Energy Systems at Portsmouth

A Monthly Newspaper for Portsmouth Gaseous Diffusion Plant Employees of Martin Marietta Energy Systems, Inc.

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State Representative Ray Miller, 29th Ohio House District, addressed the crowd at the Portsmouth plant's fourth annual commemoration for Dr. Martin Lather King Jr. on Jan. 18. Miller praised Martin Marietta's commimment to this annual commemoration activity. His remarks

focused on problems to be corrected in the state educational system, the need for positive guidance from parents, the homeless, health care and voter apathy, particularly on the part of minorities. "Both leadership and people are needed to achieve goals," Miller said.

King ceremony for 1991 is plant's fourth

By Jane Johnson

Dr. Martin Luther King, one of the greatest non-violent leaders of our time, spoke eloquently of his beliefs and led the massive civil rights movement in the United States.

In his honor, the Portsmouth plant conducted its fourth annual commemoration for Dr. King on Jan. 18.

State Representative Ray Miller, 29th Ohio House District, delivered the keynote address to more than 200 employees, local government officials, DOE-PEO officials, and news reporters.

Human Resources Director Wayne McLaughlin served as the Master of Ceremonies. McLaughlin summarized a meeting with King in the early 1960s.

"Dr. King's philosophy was to do the right thing, and by this teaching he increased human understanding of all people," he said.

Plant Manager Ralph Donnelly expressed appreciation for the committee's positive involvement in this annual commemoration, "Some Dreams Never Die."

The committee is Sally Cunningham, Jeanette Langford, Chancey Valentine, Dorothy Ferguson, Curtis Chapman, Eloyse Johnson, Judy Turner, Eva Beatty, Angie Kinney, Paul Keels, Keith Lewis,

Contract extended

Energy Systems and officials of the Department of Energy, Oak Ridge Operations, signed a two-month contract extension Jan. 31. The extended contract will expire March 31.

Willis Walker and Kevin Ragland. Bill Lynch served as chairperson and Lisa Morris as co-chairperson.

Those attending observed a moment of silence for our armed forces in the Persian Gulf.

Miller praised Martin Marietta's commitment to this commemoration activity.

"This is not the normal corporation and these are not normal people," he said of Energy Systems and its associates.

Miller's keynote address, "A Line in the Sand," paralleled destruction and construction.

Throughout Ohio, one of every four teens will never finish the educational process. Currently, 1.6 million Ohioans are considered illiterate and can only read at the fourth grade level.

Other statistics showed that 70 percent of all 9th graders failed the proficiency level for a diploma. A four-tier system now exists allowing a "Certificate of Attendance."

Martin Luther King believed in the education process, and obtained his doctorate at age 26.

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Values Committee members Jane Johnson, Don Rockhold, Melonic Valentine, Vanessa Burkitt, Jim Mossbarger, Elaine Litten and Karen Hollback stand in from of the plant's "Wall of Honor" in the X-102 Cafeteria. The committee was responsible for promoting and administering the project to show our pride and support for our troops in the Persian Gulf.

Wall expresses plant support for Gulf troops

From the beginning of Operation Desert Storm in the Persian Gulf on the evening of Jan. 16, the employees of Martin Marietta Energy Systems at the Portsmouth Gaseous Diffusion Plant have been dedicated in our efforts to show our pride, deepest thoughts and support for our troops.

Earlier, we had made contributions of materials and dollars to soldiers assigned to Operation Desert Shield. But with the beginning of Operation Desert Storm, our support for our troops intensified.

Desert Storm Updates

One of the first efforts was to bring on line a computer bulletin to provide daily updates of Desert Storm and related activities. The electronic updates were done three times each day during the conflict's early days. Close monitoring of news coverage now precedes the Desert Storm updates each afternoon. Employees access the bulletin at the DEC-10 monitor by typing HELP STORM. Hard copies also are distributed throughout the plant.

Wall of Honor

More than 300 employees came on Jan. 23 to join in singing "The Star Spangled Banner" and to recite the "Pledge of Allegiance" in dedicating a "Wall of Honor" in the X-102 Cafeteria.

Tommy Hicks and Dave Bowman (both security inspectors and reservists) carried in the American colors and arms and saluted our associates, friends, and neighbors.

Plant Manager Ralph Donnelly placed stars beside the names of all employees on active status. A star will continue to be next to names of all plant employees called to active duty.

"It is with great honor that we salute all our men and women serving in the Persian Gulf and we wish them safe and speedy return," Donnelly said.

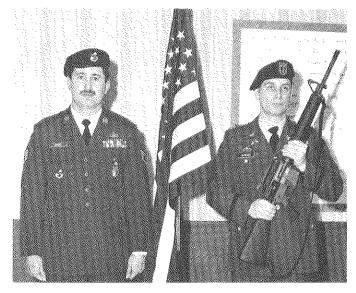
The Waverly High School Band provided the taped music for the National Anthem.

The "Wall of Honor" will remain for the duration of the conflict in the Gulf.

Lapel ribbons, military hotline telephone numbers, time zones, sources for American flags and other crisis-related information are available on a table at the "Wall of Honor."

(Continued on Page 2)

Tommy Hicks and Dave Bowman, plant Security Inspectors as well as Reservists, carried in the American colors and arms and saluted our associates, friends, and neighbors during the "Wall of Honor" dedication in the X-102 cafeteria.



Portsmouth shows special support for men and women in Persian Gulf

(Continued from Page 1)

Within two days, the "Wall of Honor" had spread to other cafeteria walls. It now contains names of more than 200 associates, relatives, friends and neighbors of plant employees.

Red, White and Blue Day

All over the plant, people wore their colors during a "Red, White and Blue Day" on Feb. 8. The variety and individuality in styles of dress, use of colors, sweat shirts and hats was an overwhelming sight.

Values Committee Efforts

The "Wall of Honor" and the "Red, White and Blue Day" evolved from the efforts of the plant Values Committee.

Through a series of ideas, a quick brainstorming session by committee members and the subsequent involvement of many people, the "Wall of Honor" emerged to become the first activity of its kind in Energy Systems to pay such tribute. With Tony Jones, Tamitri Rogers and Charlie Douglas (all security inspectors) called to active duty, Safeguards & Security Manager Lynn Calvert first came up with the idea to honor them and any other employees who might be called to serve our country.

Your Values Committee met Jan. 18 and discussed a number of ideas. Graphics Department personnel Bill Justice, LeAnn McWhorter and Judy Landrum accepted the challenge to have the wall ready for the Jan. 23 dedication. A number of people responded on Jan. 22 to make ribbons to be distributed during and after the ceremony.

Videotape for the Troops

A videotape containing footage of this "Wall of Honor" ceremony, the "Red, White and Blue Day," personal messages and a series of local community displays will be forwarded to our associates in the Persian Gulf.

Miller speaks at King ceremony

(Continued from Page 1)

Miller encouraged more positive guidance from parents.

"On the average, fathers spend approximately seven minutes daily in constructive dialogue, with mothers contributing 34 minutes of constructive thoughts on a daily basis," he said.

"America is not only behind to Japan and West Germany, but to other countries including Italy, Britain, and Southeast Asia," said Miller

Ohio statistics reveal that one of every five children live in poverty, with 49 percent of those children under age 6. An estimated 39,000 will die before their first birthday.

The state count for homeless families is more than 40,000, with 1.4 million Ohioans (mostly children) having no health care.

Miller advised every person, company, and state to check progress.

"Four of ten black males, aged 18-24,

are trapped in the criminal justice system," stated Miller.

Miller reminded people that the United States is a great nation, but problems need resolution through commitment, a plan, and the execution of that plan.

He cited statistics from the last election. Seventeen percent of eligible voters throughout the nation, and 40 percent of Ohioans, exercised their American right.

"Both leadership and people are needed to achieve goals," Miller said.

He continued, "We can't afford to write off those people in need."

Miller concluded his address by quoting King, "Injustice anywhere is a threat to justice everywhere."

New Arrivals

Daughter, Stephanie Renee, Nov. 1, to Susan (D-321) and Nate Curley.

Daughter, Shannon Michelle, Dec. 31, to Dave (D-911) and Teri Kielmar.

At VFW conference in Toledo

Plant affirmative action plan honored by foreign war veterans

by Jane Johnson

The Portsmouth plant's Affirmative Action plan has received the State of Ohio's 1991 Veterans of Foreign Wars (VFW) Award for Large Employers.

The award was presented in January to plant representatives at the VFW's Mid-Winter Conference in Toledo. The plant also will be considered for VFW national recognition.

The VFW's National President, Chief Commander Bob Wallace, presented the plaque and honors to Human Resources Director Wayne McLaughlin.

The award nomination was submitted by Raymond Pryor of the Ohio Bureau of Employment Services.

In accepting the award, McLaughlin said, "In times of crisis, we depend on the military to protect us, and Martin Marietta is proud to be of that reliable system to protect veterans with secure employment opportunities."

Each year the VFW's Committee designates both large (employing more than 250 persons) and small company (less than 250 staffing levels) employer awards.

Criteria for nomination include the quality of the company's Affirmative Action plan, the percentage of employees who are veterans, and the number of positions and classifications of Vietnam, disabled and all other veterans hired or promoted during the year.

From July 1989 to June 1990, 67 of 337 new hires for the Portsmouth were veterans. Of the total employment figure of 2,498 at the end of June, 477 (or 19.1 percent) were veterans.

Energy Systems at Portsmouth attends special recruiting seminars in an effort to

hire veterans, invites members from the local Veterans Administration to its annual community luncheon and indicates the Veterans status of each employee interested in internal openings.

All plant affirmative action policies, practices and procedures to the identification of veterans and handicapped persons are subject to close regulatory scrutiny.

The Portsmouth Gaseous Diffusion Plant's AA plan is the first in Energy Systems to receive state recognition for its affirmative action involvement with veterans.

The plaque is located at the plant's "Wall of Honor" in the X-102 cafeteria.

Health services staff available for counseling

"In the wake of the outbreak of war in the Middle East and the heavy deployment of personnel from this region, family stresses are expected to be even greater," said Dr. Dan Conrad, Energy Systems corporate medical director.

"During times of added turmoil such as this, we want to encourage employees—especially those who have family members or friends stationed in the Persian Gulf or who might serve on active duty—to use the services provided by our Health Services departments.

Our staff psychologists, in particular, are available for evaluation, counseling, and referral. Advice and counseling also may be obtained from any of our health professionals," he added.

Managers are encouraged to remind employees to call for an appointment or to visit the Health Services Department at their site to take advantage of these services.

Portsmouth mayor shows support for committee work

The Honorable Frank T. Gerlach Portsmouth mayor, gave a city proclamation in praise of the work of the 1990 Greater Portsmouth Area Abilities Awareness Committee to Jim Hicks, plant engineer and committee chairman. The committee promoted "Abilities Awareness" in area businesses and for the general public through radio public service announcements, school contests and special awards ceremonies, Janitor Woody Galloway also serves on the committee, and along with Hicks, is a co-chairman of the plant's Abilities Awareness



Forum topic is safety at Energy Systems plants

By Sharon Boudreaux

Energy Systems President Clyde Hopkins told some 300 company managers at the Jan. 29 President's Forum that Energy Systems is close to completing contract negotiations with DOE, and that officials hope to have a signed contract by April 1.

The contract update, along with some "Last Words" for retiring Senior Vice President Herman Postma, were special features of the forum, the primary topic of which was safety at Energy Systems facilities

"I feel better about the contract negotiations now than I have in the last 18 months," Hopkins said. "While we are still negotiating some issues, I am confident that there will be an agreement in place by our target date of April 1."

Hopkins said the new contract will involve changes in company operations. Under the new DOE rule making document, for example, contractors would, under certain conditions, pay fines and penalties assessed for violations of environmental, health and safety regulations (although the assessments of such fines would not exceed the amount of the fees earned by each business unit each six months).

Contractors also would be responsible for negligence and, to some extent, willful misconduct under the DOE assertion that contractors should have management systems in place to address these issues.

"Under the current confract, Energy Systems board members and I are the only ones whose behavior the corporation would be liable for in the case of willful misconduct," he said. Under the new contract, the liability could include all employees.

Also continuing under negotiation is an increase in the award fee to two or three times the current amount. Hopkins said that while this item still is "very much up for discussion, there is no doubt that it must be higher."

There will be no guaranteed fee, and the calculation of the award fee will be based upon performance criteria that will be clearly defined at the outset of the contract period. The new base and award fee would be calculated for each of the four business units as if they operated independently. The negative or positive performance of one would not affect the fee of another.

Finally, Hopkins said, the contract would include a clause allowing the corporation to withdraw on a year's notice if operating conditions are found to be unsatisfactory.

"Let me say again that Martin Marietta wants to remain a DOE contractor. "At a recent corporate board meeting, I got the go ahead to proceed with the contract if there are no basic changes. The corporation really wants to work with DOE."

Hopkins pointed out that the contract still must be reviewed by DOE Headquarters.

His comments were made during the

question-and-answer period, which followed presentations on the company's increasing safety concerns.

Forum speakers on safety were Fred Mynatt, vice president for Compliance, Evaluations and Policy; Jeff Bostock, vice president and Y-12 Plant manager; Ralph Donnelly, Portsmouth Plant manager; and Dr. Dan Conrad, corporate medical director.

Mynatt said the company faces increasing challenges in trying to meet the intent of more than 20,000 OSHA regulations and in trying to adjust to changes arising from DOE's order that contractors apply Bureau of Labor Statistics guidelines to recording illness and injuries.

Those guidelines expand the definition of a work-related injury to include anything that occurs on site, even an injury that results from incidental pain, whether or not it is job-related, he explained.

The new guidelines also expand the definition of medical treatment to include using a butterfly bandage or more than one dose of prescribed medication. Injuries that would have been considered non-chargeable under old guidelines must now be counted as lost workday accidents.

The effect of the new standard is apparent in the numbers, Mynatt said. Data show that while non-recordable injuries and illness have decreased from 913 to 280, recordable injuries and illness have increased from 148 to 1,015, and overall totals show a decrease.

Increases in recordable incidents are not totally attributable to new reporting procedures, Mynatt said. "There have to be other reasons for the safety problems we're facing because even if we factor in those causes, we are still above the industry ave-

rage for lost workday cases and recordable injuries."

Mynatt said that OSHA will be more aggressive in enforcing compliance with health and safety regulations, and Energy Systems must reassess and improve compliance with OSHA regulations, so the company wouldn't be in the position of "trying to catch a moving train."

Bostock, who offered a statistical review of Y-12 injuries, said his examination of the numbers suggests that although the number of injuries may not be increasing "they do exceed where we want to be in terms of lost-workday cases and recordable injuries. Y-12 is, at best, average, and neither the company nor the corporation likes to be average. We want to be the best and we're working toward that goal."

To illustrate the apparent downward trend, Bostock said that of the 34 employees who had back injuries last year, 21 had pre-existing conditions. "What that tells me is that we haven't protected those employees from re-injuring themselves. We knew that they had problems with their backs; they knew that they had problems with their backs; and we didn't reassess the hazards associated with their jobs."

In response to Y-12 data, initiatives have been developed to review and study back injuries, conduct job hazard analyses and implement a pilot behavioral modification program.

"I don't know whether or not similar statistics can be found across the board," Bostock said, "but I encourage each organization to conduct its own study and to review the statistics."

Donnelly said most injuries at the Portsmouth Plant seem to result from unsafe acts

and, to a lesser extent, from unsafe conditions. Other factors he cited include increased work activity and other sweeping changes, with people "working hard to make changes so that the plant meets the required standards.

"People are preoccupied and are concentrating less on safety. We have had 66 audits and reviews in the last year, with an average of 12 auditors on site every day," he said.

"With that kind of pressure you get collateral damage and other programs suffer," Donnelly said. "It's like dropping a bomb. You may not mean for it to hit where it does, but suddenly everything is blown up."

Efforts at Portsmouth to heighten safety awareness include reassessing responsibilities, emphasizing accountability, expanding the walk-through program to focus on health and safety factors, and developing a Facility Excellence Program.

Management safety meetings are held weekly, with presentations by supervisors of injured employees to assess accidents and injuries that occurred in the previous week, with the hope of preventing similar occurrences in the future.

Conrad said that preventive medicine also can play an important role in eliminating some potential lost-time accidents or injuries. Health Services programs that can help make a difference include physical therapy, Employee Assistance and Wellness.

Obtaining counseling for problems, having periodic health evaluations, entering programs to stop smoking, monitoring blood pressure, controlling cholesterol and weight, moderating alcohol use, buckling seat belts, and exercising are efforts that decrease the likelihood of accident and injury by improving overall health, Conrad said

Applying principles of ergonomics, which is a science concerned with equipment design to reduce operator fatigue and discomfort to eliminate occupational illness and injury, will become a primary focus in preventive efforts over the next few years, he said.

"It is an appropriate goal of the company to match machines and job tasks to its employees," Conrad said. "Too often machines or systems are designed for the task and not with the employee in mind."

Conrad said Chuck Hochanadel, who manages the company's physical therapy program, already is working with safety, industrial hygiene and management personnel to evaluate ergonomic situations of concern.

"I believe this issue is important enough for Chuck to spend most of his time over the next several years in evaluating human factors in the work site and in helping to establish awareness and a desire to achieve optimal ergonomic conditions," he said.

Heroism in the Persian Gulf

By Jane Johnson

Heroism in the Persian Gulf came close to home for Energy Systems employees as they heard of the mission of Air Force Captain Randy Goff over the Iraqi desert.

Goff, a graduate of Jackson High School, son of former plant Maintenance Foreman James H. Goff and the son-in-law of retired Laboratory Services Supervisor B. J. Clark, helped in the daring desert rescue of a downed Navy A-6 pilot.

Goff and Capt. Paul Johnson, of the USAF's 354th Tactical Fighter Wing, were the pilots who located the Navy pilot in the Iraqi desert on Jan. 21 and provided air cover for his rescue.

They refueled their planes twice in the air, circled and provided air support for eight hours before an Air Force helicopter picked up the Navy pilot.

Goff and Johnson stopped an Iraqi army truck about to interfere with the rescue about 100 yards from the downed pilot.

In the transition from a young boy's

dream to a young man's reality, Capt. Goff's efforts over Iraqi territory helped save an American life. His mother, Betty, said that Randy's goal has always been to be a fighter pilot. "He's fulfilled his dreams," she said.

Although Goff calls home as often as he can, his family has not seen him (except on TV) since August 15. Goff was selected as one of the interviewees during the Thanksgiving taping of "Good Morning America."

Clark said his daughter, Diana, was relieved to see Randy through the medium of television. He also relayed Goff's thoughts regarding this mission.

"Randy believes he just did his job."
Betty Goff's reaction was one of motherly instinct. "I wish his father could have
see him. He would be real proud too," she
said. Goff's father, who also served in the

Air Force, died six years ago.
Randy and Diana's nine-month old son,
Tyler, is too young to express similar pride,
but grins often at his picture.

Hedges manages Waste Division

Jeff Hedges has been named Division Manger, Waste Management. He reports to John Shoemaker, Deputy Plant Manager.

The division consists of four departments — Waste Transportation, Storage and Disposal; Technical Support; Administrative Services; and Waste Treatment.

Hedges has worked at the Oak Ridge National Laboratory (ORNL), which Martin Marietta Energy Systems also manages under contract to the U. S. Department of Energy, since February 1989.

Most recently he was Section Head in its Office of Operational Readiness and Safety, where he managed oversight of reactor and nuclear facility safety, criticality safety, transportation safety and implementation of programs such as Conduct of Operations and the Safety Documentation Upgrade.

Hedges was graduated from Pennsylvania State University with a bachelor of science degree in chemical engineering in 1978. He has also attended Old Dominion University, studying engineering management.

Hedges served the U. S. Navy beginning in May 1978 and was graduated from its Nuclear Propulsion Training Program in October 1979. He then served on two submarines and the staffs of the Commander Submarine Force U. S. Atlantic Fleet and Commander Submarine Group Two. Hedges received several medals and awards during his 11 years with the Navy.

He is a member of the American Nuclear Society and the National Management Association.

Hedges and his wife, Karen, have three sons.

Akers returns to Purchasing

Steven R. Akers has been promoted to Section Supervisor, Purchasing Department. He reports to Ralph E. Wilcoxon, Department Superintendent.

Akers also serves as the Quality Assurance Coordinator for Business Services.

Akers came to work at the Portsmouth plant in August 1974 as a Buyer in the Purchasing Department. He became Senior Buyer in February 1980.

He transferred to the Maintenance Division as a Maintenance Technologist, Sr., in June 1989 and subsequently served on special assignment as a Staff Engineer in the Environment, Safety and Health Division beginning in March 1990.

Akers was graduated from Morehead State University in 1974 with a bachelor of science degree in Industrial Technology.

He and his wife, Debbie, have two daughters and live near South Shore, Kentucky.



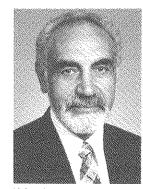
Hedges



Akers



Gamm



Picciano

Picciano leads Project Planning

Ercolo A. (Erk) Picciano has been appointed Department Head, Project Planning (D-633). He reports to Bonnie Rumble, Superintendent, Project Administration.

The department was formerly Project and Site Development Integration. Project Planning will continue to coordinate requests for planning, engineering orders, project NEPA documentation, project authorizations, office and site development (including GCEP) and AVLIS planning, as well as Systems Engineering functions.

Picciano came to work at the Portsmouth plant in April 1976 as a Senior Engineer. He became Section Head, Plant Engineering, in December 1976.

Picciano was responsible for several assignments related to the Gas Centrifuge

Enrichment Plant (GCEP) from April 1979 through July 1987 before returning to the Gaseous Diffusion Plant organization to work in special assignments in Production and Safeguards & Security.

He was graduated from Ohio University in 1952 with a bachelor of science degree in civil engineering.

Before coming to work at the plant, Picciano was employed for nearly 20 years with an engineering consultant firm. Prior to that, he worked for the Ohio Department of Transportation.

A U. S. Army veteran, Picciano is a Registered Professional Engineer and a Registered Professional Surveyor.

He and his wife, Mary Ann, have four children and live in Chillicothe.

SERVICE MILESTONES

March 1991

40 years - Otis H. Eblen.

30 years — Robert L. Firestone.

25 years — Carl R. Dobbins.

20 years — George D. Copen.

15 years — Gary D. Truman, Thomas F. Kallner, Charles E. Collins, Lowell K. Gregory, Sue F. Hollis, David R. Richter, Melvin B. Harbour, Hugh L. Greene, Ronald L. Hinds, Sandra L. Pollard, Albert E. Logan, Howard M. Sparks, Salah J. Darwish, Ronald C. Niner, Karen J. Boggs, John N. Zoellner, Robert D. Hairston, Bertha A. Gray, Paul W. Yuenger, Jessie A. Dalton, James M. Watson, David W. Walters Jr. and Clarence E. Malone.

10 years — Gary L. Shular, Kerry M. Davis, Susan C. Ferguson and Donald K. Jessee Jr.

If called to duty, notify Benefit Plans at once

Portsmouth employees called to active military duty must notify the Benefit Plans Office on extension 2342 as soon as possible. This assures that all benefit options are selected as desired. If you are called for immediate duty, a "Power of Attorney" is required in order for your paperwork to be completed.

Gamm becomes superintendent

Charles E. Gamm has been named Superintendent, Laboratory Services and Safety Analysis (D-540). He reports to Jack Crawford, Manager, Technical Services.

Gamm came to work at the Portsmouth Gaseous Diffusion Plant in October 1980 as an Engineer in Safety Analysis. He became Engineer, Staff, in February 1983.

Gamm was Manager, Nuclear & System Safety, for Westinghouse Materials Company of Ohio from 1985 to 1988.

Gamm returned to the Portsmouth plant in June 1988 as Engineer, Sr., working in the Facility Safety and Safety Analysis groups of Nuclear Criticality Safety.

He was promoted to Supervisor, Safety Analysis, in January 1990.

An Army veteran, Gamm was graduated from Iowa State University in 1969 with a bachelor of science degree in engineering operations.

He and his wife, Diana, have one son and live near Chillicothe.



Wagner

Wagner promoted to H&S position

Edgar R. Wagner has been promoted to Superintendent, Health & Safety. He reports to C. W. Sheward, Manager, Environment, Safety and Health Division.

Wagner has management responsibility for health and safety disciplines including the Safety, Health Physics, Industrial Hygiene and Facility Safety departments.

He came to work at the Portsmouth plant in January 1976 as an Engineer in Process Engineering. He moved to the Environmental Control Department in June 1977 and became Engineer, Staff, in October 1979. He was named Supervisor, Environmental Control, in January 1980.

Wagner was named Supervisor, Industrial Hygiene & Health Physics, in September 1981, and Facility Safety Manager in March 1990

He was graduated from Youngstown State University in 1975 with a bachelor of science degree in chemical engineering. He also has done master's program work at Ohio University. Wagner is a Registered Professional Engineer.

He and his wife, Rosemary, live near Waverly.

Engineers turn concepts into action

Submitted by Paul I. Davis, P.E.

Each year, our nation's engineers undertake a special effort to focus public attention on the contributions of their discipline toward improving the quality of our lives. Another goal was to look into the future of the engineering profession.

"National Engineers Week" is a commemoration which dates back to 1951 and is celebrated annually during the week of George Washington's birthday, since our nation's first President was a military engineer and a land surveyor.

Washington was responsible for establishing the first U.S. engineering school at Valley Forge, which later was moved to West Point, where it became the U.S. Military Academy. During this week-long observance, thousands of engineers undertake special projects to promote their profession.

Engineering has the largest number of professional practitioners, except for teaching. It is a problem-solving profession that uses science, technology and common sense to design, construct, maintain and distribute goods, services and information. Using technology, engineers turn ideas into reality.

According to estimates, 35,000 robots are in use in the United States today. The day is not far off when a brain surgeon will be able to rely on a robotic helper during surgery to position and focus a surgical instrument.

Within a few years, dentists will be able to scan a patient's teeth with a laser, and then have a computer automatically design and manufacture a replacement crown while the patient waits.

Artificial body parts may become off-theshelf items to be purchased when needed and we will inhabit the moon and manmade planets, according to a survey of life in the 22nd century.

The engineer's past has been exciting and much has been done such as landing on the

moon, communicating by satellites, applying microprocessors to almost everything, designing products with computers, manufacturing by aid of computers, applying CAT scan, building jumbo jets, transmitting information over fiber-optic cable, and the list goes on.

The future calls for the engineering profession to tackle the nation's most critical environmental problems of hazardous waste disposal, lack of natural resources, clean air and water shortages.

An estimated 40,000 tons (about 36,300 metric tons) of waste are generated every day, 95 percent of which are being placed in landfills that are rapidly reaching the end of their disposal capacity.

America needs a steady supply of well educated motivated young people to fill the depleting ranks of the engineering profession. Young people who are interested in helping preserve our national competitive edge and cleaning up and protecting the environment should consider careers in engineering. No other profession will make a greater contribution to these and other demands we face in the 1990s.

High school is an important place for future engineers to start planning and preparing. Engineering requires firm grounding in the fundamentals of mathematics and science, with particular emphasis on physics and chemistry.

Paul E. Lego, chairman and chief executive officer of Westinghouse Electric Cor-

poration and honorary chairman of National Engineers Week 1991, said, "Recent comparisons showing American 13-year-olds scoring lowest along industrialized nations in math and science skills point to a national concern as serious as any of the economic and environmental challenges we will face in the future."

Professional engineers, parents, teachers, and industry leaders need to attack this national concern with all the resources at hand.

One such resource is the Junior Engineering Technical Society (JETS). JETS is a national nonprofit educational organization dedicated to preparing precollege youth for the challenging world of tomorrow. JETS Programs includes Tests of Engineering Aptitude, Mathematics and Science (TEAMS), an academic competition in which school teams challenge each other; National Engineering Aptitude Search (NEAS), a guidance test that measures mathematical understanding, scientific reading and reasoning ability and conceptual problem solving strengths; and National Engineering Design Challenge (NEDC), a program that teaches students real-life application of engineering concepts when they design and build a product to address a specific need.

JETS guidance materials and Teacher resources are avilable from JETS Guidance, 1420 King Street, Suite 405, Alexandria, Virginia 22314-2715, Telephone (703) 548-5387.





Robertson

Davidson

Promotions

Michael D. Cole has been promoted to Supervisor, Cascade Operations (D-811). He reports to Bernie Allen, Department Head, X-333 Building.

Jeffrey L. Woodard has been promoted to Supervisor, Chemical Operations (D-823). He reports to Richard Valentine, General Supervisor.

Gary D. (Don) Davidson has been promoted to General Supervisor, Uranium Materials Handling (D-829). He reports to Mark Conkel, Department Head.

Terry R. Robertson has been named Supervisor, Maintenance II (D-714). He reports to Bill Greer, General Supervisor.

NATIONAL ENGINEERS

• WEEK •
FEBRUARY 17-23, 1991

New Employees

January L

Jeff Hedges, Waste Management (D-450).

January 2

Connie L. Entler, Nuclear Materials Accounting (D-932).

Scott D. Howard, Mass Spectrometry (D-513).

Nancy A. Sanders, Library & Distribution Services (D-351).

James F. Thompson, Health Physics (D-102).

David L. Harnish, Computer Systems Engineering (D-613).

Sidney L. West, Management Information Systems (D-347).

Leo C. Gillen, Health Physics (D-102). James A. Noel, Environmental Restoration (D-105).

January 7

David R. Conley, Paint Shop (D-729). Jeffrey R. Snook, Chemical Operations (D-828).

Sandy R. Turner, Chemical Operations (D-828).

Robbie S. Cramblett, Employment (D-024).

January 14

Brenda A. Stollings, Purchasing (D-321).

John F. Bullock Jr., Energy Conservation (D-620).

Thomas T. Tiller, Personnel Relations (D-211).

January 16

Phyllis J. Teeters, Employment (D-024). Shane E. Ross, Mass Spectrometry (D-513).

Julie M. Quesenberry, Employment (D-024).

January 21

Angela S. Dunn, Employment (D-024). Sharon K. Liles, Mass Spectrometry (D-513).

Mark D. Cade, Mass Spectrometry (D-513).

January 28

Angela L. Wright, Police Department (D-911).

Flora M. Russell, Chemical Engineering (D-623).

Mary B. Hamel, Materials Sampling & Testing (D-511).

Rhonda K. White, Employment (D-024). Jeffrey C. Gross, Applied Nuclear Technology (D-514).

February 4

Charles A. Gates, Waste Management (D-452).

Kimberly J. McLean, Information Support Services, (D-353).

Todd D. White, Mass Spectrometry (D-513).

Toney L. Bailey, Jaimie L. Huff, William J. Bryant, William A. Sibole, Sylvan R. Steward Jr. and Kurt T. Young, Instrument Maintenance (D-712).

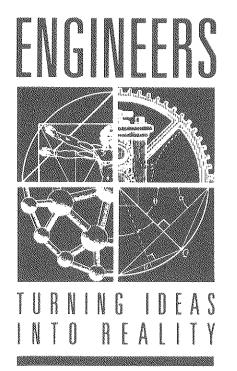
February 11

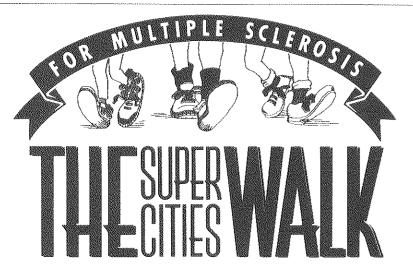
Cheric L. Fitch, Employment (D-024). Denise R. Jividen, Police Department (D-911).

Charly Blackston Jr., Production Services (D-803).



Help fight MS! see next page





By Shirley Walter

In cities across the country approximately 250,000 walkers are expected to turn out April 6 and 7 to show how their feet can make a mile of difference in the third annual National Multiple Sclerosis Society "Super Cities Walk."

Multiple sclerosis (MS) is a chronic and often disabling disease that "short circuits" the central nervous system. Each week 200 adults, most between 20 and 40, are diagnosed with this disabling disorder.

As yet there is no known cause or cure or way to prevent MS, but there is hope, through research and services funded by the National Multiple Sclerosis Society.

The many individuals who give of themselves during the "Super Cities Walk" are

Obituaries

Oscar Mershon Jr., Portsmouth, Jan. 10. Mershon was a Chemical Operator (D-823) at his retirement in January 1985. Survivors include his wife, Norma.

Thomas C. Brower, 61, Waverly, Jan. 18. Survivors include his wife, Anita (D-350) and daughter, Cindy Moore (D-315).

Edgar E. Dixon, 67, Piketon, Jan. 22. Dixon was an Engineer Sr. (D-533) at his retirement in July 1985.

Wendell R. Pancake, Frankfort, Jan. 21. Father of Kevin Pancake (D-347).

Tess Cooley, Michigan Center, Mich., Jan. 22. Survivors include her daughter, Georgene Marr (D-960) and son-in-law, Dave Marr (D-634).

Charles L. Hanson, Georgetown, Jan. 22. Hanson was an Electrician 1/C at retirement in August 1983. He is survived by his wife, Ruby.

Opal Owens Oney, Salyersville, Ky. She was the mother of Lowell G. Oney (D-743), mother-in-law of David Say (D-535), and sister of Mabel Blair (D-001).

Cammie Owens, Salyersville, Ky. Survivors include his sister, Mabel Blair (D-001).

Helen Clifford, Chillicothe, Jan. 30. Mother of Janet Barker (D-451).

Eugene Mutter, Portsmouth, Feb. 5. Mutter was Assistant Purchasing Agent at his retirement in July 1985.

helping to ensure that someday that hope will become a reality.

This fast-growing event gives health conscious Americans the opportunity to improve their fitness, have some fun, and help better the lives of a quarter of a million individuals who have the disease. Walkers can do all this while earning an array of exciting prizes. The "Super Cities Walk" will raise funds for research and provide for local people with MS and their families.

Walking is also quickly becoming the nation's favorite form of daily exercise. It is inexpensive, healthful, and an easy way to lose or maintain weight.

The April 6 activity will be the first time Pike County has participated. Registration begins at 8:00 a.m., at Eastern High School. The 8.05-kilometer (5-mile) course will encompass the scenic countryside near Beaver.

Refreshments will be provided at the mid-point of the walk, as well as at the finish line. The start and finish are both at Eastern High School. For more information, contact Shirley Walter, chairperson for Pike County, at 226-7841.

Super Cities Walks are also being conducted in Portsmouth and Chillicothe. The Portsmouth contact is Jim Hicks, at 353-1600, while the Chillicothe chairperson is Clara Kutschbach at 773-3000.

Deductibles change for salary employees

Deductibles for individuals will be 0.5 percent of pay per person, with a minimum of \$100. For example, the deductible for an employee earning \$30,000 would be \$150. The deductible for employees with family coverage is 1.5 percent of pay, with a minimum of \$200, regardless of family size.

Maximum out-of-pocket limits for medical expenses for an employee or any other individual covered by the plan (including deductibles) are set at 3 percent of pay for individuals (with a \$600 minimum) and at 5 percent of pay for families (with a 1,200 minimum). When maximum amounts are reached, the plan pays 100 percent of most covered expenses for the remainder of the calendar year.

Malone qualifies in Columbus run to participate in Boston marathon

By Shirley Walter

George Malone is always looking for a challenge, whether it be jumping from an airplane, riding in a 100-mile bicycle tour, or running a 26-mile marathon through Beantown.

"I'm really looking forward to running the Boston Marathon," said the 52-year old Portsmouth native. "It's a goal that I have tried to accomplish for a long time."

Malone feels he already has met his goal, as he qualified in his age group at the Columbus marathon in November with a time of 3:29:13. Even though he's been in the Columbus Marathon for several years, this is the first time Malone has been able to qualify for the famed Boston event.

George began his running career in 1981. He had purchased a pair of rather expensive running and decided to get the most for his money by putting the shoes to good use. George was a part-time runner until 1985, when he diligently began to pursue his love of the road.

At first, running was a form of exercise for him and it later developed into a daily habit that George has used to help him through stressful situations, such as the loss of his mother to cancer last year. Running is a time that Malone uses "to relax, to reflect on life, and get close to God."

In 1990 George Malone ran 2,000 miles and participated in 24 racing events, three of which were U.S. Men's Championship courses. His participation on the race course has led him to run four full marathons — Columbus, Athens, near Cincinnati, and one at South Bend, Indiana, where

a very emotional George Malone completed the course on the 50-yard line of the University of Notre Dame.

He has kept a log of all his races and completion times. Events have had as few as 30, and up to more than 25,000. His collection of souvenirs includes 125 tee shirts.

"Most of the money associated with a run goes towards a charitable or community cause, so I feel that my years of running have not only contributed towards my well being, but also helped other people."

To prepare for Boston, George is doing between 25 to 30 miles during the week and a long run on the weekends and concentrating on hill training.

Will George Malone do well in Boston? Of course he will. He has the drive and determination to be the very best that he can be, which is the least that we should all expect of ourselves.



George Malone

Bloodmobile visit nets 209 units

A total of 209 units of blood were collected during the American Red Cross Bloodmobile visit Jan. 8 and 9.

More than 19,610 units of blood have been collected since 1953 by the Red Cross through visits to the Portsmouth plant.

Kelly McCaleb, Bloodmobile coordinator, extended thanks to all donors and to Barbara Pettit, Patty Hines, Ramey Hoskins, Susan Wellman and Janet Rice for providing assistance during this visit.

"First time" donors were Terry Barnett, David Colley, Marilyn Davis, Michael Eversole, Randy Fisher, Reed Hauser, Eugene Hughes, Cheryl Lovette, Steve Pullins, Elaine Rinehart, David Say.

Donors who have reached or exceeded gallon milestones are as follows:

5 gallons - Leslie Harrell and John Hutchison

4 gallons - Steven Lambright and Roger Stephenson

3 gallons - Gary Douthat, Paul Durham, Tom Hickman, Bill Ruby, David Stitt, Ralph Strickland and David Walters 2 gallons - Betty Bihl, Larry Burt, Peggy Campbell, Charles Fannin, John Hortel, Donald McCarty, Don Sanford, Richard Strange and Bruce Wilkinson

1 gallon - Harold R. Hopkins II

MARTIN MARIETTA

Energy Systems at Portsmouth

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VALUES

Committee activities build awareness, aim to further individual development

Individual Values come from within, and are formed over time. Established in youth, we strengthen them through our daily work, habits and actions. In turn, we pass them along and trust them to future generations.

Our Energy Systems Values statement and the work of our Values committees strive toward these goals. Their mission is to help Energy Systems to be regarded as the best in its endeavors, to communicate its successes, and to instill a more developed sense of Values in others within the organization.

Activities to increase employee awareness of Energy Systems Values and their implementation have continued to grow during 1990, with a primary focus on "people working together as a team."

Values Committees at each of the five Energy Systems sites have been involved in a number of projects, individually and together with those from other sites.

Five-site group efforts in 1990 included three quarterly meetings at Portsmouth in February, at Paducah in May, and at ORNL in December. Others included a presentation in Oak Ridge on "Personal Power" conducted by the Robbins Research Institute in June to help individuals develop confidence and self-esteem, a Total Quality Management Symposium on "People Involvement" in Oak Ridge in September for 300 Energy Systems managers, the implementation of an Energy Systems Values Material Distribution Program, adoption of an official Values logo to be used throughout Energy Systems, and production of a Values video tape "Values in Action" which shows people at all five sites who have made a conscious decision to "do the best they can to build a better work environment and to involve themselves in their communities.'

As part of the Values Implementation Program, the committee also designed a selection of promotional materials and made them available for use. These include a printed Values Statement, posters, frames, note pads and other materials that bear the Values logo or highlight key elements of the Values Program. Values Materials Coordinators were appointed for each site to facilitate acquisition and distribution of materials.

The individual Values Committees at each site are made up of people from all employment classifications.

At Portsmouth, this committee of your coworkers serves as the catalyst to heighten awareness of not only Values practiced, but also those requiring emphasis throughout the plant.

Division representatives are Karen Hollback, Cindy Vicars, Don Rockhold, Janice Stanley, Sandy Fout, Jim Mossbarger, Elaine Litten, Vanessa Burkitt, Keith Vanderpool, Tom Bonner, Josie Jordan and Jane Johnson. Melonie Valentine is the plant coordinator. Burkitt also is Materials Coordinator, while Johnson provides Public Relations interface.

The committee met in a planning session Jan. 10 to develop additional strategies to increase visibility of Values throughout the plant in 1991. The committee has accomplished other things.

- Developed a charter. The Values Charter for the Portsmouth plant reads, "The Portsmouth Values Committee will enhance the awareness and visibility of Corporate Values in the most positive manner throughout our organization by showing concern for people, promoting teamwork, and providing assistance to meet today's challenging goals."
- * Established goals and objectives. Committee goals for 1991 include demonstrating a "can do" attitude, emphasizing management's role in Values, and using a video to focus on Values activities throughout the plant and the community.
- Prepared a presentation on the Values Statement and Portsmouth plant activities. Developed to accompany the 12-minute "Values in Action" video, the presentation and video are available for meetings through division representatives or Vanessa Burkitt at extension 3708.
- * Promoted the "Wall of Honor." Following a brainstorming session and involvement of many people, the "Wall of Honor" emerged to become the first activity of its kind throughout Energy Systems to pay tribute to military persons serving in the Persian Gulf.

Recent environmental compliance training, the plant's tour program for school groups, EEO/AA special programs, and donations to victims of the Shadyside Disaster are other "silent" examples of our Values in action. Another is that during the last United Way campaign, a genuine concern for those in need by all people led us to exceed our plant goal.

All meaningful Values-related activities at Portsmouth are shared with other Energy Systems sites.

Contact your Values Committee with suggestions to increase the visibility of current "Values in Action" or offer new ideas to promote the concept of Values.



Engineers in Christmas attire

The Engineering Division's first annual ''Christmas Sweatshirt Day'' was Dec. 14. The special day was the brainchild of Bill Strunk, Superintendent, Design Engineering, and his secretary, Joyce Shuter. More than 60 people donned their favorite sweatshirt, tie, socks, or other holiday attire. Innovations included a shirt with working lights and a ''singing'' sweatshirt. Capping an ''enjoyable day for the entire division'' Santa ''Gerry McGuire'' Claus and ''his elf, Billy Strunk'' walked throughout the division early in the afternoon to distribute candy canes and wish each division employee a Merry Christmas.

Plant newspaper works to comply with directives on metric move

To an extent, the Portsmouth plant employee newspaper is going metric.

Mary Joy Jameson, Director of Public Affairs for the U. S. Department of Energy in Washington, D. C., recently noted that "The conversion to the metric system in the United States has been a long, drawnout process. However, progress is being made."

The Department is in the process of developing a comprehensive program to comply with the law, Jameson noted. "In the meantime, I would like for us to begin supporting the Department's metric transition program by using the metric system in all press releases and public affairs publications to the maximum extent practicable."

Effective Jan. 1, 1991, all press releases and public affairs publications should use metric units as the primary system of measurement except where the use of English units is the worldwide accepted standard. The English conversion should be secondary in parentheses, Jameson instructed DOE Field and contractor public affairs personnel. The Portsmouth newspaper sometimes will have the metric conversion in parentheses.

Section 5164 of the Omnibus Trade and Competitiveness Act of 1988 (P.L. 100-418) designated the metric system of measurement as the preferred system of weights and measures for U.S. trade and commerce.

It requires that, "...Each Federal agency, by a date certain and to the extent economically feasible by the end of fiscal year 1992, use the metric system of measurement in its procurement, grants, and other business-related activities, except to the extent that such use is impractical or is likely to cause significant inefficiencies or loss of markets to United States firms, such as when foreign competitors are producing competing products in non-metric units."

Back help available in Stores Department

Every year, millions of people suffer from lower back injuries caused by improper lifting, pushing and pulling. Back education alone isn't enough to prevent injuries. Research shows we forget to lift properly, even after instruction.

A practical aid — a back support — is available in Stores to help prevent lower back injuries.

These supports are lightweight and comfortable and designed to encourage proper lifting techniques by providing a broad base of lower back and abdominal support.

People whose work requires lifting, pushing and pulling, as well as employees who have had previous back injuries, are encouraged to use these supports.

The signature of a general supervisor or above is required on the Stores card to obtain these supports for site use. They are available in the following sizes and Stores numbers:

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Mediu	m											.3] -	- Ì	9.	8	60	13	
Large								,		,		.3	§ -	- 1	9.	8	o(5	
X-Lar	ge			÷								.3	Į.	·į	9.	-8	60	7	
XX-L	arg	e,e				,						. 3	Į -	- }	9.	8	60	9	



SPIRIT OF CORPORATE VALUES

Concern for People Working Together Challenging Goals Bill Curry was chairman of a very successful 1990 Recognition Banquet. Pictured with him (above) is Kasey Hoover (niece of Debby Young and grand-daughter of Trudy Dobbins), who won first place in her group in the recent 5K Fimess Run. All winners and top finishers in their respective categories received a specially designed sweatsuit, which was decorated with the decal of their respective winning particles.



Date set for Easter Egg Hunt

The Employee Activities Committee (EAC) has announced the date for the 1991 Easter Egg Hunt.

The activity will be conducted beginning at 2:00 p.m. on Sunday, March 24, at the Pike County Joint Vocational School on State Route 32 near the entrance to the plant's North Access Road.

"We were not able to use the XT-801 Building area again this year", said Doc Overly, event chairperson. "We are fortunate to be able to use the vocational school, which is centrally located and readily accessible to everyone."

More than 8,000 eggs will be hidden in

three different areas which will be designated for different age groups. In each of three areas, committee members will hide "special" eggs. Finders will receive a large stuffed animal. The EAC also will award special door prizes.

"This event is not really competitive. It is geared toward family fun", Overly added. There will be costumed characters, a prize and candy for each child, and plenty of refreshments. A professional juggler will perform after the egg hunt.

As with all EAC events, this outing is limited to employees, retirees, spouses, children and grandchildren.



Educational help bill extended

The Revenue Reconciliation Bill of 1990 extended through Dec. 31, 1991, the non-taxable status of educational assistance payments for undergraduate level courses and job-related postgraduate courses, including electives taken in pursuit of a job-related advanced degree.

However, through Dec. 31, the following educational assistance payments still are classified as reportable income to the recipient, and reimbursements will be subject to tax withholding procedures.

 Graduate level courses that are not job related (i.e., do not maintain or improve skills required in the present job)

• Courses taken for the sole purpose of qualifying for a promotion or position in a new field of work

Always taxable are reimbursements for post-graduate courses taken to prepare for a professional certificate or license that is not required by the company or needed to keep the present job (for example, CPA review and Engineering certification).

Questions concerning the taxability of reimbursements should be directed to the Training Department's Educational Assistance coordinator.

Annual banquet honors winners

Once again the Lake White Club, near Waverly, provided a very relaxing atmosphere as the winners and top finishers of company-sponsored events gathered to enjoy a hearty meal and to be entertained by Eric Gnezda, a Columbus singer and song writer.

All winners and top finishers in their respective categories received a specially designed sweatsuit, which was decorated with the decal of their respective winning activity. Master of Ceremonies for the evening was Bill Flanagan, security inspec-

tor, who quickly gained the attention of the crowd as he launched into his usual array of jokes and "true" stories.

Doing an outstanding job as chairman for this EAC sponsored event was Bill Curry, an employee of the Personnel Relations Department.

"I would like to express my sincere thanks to all the EAC members and other volunteers for once again doing a wonderful job in presenting a quality program for the employees and family members of Martin Marietta," Curry said.

Christmas Party deemed successful

By Shirley Walter

Christmas is that magical, mysterious time when all hearts are young and love and friendship abounds.

The spirit of the season overwhelmed the 1990 Children's Christmas Party, an activity of Dec. 2 in the gymnasium of Waverly High School.

Performing before a packed house, Dave Kaplan, a professional juggler from Columbus, provided an entertaining as well as educational demonstration of his juggling skills to young and old alike.

"That should teach you to always wash and inspect your food before eating," said Kaplan as he pulled a plastic worm from his mouth after taking a bite of an apple that just moments before had been revolving in the air above his head.

Kaplan performs before hundreds of children each year in area schools and libraries. He relates well with the children, and feels that while engrossed with his juggling talents, they are also aware of the safety messages that he projects.

The dropping of 1,200 balloons from an overhead parachute marked the arrival of that jolly old man in red from the North Pole

The Employee Activities Committee provided 1,100 sacks filled with candy, apples, and oranges, as well as a special gift, to the children. Rudolph, Frosty the Snowman, Ted E. Bear and a rascally Rabbit spent the afternoon wandering around greeting the excited children.

The Employees Activities Committee wishes to thank all members, their families and the other volunteers who once again made this annual event a huge success.

Retirees

November 1990

Mary K. Chandler, Waverly, Janitor (D-743), more than 13 years.

December 1990

Richard L. Day, Portsmouth, Shift Captain (D-911), more than 14 years.

January 1991

Robert M. Witt, Minford, Maintenance Mechanic (D-714), more than 16 years.

February 1991

Earl R. Bernthold, Lucasville, Welder 1/C (D-723), more than 26 years.

Michael F. Bettasso, Waverly, Supervisor, Maintenance (D-727), more than 37 years.

James E. Brown, Portsmouth, Design Technologist (D-621), more than 37 years.

George W. Mauk, South Shore, Ky., Electrician 1/C (D-711), more than 12 years.

Clarence A. McPherson, Jackson, Supervisor, Maintenance (D-721), more than 37 years.

A. Faye Thompson, Wheelersburg, Administrative Assistant (D-634), more than 36 years.

Allen Williams Jr., Wheelersburg, Electrician 1/C (D-711), more than 12 years.

James A. Young Jr., Wheelersburg, Assistant Cascade Coordinator (D-817), more than 22 years.

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