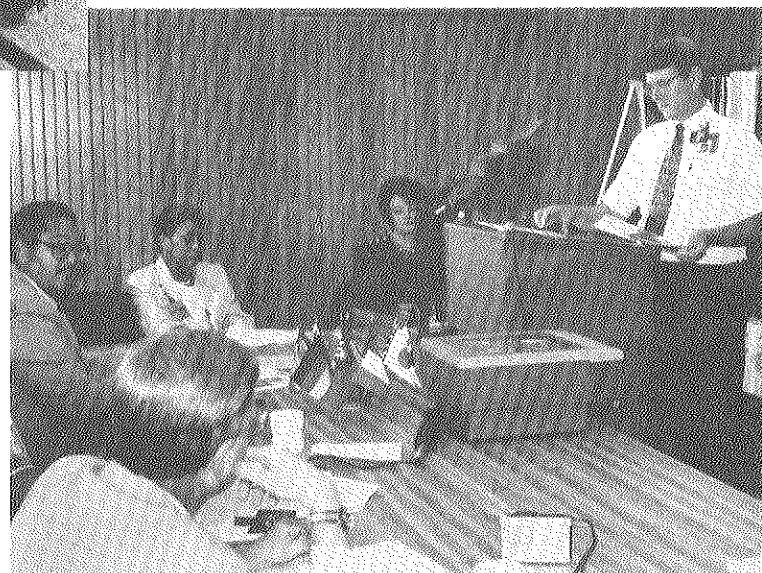
Freed from wreckage, a survivor is moved to an ambulance.



Simulated "injuries" are applied for the exercise.



Firefighters rescue an injured person.



A mock press briefing is held at the Joint Public Information Center.

1500 at Paducah review Radiological Work Permit System

Rules without reasons are always hard to accept. So Paducah's Health Physics organization recently spent several weeks helping people understand the reasons behind the plant's Radiological Work Permit Program and why following the rules it sets is so important.

The Radiological Work Permit (RWP) Review Course was developed after the plant received Notices of Violation from the Department of Energy for multiple violations of the RWP system. All employees and subcontractor personnel who might enter radiation or contamination areas at the plant to perform work were required to attend. Fifty-one one-hour courses taught by Brett Chenier, Paul Moore, Linda Steger and Ron Fowler gave 1500 people an opportunity to review the RWP regulations and most important, a chance to question the Health Physics organization about why the regulations apply and how they are arrived at.

"The questions we received during the courses were excellent, and provided an opportunity for HP to respond to many commonly held opinions regarding RWPs," said Ron Fowler, HP Special Projects and Training Coordinator. "Sometimes the debates during the sessions were a little loud, but that's okay because it means people are thinking about the rules and letting us know why they have prob-

lems with them. That's the only way we can get past resentment of the rules and on to acceptance."

Radiological Work Permits are a system for planning work in radiological areas, documenting the work requirements and personnel protective equipment required and controlling entry to work in radiological areas.

They identify existing conditions in the work area, specify protective requirements, and communicate that information to radiological workers. They are required for entry into contaminated or radiation areas, except for a few radiation areas specifically exempted by the Radiation Protection manager.

There are two basic types, general permits and job specific ones. General RWPs are written for minor activities such as inspections, in areas where radiological conditions are not expected to change frequently or suddenly. They are good for one calendar year.

Job-specific RWPs are written for particular work, are active for a limited time and expire at the completion of the job or task.

The class was well received and should greatly improve compliance in this critical area. "Our goal is to make this a 'win-win' situation for both HP and our radiological workers," Fowler explained.

Building a Lean Machine

Focus on Cost Reduction Activities

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

Robert Eaton, CEO of Chrysler Corporation, stated recently that the only way to beat the competition is with your people. When all is said and done, MMUS' primary resource for driving down SWU production costs is the commitment, expertise, and imagination of its employees. The future of USEC/MMUS is, quite literally, in the hands of each and every one of you.

During the past six months, MMUS employees at both the Paducah and Portsmouth sites submitted nearly 200 well thought out, actionable cost savings suggestions. The suggestions ranged in potential impact from a few hundred to a few million dollars per year each. Many presented permanent cost reduction opportunities.

By implementing about one-third of these suggestions, several million dollars were saved in Fiscal Year (FY) 1994. The remaining suggestions are set to be implemented in FY1995, and additional suggestions are being received for evaluation daily.

MMUS management is impressed with these results. USEC management is also pleased, and USEC's utility customers will ultimately benefit from more competitive pricing of enrichment services. More competitive pricing should yield new sales and increase future production needed from the gaseous diffusion plants (GDPs).

Working with USEC management, we've set an ambitious goal for FY1995. By

the end of the year, USEC intends to be head-to-head cost competitive with our competition in the world market. During FY1995, a large portion of MMUS' incentive fee earnings will be tied directly to cost reduction performance.

As discussed in last month's column, the competition never rests. As you reduce your costs, so will they in an effort to keep the customers you are trying to entice away. Hence, this is the start of an ongoing journey.

USEC/MMUS has a lot of company in this journey. The world has become smaller, and competition is everywhere. We will be joining the ranks of U.S. automakers, airlines, telecom services, electric utilities, and other high tech companies striving to retain a profitable niche in the face of fierce competition. A number of pioneers--companies such as the Xerox Corporation, who in the 1980s were startled to learn that their competitors' retail prices were less than their production costs--have already blazed the trail and are once again forces to be reckoned with in the marketplace.

With your continuing commitment, USEC/MMUS will also successfully travel this path. If you have a cost savings suggestion, make it known. Discuss your ideas with your supervisor or division cost reduction representative. Send an electronic mail message to BONNERTN (Portsmouth), DEWJR (Paducah), or MILLSPC (MMUS Headquarters). Call the MMUS-HQ Cost Reduction Hotline at (502)441-5974. Your input is important and appreciated.



Portsmouth employees watch as Plant Manager Dale Allen unplugs the Berthold monitor during the first phase of contamination reduction efforts in the X-330 Process Building. They include Larry Eldridge (Maintenance Facility Coordinator in the X-330) and Health Physics employees Steve Howie, Kay Schultz, Randy Ruffin, and Greg Tannehill. (See Contamination Reduction article at right.)

What are teams?

Continuous Improvement

People working together in groups or "teams" to accomplish specific tasks are one of the most common elements of Continuous Improvement. It's important to understand how a particular team is supposed to function in order to evaluate its effectiveness. This month we look at self-managed work teams.

What is a self-managed work team?

A self-managed work team (SMT) is a group of people who work together to provide a product or service to a customer. They are empowered to make daily decisions on their own without the need of a supervisor to direct their work. Every group is ultimately managed by someone, but the SMT oversees its own day-to-day business.

What makes an SMT work?

SMTs require people to be willing to take responsibility to conduct their work in an adult manner. SMTs require trust from management and from the team members. Team members have to learn skills for measuring their work, controlling budgets, group decision making, working out problems, and resolving conflicts.

Regular meetings

The SMT needs to set aside a regular time to conduct team business. Responsibility for running the meeting might rotate among team members. Business meetings need to cover issues such as performance indicators, budget, safety, training and vacation schedules.

Performance indicators

Each team needs to identify a set of performance indicators which help the team track its overall performance. Six to eight indicators need to be used to follow internal issues such as safety, budget and productivity, as well as external issues like cost to customers, time required to provide a service, and customer complaints.

Customer driven

SMTs are customer driven. There is no supervisor to make decisions and check up on people. The team takes responsibility

for its own conduct in order to satisfy the customer.

Diversity helps the team

Some people think an SMT will work if everyone on the team is alike and there are no conflicts or differences of opinion. This is wrong. A healthy team is made up of people with diverse backgrounds and experiences. Some team members like to analyze situations. Some like to jump in and make a decision. Some focus on how people feel about issues. Others want to look at the data or get to the bottom line. Diversity provides the building materials for a strong, synergetic team.

Group decision making

Those who create tend to support. It is easy for one person to make decisions and tell people what to do. Of course, those who are told what to do often don't do it. Why? No involvement in making the decision means no support for the decision. SMTs need everyone to help make major decisions. Minor decisions might be delegated to team members.

Rotating responsibilities

Some jobs can be delegated to team members and then rotated around the team over time. One team member might take responsibility for purchase acquisitions and another for safety. One might be assigned to attend management's staff meetings while another might cover environmental regulations. The normal desk work of a supervisor can be divided among the team members to provide new experiences. These experiences can be rotated to give everyone new things to learn and new perspectives about how the organization works.

Working with boundaries

It is vital for the SMT to know what its boundaries are. The team is authorized to make decisions within these boundaries. Boundaries may include conditions related to safety, procedures, training, budget, schedules, radiation protection, environmental regulations, staffing overtime or job coverage. Boundaries are set by the management which has oversight for the team's activities.

Contamination reduction efforts at Portsmouth

Contamination Area Reduction Committee

When it comes to contamination reduction efforts, Portsmouth employees are listening to each other. In May, Portsmouth formed a Contamination Area Reduction Committee (CARC) consisting of Ken Whittle (Cascade Operations), Gregg Coons (Cascade Maintenance) and Mike Gill (OCAW). This committee's responsibilities include providing lessons learned, nurturing the sharing of information and ideas, aiding in the establishment of goals for all plant facilities, and providing a means to track successes and failures, thereby identifying problem areas to plant management.

Since its formation, the CARC has conducted several meetings. In July, the committee sponsored a lessons learned forum on contamination reduction efforts in both the X-333 Process Building and X-710 Laboratory. They facilitated the forum to help share information and accomplish critical self-assessment with a goal of sharing the lessons learned with other facilities.

Gill began the forum by discussing some of the "phases" of radiological awareness the plant has gone through in recent years. He focused on the importance of implementing effective contamination control programs to provide a safe, cost-effective, better workplace.

Representatives from both facilities gave presentations covering the "pros and cons" of their reduction of contaminated areas. Wayne Cook of the X-710's committee felt that one of the most valuable lessons learned in the X-710 was to "learn from your mistakes." Members of that facility's com-

mittee focused on reducing contamination one lab at a time by evaluating the controls and implementing improvements as they go.

As for the X-333 Process Building, Butch Jones and Bob Renner attributed their facility's success to the involvement of all facility personnel, saying that these people's contributions cannot be underestimated.

Whittle facilitated an interactive question and answer session during the forum.

"It was the single most positive thing that happened at the plant in the last year to impact people's attitudes about getting to and from their worksites."

Dale Allen, Plant Manager

A wide variety of issues was discussed ranging from waste segregation and janitorial service to Radioactive Material Storage and innovative methods that facilities developed to support "tighter" contamination control such as labeling burn drums to identify "do's and don'ts" and the use of a "clamshell" (a type of radiological containment device) to control the spread of radioactivity when moving polybottles (bottles that can be used for storage of liquid radioactive material).

Despite the increased difficulty and level of attention on improved contamination control, all participants involved agreed the efforts were worth it. Participants agreed that the entire effort represents a

significant cultural change to the way Portsmouth does business. In addition, they agreed that the "commonsense" approach being used through cooperation between Health Physics and facility personnel will foster success.

Plant Manager Dale Allen also took part in the forum, stating that it was very refreshing to see people working together to implement improved practices. He told the participants that he believes the opening of the X-333 operating floor was the "single most positive thing that happened at the plant in the last year to impact people's attitudes about getting to and from their worksites." He was referring to the relocation of the Contamination Control Zone boundary (the point at which exit monitoring is required) on the operating floor of Portsmouth's X-333 Process Building. On January 12, 1994, the boundary was moved closer to the source of contamination, representing a reduction of approximately 28 acres (1.3 million square feet) in potentially contaminated floor area. Allen also stated that this relocation helped to increase production at the plant and reduce frustration.

In September, baseline performance indicator data gathering was completed. Another September highlight was a trip by Portsmouth's Phil Borris (Health Physics) to the Paducah plant to discuss contaminated area reduction. He attended meetings with Health Physics personnel, toured the C-335 facility and shared lessons learned from Portsmouth's experience.

October's developments included an Area Safety Committee co-chair meeting with Gill and Whittle of the CARC to discuss how to improve the dissemination of information. In addition, all three CARC members traveled to Paducah to make a presentation to Paducah's Leadership Council on the committee's achievements. They

also attended breakout meetings with various company and union personnel.

X-330 Process Building

The X-330 Process Building has formed its own CARC, and members have laid out a plan to implement the same type of facility controls as the X-333. Members of the committee include Dan Wilburn, Phil Borris, Mike Walters, Marty Ross, Paul Smith, Larry McCartney, Greg Tannehill, Phil Howe, Richard Adams, Gary Colley, Kevin Clausing, David Quillen, Paul Adams and Larry Eldridge.

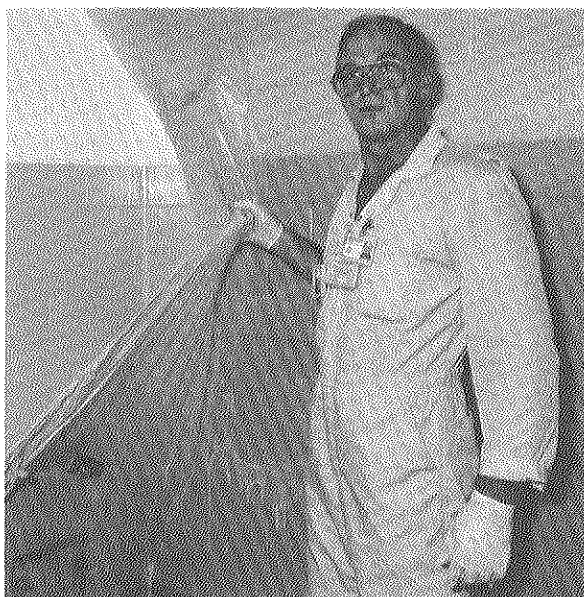
On August 1, radiological exit monitoring requirements from the walkways serving Area Control Room #2 and the Maintenance Area in the X-330 were relaxed due to comprehensive radiological characterization, an intensive routine survey program, and identification and segregation of radioactive material accomplished by Health Physics and facility personnel utilizing in process work surveys. These steps were all identified in the facility's Contaminated Area Reduction Plan implemented with the help of all X-330 personnel. Through September and October, X-330 and Health Physics personnel at Portsmouth identified, characterized and tagged radioactive material (equipment) on the operating floor. They have also started limited use of a decontamination solution that will be used to coat parts and equipment after relocation. The X-330 Building's plan calls for implementation of controls already adopted by the X-333 Building last December. The accomplishments this facility has realized highlights the importance of people working to solve problems or implement improvements by focusing on one piece of the puzzle at a time.

Accident claims HP Supervisor

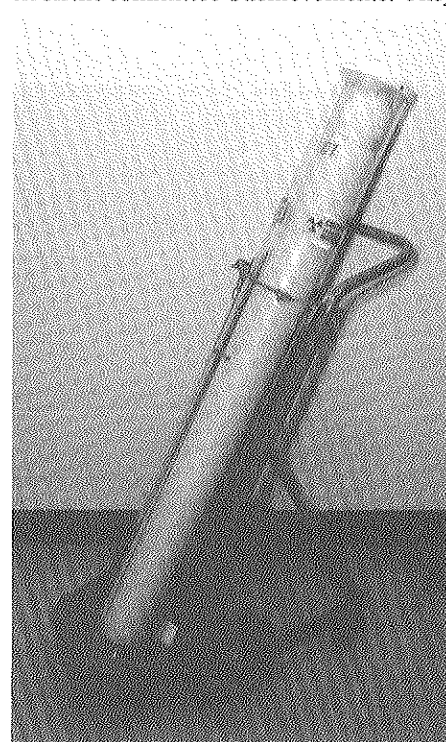


Raque

The Portsmouth plant and its Health Physics Department suffered a huge loss in October. Larry Raque, 32, a Supervisor in that department, died Thursday, October 20, at Grant Hospital in Columbus. His death was the result of injuries sustained in a car-motorcycle accident he was involved in while on his way to work on Wednesday, October 19. He is survived by his wife Julie and two children, Patrick (age 2 1/2) and Chelsea (age 7 months). A special memorial fund was set up at the Atomic Employees Credit Union. All donations will be given to his family to assist their financial needs at this time. On Tuesday, October 25, a memorial service was conducted in Larry's honor at the X-1000 Flagpole. Several employees attended the service, the PORTS Fellowship Choir sang, and eulogies were offered by Plant Manager Dale Allen, Deputy Plant Manager John Shoemaker, Health Physics Department Manager Gary Medukas, and co-worker Ken Whittle.



At right, Gary Colley, Chemical Operations Supervisor in Portsmouth's X-330 Process Building, performs decontamination solution removal in the X-330 Process Building. This process has proven effective in removing contamination embedded in surfaces.



"Clamshell" devices, such as the one pictured above, are used as containments for transporting polybottles to prevent potential spread of radioactive contamination.

The label at left is used on burn drums in the X-333 Process Building.

SANITARY TRASH ONLY ABSOLUTELY NO:

- Waste from Contamination Control Zones/Contamination Areas
- Waste from RCRA waste generating activities
- Waste from PCB sources
- Waste from asbestos sources

UE employees receive promotions

Bill Thompson has been named Human Resources Director for Martin Marietta Utility Services, Inc. He reports to W.E. Fields, MMUS President.

His responsibilities include directing Human Resources programs at the Paducah and Portsmouth plants as well as MMUS Headquarters at Bethesda, Md.

Prior to this promotion, Thompson served as Human Resources Division Manager at Paducah. He joined the Paducah plant as an engineer in 1969.

Thompson holds a bachelor's degree in chemical engineering from the University of Kentucky and a master of business administration degree from Murray State University.

He and his wife, Brenda, have two children, Blake and Benjamin. They live in Paducah. Thompson serves as a deacon at the First Baptist Church in Paducah.

Steven A. Wagner has been promoted to Coordinator of Capital and Reliability Projects for Enrichment Technical Support.

His responsibilities include overall coordination of construction and reliability projects at the Paducah and Portsmouth Gaseous Diffusion plants.

Wagner has worked for the company since 1979 when he was hired as a design engineer at Paducah. Since then, he has served as Construction Contract Coordinator, Project Engineer, Deputy Manager of Environmental Restoration and Project Management Supervisor.

In 1992, Wagner received the Martin Marietta Energy Systems Management Award. He holds a bachelor's degree in civil engineering from Tennessee Technological University. He and his wife, Susan, have two children, Matthew and Katie. They live in Paducah.

Dave Lassiter has been named Manager of Paducah's Quality Assurance Division. He reports to Steve Polston, Plant Manager.

His responsibilities include supporting the development and implementation of quality programs for USEC and MMUS. He will also help the plant prepare for regulation by the U.S. Nuclear Regulatory Commission (NRC) in late 1995.

Lassiter began working at the plant in 1990 as the Uranium Enrichment Performance Improvement Program Manager. He became Manager of the Nuclear Safety Department in 1991. Prior to coming to Paducah, Lassiter had been employed in the nuclear industry, working with the U.S. Department of Energy, NRC, commercial nuclear facilities, nuclear industry trade groups and a variety of other local, state and federal agencies.

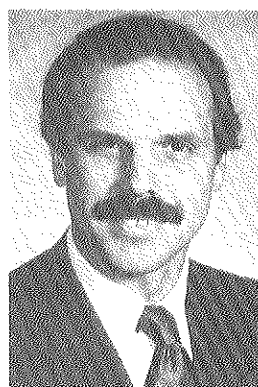
He is a plenary member of the Health Physics Society, member of the American Nuclear Society, and received the meritorious service award from the Secretary of Energy in 1984 for a project at the St. Lucie Nuclear Power Plant.

Lassiter has a bachelor of science degree in nuclear engineering from the University of Oklahoma and a master of business administration degree from the University of South Carolina.

Lassiter is a member of the Boy Scout Four Rivers Council Board of Directors and has been actively involved in private



Thompson



Wagner



Lassiter



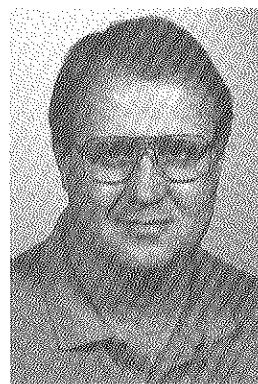
Cage



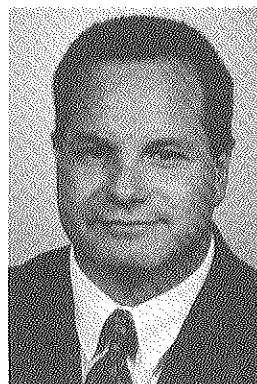
Frazier



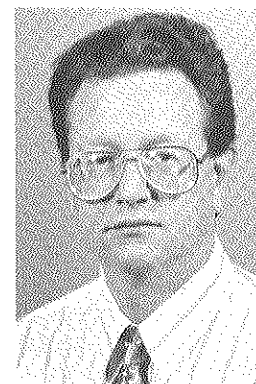
Saraceno



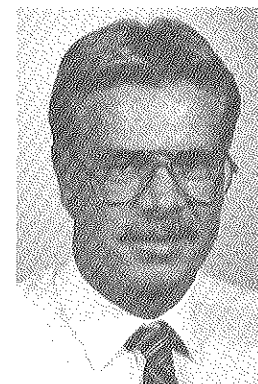
Armstrong



Deffenbaugh



Medukas



Oppy

fundraising activities and various program activities. He is a member of the Paducah Rotary Club and of Broadway Methodist Church where he serves on the Finance Committee and as an usher.

Lassiter and his wife, Sharon, have two children, Paul David Jr. and Phillip Andrew. They live in Paducah.

Frank Cage has been named Deputy Manager of Paducah's General Plant Support Division. He reports to Dave Sampson, Division Manager.

Cage has worked at the plant since 1976. His previous positions have included Manager of the Electrical Maintenance Department; the Process, Utilities and Shift Maintenance Department; and the Maintenance Administrative Services Department. He most recently served as a Plant Shift Superintendent.

Cage holds a bachelor's degree in electrical engineering from the University of Missouri at Rolla.

He and his wife, Glenda, have two children, Frankie and Christy. They live in Wickliffe and attend the First Baptist Church of LaCenter.

Dr. Ralph K. Frazier has been promoted to Medical Director in the Safety and Health Division at Paducah.

His responsibilities include direct operation of the plant's Health Services Department. The Department provides in-depth health evaluations, diagnoses and treats occupational injuries and illnesses, diagnoses and treats acute, short-term nonoccupational illnesses, provides emergency medical support, employee assistance counseling and health promotion programs.

Frazier has worked at the plant for one year. His medical degree was earned at the University of Illinois College of Medicine. He served in the U.S. Navy Air Corps. He and his wife, Mollie Jean, live in Metropolis.

They have four children: Philip, Suzanne, Elizabeth and Martha.

Ken Newton has been named Director, Central Procurement. He reports to David Stansberry, Director, MMUS Business Operations.

Newton came to the plant in September 1973 as a Buyer and was named a Senior Buyer in February 1980. He was promoted to Section Head, Purchasing, in February 1981, and a Section Supervisor in March 1991. In October 1991, he was named Superintendent, Purchasing.

Newton graduated in 1973 from Ohio University with a bachelor of science in industrial technology. He is a member of St. Peter's Church.

He and his wife, Patty, live in Chillicothe. He has two children, Brian and Brooke.

George S. Price is Department Manager, General Plant Support, at the Portsmouth plant. He reports to Dale Allen, Plant Manager.

Price came to Portsmouth from the Department of Energy's Oak Ridge Y-12 Plant where he began in 1969 as a Maintenance Engineer. In 1979, he became a Department Head of Maintenance Administrative Services. He transferred in 1984 to serve as Department Head of Maintenance and Utilities Engineer and became Division Manager of Y-12's Maintenance and Utilities Division in 1989. Before joining Y-12, he served as an Industrial Engineer for Olin Mathieson in East Alton, Ill.

A native of Rogersville, Tenn., Price graduated in 1968 from the University of Tennessee in Knoxville with a bachelor of science in industrial engineering. He is a Senior Member of the Institute of Industrial Engineers. In addition, he has earned two Martin Marietta Awards of Excellence.

Price and his wife, Brenda, live in McDermott. He has two children, Angela and Ashley.

R. Douglas Arnett has been named Superintendent, Purchasing. He reports to John Henricks, Division Manager, Business Management.

Arnett came to the Portsmouth plant in June 1974 as a Buyer. He became a Senior Buyer in January 1980 and was named a Supervisor in the Purchasing Department in March 1989. He had served as Acting Superintendent since February 1993.

Arnett graduated from Ohio University in 1974 with a bachelor of science in industrial technology. He has won two Martin Marietta Operations and Support Awards.

He lives with his wife, Kathy, in Lucasville. He has three children, Kristyn, Aaron, and Morgan.

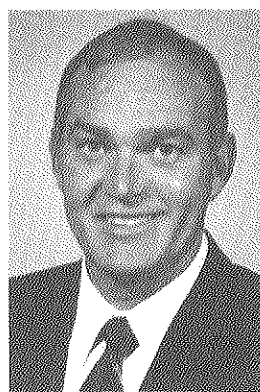
Tony Saraceno has been named Superintendent, Materials and Equipment Technology. He reports to Chuck Harley, Division Manager, Technical Operations.

Saraceno joined the Portsmouth plant in October 1967 as a Scientist in the Chemistry Department. In August 1982, he was promoted to Supervisor, Process Technology, and in September 1984, he was made Supervisor, Chemical and Materials Technology. He became a Supervisor, Chemical Technology, in March 1990 and was promoted to Manager of that department in October 1992.

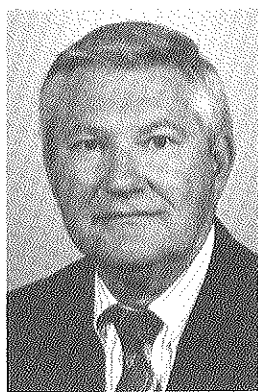
Before coming to Portsmouth, Saraceno served as a Chemist for the Gulf Oil Corporation in Harmanville, Penn., and a Project Leader for the Atochem Corporation (formerly known as Pennsalt Chemicals Corporation) in King of Prussia, Penn.

Saraceno received a bachelor of science in chemistry from St. Vincent College in Latrobe, Penn. in 1955. In 1958, he received a PhD in chemistry from the University of Notre Dame. He is a member of the American Chemical Society.

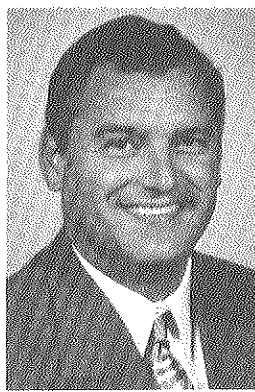
He has received 12 patents involving materials and process improvements, has had 25 technical articles published in ma-



Newton



Price



Arnett

for scientific journals, and he given five presentations at the National American Chemical Society Symposia meetings.

A native of Italy, Saraceno lives in Waverly with his wife, Edie. He has a daughter, Rochelle.

Dick Armstrong has been named Department Manager, Field Decon and Support Services. He reports to Jim Anzelmo, Division Manager, Chemical, Utilities, and Power Operations.

Armstrong came to the plant in August 1974 as a Utilities Operator. In May 1976, he became a Distribution and Inspection Operator and was promoted to Utilities Supervisor in August 1990. He became a Facility Coordinator in November 1992.

Armstrong has taken courses at Shawnee State University and currently holds a Water Supply I License, a Wastewater I License, and a Third Class Steam Plant Stationary Engineer License—all from the State of Ohio.

Armstrong is a member of Wesley United Methodist Church, the Jackson High School Band Boosters, and the Jackson Lick Middle School Parent Teacher Organization. He and his wife, Brenda, live in Oak Hill. He has three children, Patrick, Abigail, and Ellen.

Joe Deffenbaugh has been named Department Manager, HEU Cascade. He reports to Buck Sheward, Division Manager, Cascade Operations.

Deffenbaugh started at the Portsmouth plant as a Production Process Operator in March 1977. In March 1981, he became a Process Area Supervisor, and in October 1982, a Gas Centrifuge Enrichment Plant (GCEP) Process Area Supervisor. From 1986 to 1987, he served as a Field Service Engineer for Telesis Controls Corporation in Chillicothe. In February 1987, he returned to the plant as a Process Area Supervisor in the X-333 Process Building. He was promoted in June 1990 to Assistant Cascade Coordinator in the Plant Control Facility and became a Cascade Coordinator in July 1992.

Originally from Orlando, Fla., Deffenbaugh received a bachelor of science in business administration from Ohio University in 1993. He also attended Capital University. He is a member of the Chillicothe Soccer Boosters and Chillicothe Alumni Association.

He and his wife, Kay, live in Chillico-

the. He has two children, Heather and Adam.

Gary Medukas has been named Department Manager, Health Physics. He reports to Roger McDermott, Division Manager, Safety and Health.

Medukas came to the Portsmouth plant in February 1991 as a Health Physics Supervisor and was named Operations Supervisor in that department in October 1992. He had served as Acting Department Manager since October 1993.

A native of Grand Rapids, Mich., Medukas is a 1974 graduate of the Naval Nuclear Power School which he attended in Vallejo, Calif., and Idaho Falls, Idaho. He served with the U.S. Navy for 10 years as an Engineering Laboratory Technician. He later served as a Health Physics Technician and then a Site Coordinator for Numanco, Inc. Prior to coming to Portsmouth, he was a Site Coordinator at the Point Beach Nuclear Plant in Two Rivers, Wisc.

Medukas is a registered member of the National Registry of Radiation Protection Technologists (NRRPT), and he is also a member of the Fraternal Order of Eagles and the American Legion.

Gary lives in Waverly. He has four children, Chad, Scott, Timothy, and Tiffany.

John Oppy has been named Department Manager, Decontamination Services. He reports to Jim Anzelmo, Division Manager, Chemical Utilities and Operations.

Oppy came to the Portsmouth plant in May 1975 as a Chemical Operator. In February 1980, he was promoted to Shift Supervisor in Chemical Operations, and in May 1982, he assumed that same position in the Process Operations Department of the Gas Centrifuge Enrichment Plant (GCEP). In December 1987, he became a General Supervisor for GCEP's Utilities Operations Department. He returned to the gaseous diffusion plant to serve as a General Supervisor for Chemical Operations in October 1989.

Oppy served as a member of the Air Force Reserves for 11 years. During that time, he received the Air Force Commendation Medal. He has also attended Ohio University.

Oppy and his wife, Patti, live in Lucasville. He has two sons, Jeremy and Andrew.

Administrative Promotions



Althoff



Chappell



Clement



Gunn



Holland

Paducah

Charles Althoff has been promoted to Section Head in the Surface Water and Air section in the Environmental Monitoring Department at Paducah. He reports to Gus Cook, Department Manager.

Kevin Chappell has been promoted to Technical Associate in the Environmental Monitoring Department at Paducah. He reports to Mark Kennedy, Section Head.

Richard L. Clement has been promoted to Janitorial Supervisor in the Facility Services Department at Paducah. He reports to Weldon Stokes, Department Manager.

Sherrill Gunn has been promoted to Facility Coordinator for the C-335 Building in the Cascade Operations Department at Paducah. He reports to Dale Mittendorf, Department Manager.

Stanley K. Holland has been promoted to Maintenance Planner in the Maintenance Services Department at Paducah. He reports to Doug Harrall, Planning and Scheduling Manager.

Dan Lassiter has been promoted to Chemical Operations Supervisor in the Chemical Operations Department at Paducah. He reports to Bill Halicks, Department Manager.

Mike Mack has been promoted to Facility Coordinator for the C-331 Building in the Cascade Operations Department at Paducah. He reports to Dale Mittendorf, Department Manager.



Lassiter



Mack



Mahoney



Sisler

Portsmouth

Judith M. Mahoney has been promoted to Section Supervisor, Purchasing. She reports to R. Douglas Arnett, Superintendent.

Clyde J. Sisler has been promoted to Supervisor, Maintenance. He reports to Walt Hamilton, Maintenance Facility Coordinator, X-340 Complex.



Ticket Application for

MARTIN MARIETTA CHRISTMAS PARTY

December 10 - 9 A.M.

(DURING MOVIE MORNING)

For children of Martin Marietta Paducah Plant employees (ages 2-9 only)

Kentucky Oaks Theatre PADUCAH, KY.

Employee Name: _____

Badge Number: _____

Number of children who will attend:	Boys: _____	Ages: _____
	Girls: _____	Ages: _____

Complete form and return to the Recreation Office,
C-720, PGDP, Martin Marietta Energy Systems, Inc.,
P.O. Box 1410, Paducah, KY 42002-1410
via plant mail or U.S. Mail.

TICKETS MAY BE PICKED UP IN RECREATION OFFICE
OR THROUGH PLANT MAIL



Portsmouth hosts symposium

On July 27 and 28, the Portsmouth site hosted the first Environmental and Waste Management Symposium for area high school teachers. The United States Enrichment Corporation (USEC), the Department of Energy (DOE), Martin Marietta Energy Systems, Inc. (MMES), and Martin Marietta Utility Services, Inc. (MMUS), combined with Shawnee State University to conduct the symposium.

The purpose of the symposium was to introduce area teachers to industrial environmental management requirements and supply the attendees with hands-on experience on how the Portsmouth Gaseous Diffusion Plant meets various aspects of those requirements. Attending teachers were also exposed to scientific tools used in the environmental field along with an introduction to environmental career opportunities. Symposium participants received a plantsite tour.

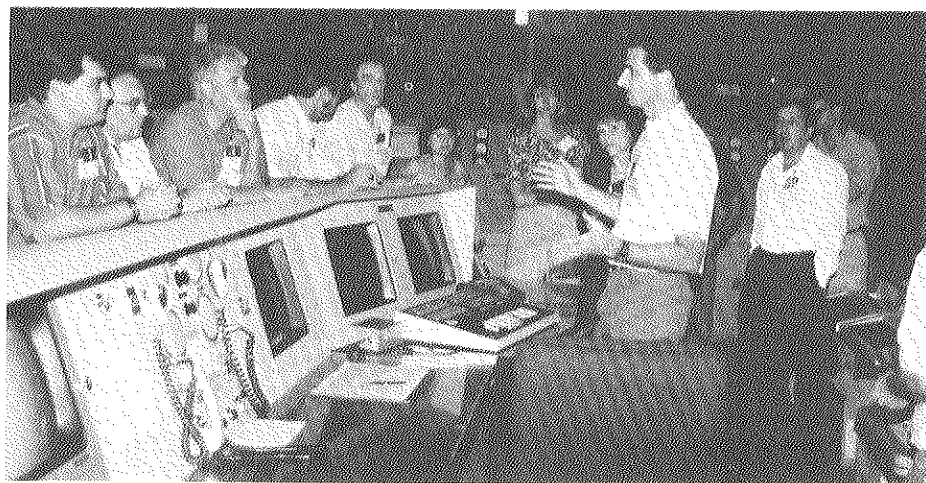
These area teachers gained real world experience in the environmental field which will assist them in explaining the practical applications of the various scientific fields they are teaching in the classroom. The course, which was taught by on-site environmental professionals, included topics such as Water Quality Management, Air Quality Management, Hazardous Waste Management, and Environmental Restoration. Attendees earned 1.4 Continuing Education Units.

Seventeen instructors from eight counties attended the symposium. They included William Brown, Clement Hartley, and Linda Howell, Portsmouth High School; Garnet Renn, West Portsmouth High School; Sherlyene Rice, Clay High School; Sandra Cooper and Steven Proehl, Western High School; Marie Hendricks, Eastern High School; Rockie Natoli, Waverly High School; Teresa Payne and Keith Smith, Vern Riffe (Pike County) Joint Vocational School; Karla Case, a Waverly resident who teaches at Kanawha County High School in West Virginia; Kimberly Parks, Ross Correctional Institute; Jenifer Potter, Union-Scioto School; Steve Cochran and Diana Richards, Jackson High School; Kenneth Shipley, Symmes Valley High School; and Randall Dunkin, Ohio Valley Vocational School.

Sandy Fout, Nuclear Regulatory Implementation Manager, officially welcomed the symposium attendees. Guest speakers included Richard L. Shank, Ph.D., Vice President, Science Applications International Corporation (SAIC) and Former Director of the Ohio Environmental Protection Agency (OEPA) as well as Steve Lind, an Environmental Specialist with the OEPA. Employee presenters included Frank Homerosky, Gregory Goslow, Gary Conner, Barbara Halcomb, Pam Potter, Lee Sollenberger (MMES), and Douglas Davenport (MMES). Gary Reffitt coordinated and facilitated the symposium.



Seventeen area high school teachers from eight different counties participated in the Portsmouth plant's Environmental and Waste Management Symposium on July 27 and 28. The symposium involved lectures by experts from the Portsmouth site, technical experts from the Ohio Environmental Protection Agency, and outside consultants.



During a recent tour of the Central Control Facility, USEC Marketing and Sales Representatives and USEC customers representing the Palo Verde Partners listen to Mike Buckner, Cascade Operations Division Deputy Manager, explain efficient power utilization. From left: Jaime Israel, USEC marketing and Sales; Ted Korbin, Public Service of New Mexico; Marc Sauvageau, Arizona Public Service; Charles R. Emmett, Arizona Public Service; Al Koch, USEC Marketing and Sales; Linda Jarrell, USEC Portsmouth; Jeanne Tortorelli, USEC Marketing and Sales; Maria Denton, Salt River Project; Richard Grenier, El Paso Electric; John Cullen, USEC Marketing and Sales; and Mike Buckner.

Paducah hosts Palo Verde Partners

Many of USEC's enrichment customers have never toured an enrichment plant and are eager to learn more about the process that helps fuel their reactors. As part of USEC's customer service commitment, a number of customer visits have been scheduled at the plants.

One of the first such visits took place at Paducah in late July. A team from USEC Marketing and Sales hosted a group representing the partners in the Palo Verde Nuclear Station. Included were guests from Arizona Public Service, Public Service of New Mexico, El Paso Electric and the Salt River Project.

The visit was part of a week-long tour for the group to facilities involved in each step of the nuclear fuel cycle. They also visited their fuel fabricator, Combustion Engineering in Missouri, and their converter, Allied Chemical, in Metropolis, Illinois.

During the visit, Plant Manager Steve Polston and Cascade Operations Division Manager Steve Penrod, presented sessions on Separative Work Units, Uranium Hexafluoride and Gaseous Diffusion. To support the detailed information presented in the sessions, the group also toured the main process facilities, including the Central Control Facility, the Toll Transfer and Receiving Facility, the Feed Vaporizer Facility, the C-333 Process Building, the Feed Withdrawal Facility and Tails Withdrawal Facility.

Portsmouth celebrates science program

The Technical Operations Division's Science Demonstration and Science Fair Program completed its 31st year in 1994. More than 80,000 students have attended the science demonstrations since the program was initiated in 1963. Portsmouth employees took 31 trips during the 93-94 school year, giving 23 science demonstrations to 1,250 teachers and students and judging 21 science fairs. Mary Novotny served as Program Director. Shown above at the group's appreciation luncheon are (front) Dr. Tony Saraceno, Bonnie Stanley, Mary Stewart, Russ Johns, Novotny, Kay Peters, Bonnie Rumble, Eleanor Brackman, Dr. Dave Manuta, Art Cardenas, Tom Bonner, (back) MMES Site Manager Dave Taylor, Ron Wawro, Special Speaker Steve Sturgill, Jim Williams, Wayne Skaggs, Paul Simpson, John Hobensack, Plant

Manager Dale Allen, Randy Waugh, Melody Channell, Jim Armstrong, Keith Wines, Donna Husted, Marty Kelley, Tony Quillen, Chuck Lux, Sid West, Kevin Pancake, John Christian, and Ralph Royce.

Those who participated in the program who are not pictured included Andrea McNeeley, Pam Ward, Bob Fuhr, Dr. Wayne Spetnagel, Keith Banks, Tom Houk, Rick Strange, Sonia Singh, Sandy Pollard, Alex Alatsis, Ted Garrett, Angie Andrews, Steve James, Michelle Webb, Kelly James, Amy Campbell, Dr. John Taphorn, Dan Minter, Connie Wheeler, Kathy Holbrook, Kurt Sisler, Paula Downey, Rick Ginther, Charles Mayfield, Ed Simpson, Brent Richards, Shirley Walter, Debbie Jordan, Sheila Cameron, Ron Dorning, Robin Hughes, Rita Parks, Bob Lykowski, Bill Johnson, and Clyde Dulin.

Annual Children's Christmas Party

Sunday - December 18, 1994

Waverly High School

Doors Open 12:30 - 4:00 p.m.

-- Highlights --

Santa - Costumed Characters -
The Dazzling Mills Family (Juggling, Cycling Act)

Treats & Gifts for kids under 12 years old

All retirees & employees are welcome

Please bring your kids and grandchildren!!

If Questions:

Call Chairperson Shirley Walter at ext. 4097



New Employees

Paducah

July 11

Kristin Marie Edwards,
Telecommunications.

Arthea Marie Jennings, Medical.

Larry Joe Throgmorton,
Analytical Laboratory.

July 18

Dane Allen Bartlett,
Attorney, Plant Manager's Staff.

Dwayne Keith Dodd,
Analytical Laboratory.

Lori Anne Faulkner,
Computer Services and Procedures.

Gary Duane Joyce,
Analytical Laboratory.

Robert Stephen Maurer, Nuclear Safety.

Peggy Taylor Meeks,
Analytical Laboratory.

Virginia Marie Morgan,
Environmental Monitoring.

Nicholas Ralph Romano,
Maintenance Engineering.

August 1

David Allen Ackley, Health Physics.

Tracey Michale Hocking,
Maintenance Engineering.

Gary David Peternell,
Electrical Maintenance.

Michael Steven Putz, Health Physics.

Crystal Dale Riley,
Analytical Laboratory.

Walter Lynn Welch,
Electrical Engineering.

August 15

Dwain Lewis Richards,
Maintenance Engineering.

Marni Spring White, Benefit Plans.

August 29

Donald James Coe,
Maintenance Engineering.

John Howard,
Civil Engineering.

Michael Anthony Kaufman,
Security Services.

Kathleen Ann Thomas,
Production Engineering.

Craig James Willett,
Production Engineering.

September 12

Glen Edgar Alexander, Joe Kent Elliott,
Darryl Wayne Pickett,

and Timothy Neal Whalen,
Mechanical Maintenance.

Angela Lea Baer, Project Management.

David Lynn Carter,
Switchyard Electrical.

Donald Thomas Hayes,
Electrical Engineering.

Timothy Lloyd Howell,
Area Mechanical and Instruments.

Glen Allen Lynn,
Electrical Maintenance.

Bryan Wayne Pilgrim,
Mechanical and Chemical Engineering.

Barbara Suzann Powers,
Information Support.

Donette Salata,
Procedures System Management.

September 26

Matthew Gordon Arno,
Industrial Hygiene.

David Bruce Campbell,
Technical Operations Management.

Rebecca Sue Keene, Medical.

James Allen Nash,
Maintenance Engineering.

Russell Alan Seba,
Independent Assessment.

October 10

Sheri Denise Babbs,
Analytical Laboratory.

Chris Douglas Clark
and Schana Kaye Thorn,
Budget.

Angela Meg Kelley, Employment.

Timothy Omar Pace,
Environmental Monitoring.

Donald Gene Plumlee, Jr.,
Project Management.

Deana Ann Vaughn,
Procedures System Management.

October 24

Alicia Lynn Anderson,
Analytical Laboratory.

Ronald Lewis Everett, Nuclear Safety.

Barbara Gayle Hall, Health Physics.

John Paul Miller,
and John Luther Vavrin,
Production Engineering.

Jeffrey Franklin Williams,
Analytical Laboratory.

Ricky Edwin Wright,
Area Mechanical and Instrument.

November 7

Michael Bradley Anderson,
Production Engineering.

Stanley Hugh Hunt,
Instrument Engineering and Computer
Applications.

William Thomason Shadoan,
Engineer (MMES).

William Clinton Ward, Budget.

Charles Robert Zander, Jr.,
Health Physics.

November 21

Brian Keith Johnson,
Analytical Laboratory.

Douglas Glenn Porter,
Engineering and Technical Support.

Robert Wade Robinson
and Max Bryan Woods,
Environmental Monitoring.

Portsmouth

August 15

Brenda Abke,
Environmental Management (MMES).

Jarrod Bennington, Mark Gillette,
Michael Kammer, Christopher Wolford,
Electrical and Instrument Maintenance.

Cynthia Coles, Medical.

Jay Cooley, Terry Jeffers, Robert Miller
Jr., Donald Shook, James Smith,
Power Operations Maintenance.

Keith Hammond, Cascade Training.

Robert Hardison,
Central Procurement and Inventory
Management (UE Central).

Bobby Jones, Shift Operations.

Arnold McPheters,
Electrical Maintenance.

August 29

Lynda Blount and Dianne Bragdon,
Nuclear Regulatory Commission.

Jodie Darling and Daniel Zempter,
UF6 Handling.

September 12

Fonda Bentley, Johnny McClanahan,
Gary Morris, Anthony Porter, Robert
Riege, Greg Seymour,
and Shama Litteral,
Decontamination Services.

Lori Rosen, Purchasing.

Brett Wood, HEU Cascade.

Jeffrey Castle, "000" Cascade.

Kevin Mangan, "00" Cascade.

Joseph Bolcis,
Environmental Management (MMES).

September 26

Jamie Adkins, Claude Allen III, Christo-
pher Ashley, Cynthia Biggs, Kevin
Franklin, Kathy Hayes, Robert Johnson,
Sarah McClay, Scott Morrow, Jason
Newsome, Jeffrey Pinson, Alana Powell,
Susan Quillen, Linda Ray,
and Melvin Tolliver,

Cascade Process Balance Pool.

Jason Hoskins, Mark Patterson,
and Seth Patton,
Instrument Maintenance.

Kenneth Johnson,
Maintenance Administration.

Jennifer Jordan,
Nuclear Material Accounting.

Floyd Mitchell,
Power Operations Maintenance.

Tonya Sims, Police.

October 3

Scot Moore, Utilities "A" Shift.

Jeremy Smith, Nuclear Criticality Safety.

October 17

William Kelly,
Civil & Environmental Engineering.

Jennifer Lintz, HEU Cascade.

October 31

Milton Emerine,
General Accounting (UE Central).

November 7

Shannon Hopper-Walker, Anna Jenkins,
and Clinton Newell,
Health Physics.

Frieda Cyrus, Purchasing.

Michael Stout, Machine Shop.

Garrett Trent,
Power Operations Maintenance.

Eugenie Throckmorton,
Application Support (UE Central).

November 14

Christopher Shelpuk,
Waste Certification and Disposal
(MMES).

New Hotline Number Available

Are you aware
of ethics concerns?
Waste? Mismanagement?
Fraud? Discrimination?
Harassment?
Safety and Environmental
Concerns?

If so, call the
Portsmouth Site hotline at
(614) 897-2222

Callers may remain anonymous.

The hotline is operated 24
hours a day.

New Arrivals

Paducah

Son, Donald Edward, September 15, to
Shelia McMullen (Organizational Develop-
ment).

Portsmouth

Son, Andrew Paul, July 20 to Phillip and
Pamela Otworth. Phillip works in the
Roads and Grounds Department.

Daughter, Sarah Joan, July 29, to Mark
and Kim Pelfrey. Mark works in Utilities
Systems Management.

Daughter, Kyle Timothy Richard, Au-
gust 8, to Donald and Katrina Downing.
Katrina works in Uranium Analysis.

Daughter, Tori Danielle, August 10, to
Tim and Staci Harr. Tim works in the
Compressor & Seal Shops. Other relatives
at the plant include Grandmother Carol
Caudill (Commitment Management),
Grandfather Tom Harr (Inspections), and
Uncle Richard Caudill (Waste Policy).

Son, Andrew Ryan, August 15, to Rob-
ert and Shelly Helms. Robert works in
Decontamination Services.

Son, Mitchell Lewis, August 27, to Rob-
ert and Deborah Johnson. Robert works in
Safety Analysis.

Daughter, Addison Elisabeth, Septem-
ber 15, to Tim and Lisa Taulbee. Tim
works in Health Physics.

Son, Nicholas Louis, September 25, to
Matthew and Tamara Spronz. Matthew
works for MMES in the Design Engineer-
ing Department.

Son, Henry Teague, October 2, to Tony
and Martha Quillen. Tony works in the
Applied Nuclear Technology Department.

Daughter, Hayley Nicole, October 4, to
Julie Rose and James Taylor. Julie works
for MMES in the Construction Engineer-
ing Department.

Son, Austin Wayne, October 6, to Deny
and Susan LeMaster. Susan works in the
Environmental/Industrial Hygiene Analy-
sis Department.

Service Milestones

September 1994

Paducah

- 25 years** -- Richard Fletcher, Lanny Jones, Gus Cook, Charlie Freeman, and Steve Carter.
20 years -- Harvey Polk, Tony Morphew, Ron Webb, Barry Youngblood, David Harris, Charles Miller, Joseph Lech, and Mark Trail.
15 years -- Mike Fitzgerald and Tony Maclin.
10 years -- Tommy Copeland, Ken Musgrove, David Winkler, Ron "Spike" Stevens, William Sharp, Elizabeth Wilks, Larry Conway, Stan Holland, and Gilbert Johnson.
5 years -- Tom Vance, Mark Cassity, Larry Conkwright, Adolphus Jones Jr., Jay Stoll, Pam Rudolph, Doyle Warriner, Jan Keeton, and Donna Perry.

Portsmouth

- 40 years** -- Clyde A. Secrest, Lester Brafford, and Jesse A. Johnson.
30 years -- Roger D. McDermott and Mark E. McClay.
25 years -- Gary Conner (MMES), William E. Thompson, Lonnie L. Clemmons, Jerri L. Nelson, H. Dautel, Jerry A. Rider, Larry K. Arthur, and Gerald E. McGuire.
20 years -- Don Walters (MMES), Paul M. Lane Jr., Herman W. Potter, David A. Moats, Thomas J. Rase, David P. Marhoover, Ferman E. Beavers, Billy R. Scott, Charles E. Mullins, Ronald L. Phipps, Terry A. Ratliff, Delmar K. Scowden, Debra A. Adams, Joseph D. Keel, Roger O. Neff, Larry E. Shultz, Robert L. Scowden, Yulonda Cave, Ronald E. Cumutte, Terry L. Easter, Walter G. Hamilton, William L. Windle, Charles C. Irvine, Arlie G. Adams Jr., Sharon Free, Kurt M. Lawton, David L. Blanton, Roger L. Hayward, Terry L. McCreary, James R. Myers, Gary D. Douthat, David N. Graham, Dennis N. Plummer, John Conley, Robert J. Beaumont, Robert C. Bratchett, Robert G. Wolford, Jeffrey K. Gerz, and Kenneth P. Bowsher.
15 years -- Gary Colley, Carolyn S. McKenzie, Jean M. Moorman, Allie C. Skaggs, Leonard J. Sendek, Linda J. Williams, Mark S. Plecenik, and Judith A. Bernthold.
10 years -- Sara Blume (MMES), Ella J. Parker, Jack L. Wolfe, John D. Jackson, Henry E. Coriell, Jon W. Gahm, and Brent R. McGinnis.
5 years -- Kevin McLeod (MMES), James D. Widdig, Randy L. Pratt, Rickey R. Stanley, Donald E. Dunford, James D. Litteral, Lisa D. Dryden, Cheryl R. Whitt, Deborah Y. Basye, Thomas H. Kiser, Robert T. Schisler, Patricia A. Foreman, Christine A. Smith, Sandra L. O'Dell, Gregory I. Sowards, Douglas P. Pfeifer, Ronald B. Schintzius, Richard E. Snyder, James R. Mossbarger, Joseph N. Bloomfield, Keith A. Roberts, John J. Snyder, Deborah S. Kielmar, Teddy L. Lykins, Timothy E. Shook, and Harold R. Hopkins II.

October 1994

Paducah

- 35 years** -- Betty Green.
20 years -- Rick Green, Thomas Brazell, Robert Edwards, Mary Jordan, Thomas Burris, and Kenneth Hyde.
15 years -- David Jones.
10 years -- Dana Ballard.
5 years -- Phillip Starks, Tyrone Ervin, Charles Davis, Kenneth Krahll (MMES), Craig Levesque, Willie Sigler, Billy Rigsby, Cindy Shaffer (MMES), Nancy Davis, Mary Shelley, Ida Heady, Sharolyn Johnson (MMES), Jane Solomon, Brent Lanier,

Linda Steger, Darryl Wurth, Bruce Wyatt, Ann Driver, Larry Myrick, Donna Pryer, Samuel McCary, Kathryn Riley, Susan Phelps, and Phyllis Henley.

Portsmouth

- 25 years** -- Kiyoko Lyon, Ronald E. Buckle, Joseph L. Tanner, Harold T. Pleasant, Lonnie M. Edwards, Kenneth L. Rider, Roger W. Cosby, Joseph Stockham, and Larry E. Compton.
20 years -- William J. Meyers, Leslie L. Munn, Alan F. Odle, Ronald D. Sharp, Karin N. Foster, Ferrel D. Blakeman, Philip K. Bradshaw, Lawrence A. Dickey, Dennis V. Albrecht, William B. Adams, Lonnie C. Murray, Samuel L. Preston, Curtis L. Sherman, Jerry R. Tapp Sr., Donna J. Christman, William A. Minix, and Scott A. Coffman.
15 years -- Anthony R. Sturgeon, Nancy J. Smith, Cheryl D. Bauer, Lora E. Howard, Pamela S. Farrar, and Lovell D. Godfrey.
10 years -- Robert J. Zenk Jr., Rebecca L. McGraw, Jeffrey C. Cottle, Marty R. Kelley, and Clare Welch (MMES).
5 years -- Julie A. Gahm, Brenda L. Ross, Timothy D. Murphy, Kevin L. Horsley, Edwin G. Hager, Michael D. Horton, Thomas L. Depugh Jr., Richard C. Howard, Angela K. Parsley, Susan E. Curley, and Jeff West (MMES).

November 1994

Paducah

- 35 years** -- Billy Jones.
30 years -- Dewey Word.
25 years -- Noble Brown.
20 years -- Pearl Bell, Robert Moss, Dave Wright, and Alicia Scott (MMES).
15 years -- Phillip Carter and Michael Bailey.
5 years -- John Rinella, Paul Kreitz, and Darrell Woodard.

Portsmouth

- 40 years** -- Charles J. Slater.
35 years -- Robert E. Yamell.
25 years -- William B. Lynch.
20 years -- Loren K. Mead, Jack R. Spradlin, Thomas E. McCall, Ronald A. Schreick, and Judith M. Mahoney.
15 years -- Olive F. Cutler.
10 years -- Paul A. Bazler, Paul R. Martin, and Russell D. Yates Jr., and Paul Chabot (MMES).
5 years -- Jefferson A. Adams, Angela D. Austin, William M. Hopper, Robert K. Essman, Carolyn G. Hamilton, Edith J. Adkins, Kevin L. Pancake, Troy A. Strode, Mark E. Ratliff, Charles V. Valentine, Robert W. Richards, Bradley W. Benner, John P. Jenkins, Katherine A. Eley, Anita F. Salisbury, Michael G. Osborne, Perry E. Mingus, Timothy P. Sapp, Terry L. Tackett, Mark E. Williams, Robert S. Miller, Susan J. Canter, Douglas L. Davis, Rick D. Robbins, Henry L. Jayne, Daniel J. Webster II, James W. Roberts, Barton R. Hamilton, Jimmy E. Smalley, Franklin H. Halstead, Walter Lyon, Monte D. Shewman, Walter D. Keeton, John K. Haberthy, Timothy D. Taulbee, Kathy E. Easter, Kimberly J. Roush, James P. Friend, Richard F. Caudill, Mike Eversole (MMES), Carol Hancock (MMES), Don McDade (MMES), and Barbara Pettit (MMES).

Paducah Chemical Technicians win national award

Paducah's Kentucky Lake Chapter of Chemical Technicians was recently recognized at the national meeting of the American Chemical Society as the "Technician's Group of the Year."

An offshoot of the local chapter of the American Chemical Society, the 50-member Technician's Group is in its first year. Chairperson Cindy Schneider and Chair-elect Mike Bartley attended the meeting in Washington, D.C. to accept the award.

To qualify, the members completed a report describing their membership, activities, budget and future plans. They competed in the category for medium-sized groups.

The purpose of the group is to encourage professional development among technicians and to increase public awareness as to what the sciences have to offer. "The role of the technician has broadened considerably in recent years," Schneider explained. "More techs are working in areas that were previously considered traditional chemistry areas."

One of the group's most notable projects



The "Technician's Group of the Year" plaque is presented to representatives of the Kentucky Lake Chapter of Chemical Technicians. From left: Dennis Marshall, American Chemical Society Chairperson; Cindy Schneider, Kentucky Lake Chapter Chemical Technicians Group Chairperson; Mike Bartley, local Chair-elect; and Debra McCombs, national ACS chair-elect.

last year was tied to National Chemistry Week. Representatives worked with ACS members to visit 31 classrooms at 10 schools. At the end of the week, they staffed a booth at Kentucky Oaks Mall where they conducted experiments, passed out brochures and displayed posters made by area students, all to help people understand what scientists and technicians do and how exciting it can be.

Bartley said the technicians plan to have the National Chemistry Week activities again this year. They also hope to help Boy Scouts earn their chemistry and science merit badges by serving as observers to ensure the Scouts' experiments are performed safely and correctly.

Anyone interested in joining the Technician's Society should call Cindy Schneider or Mike Bartley for more information.

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