

Energy Systems at Portsmouth

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

Volume 7

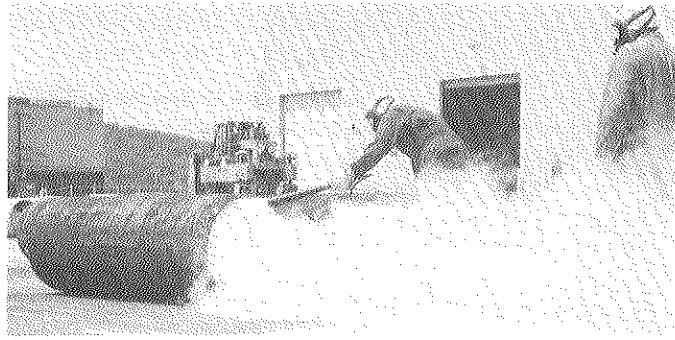
Piketon, Ohio

September 1992

Number 7

Always prepared

Drill program exercises operator response



The Operations drill team enacts a scenario of a leaking cylinder valve in the X-344 Cylinder yard. The operators respond by (left) donning a respirator, retrieving a CO2 extinguisher and (below) attempting to freeze out the valve. They then apply wet rags around the valve. After Supervision and Health Physics are contacted, they establish a (bottom, right) 10-foot boundary around the cylinder. This is all being observed by (top, right) Drill Monitors Tom Agans, Randy McGinnis and Charlie Hughes.

Semper Paratus: The Latin phrase, "always prepared," is a rule of thumb for operators at Portsmouth.

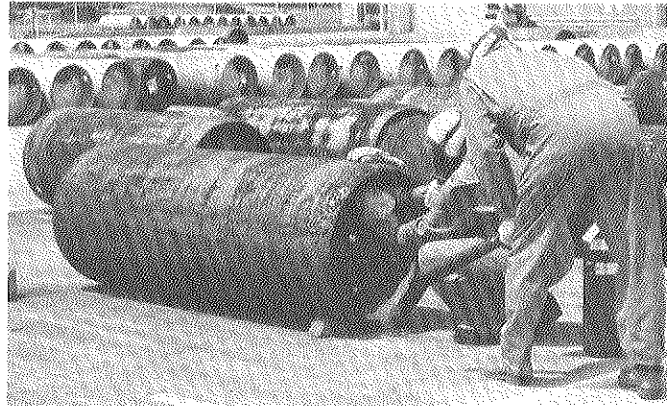
Imagine that an operator is sent to the X-344 Storage yard to retrieve a large cylinder full of UF6. Upon arrival, the operator finds that a small amount of smoke is leaking from the cylinder valve. He immediately dons a respirator, retrieves a CO2 extinguisher and attempts to freeze out the valve. His co-workers apply wet rags around the valve. Supervision is contacted, and Health Physics is notified. A 10-foot boundary is established around the cylinder.

This time, it's only a drill. The smoke is produced by dry ice, and the cylinder is empty. The operator did everything he was supposed to do, except he did not lay the CO2 extinguisher down on its side on the ground. Therefore, the lesson learned from this drill is that if the extinguisher is not on a rack or in hand, it is a pressurized cylinder and should be placed on its side on the ground.

The possibility of a leaky cylinder valve is actually remote compared to the benefits that are gained from this exercise. The purpose of the drill is to teach operators how to respond to abnormal, but controlled, situations. This is all part of the new Operations Training Drill Program.

In 1991, Nuclear Safety, a branch of the U.S. Department of Energy, concluded that Portsmouth needed such a drill program to help ensure it could operate during emergency situations.

The Portsmouth Operations drill team was established in February 1992, four months prior to the award fee milestone deadline, to help improve operator response to emergencies. The original drill team consisted of Dan Stout as Coordinator, Tom Agans, and Bill Develin. Stout and Agans already had Navy experience in



running similar drill programs — they co-authored the "Conduct of Drills" procedure that governs the program.

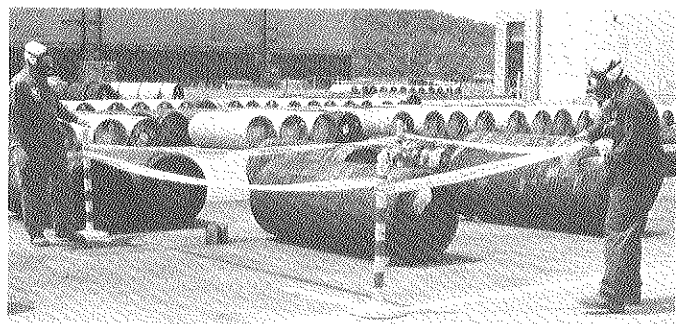
The team now consists of Agans as Coordinator, Jim Sturgeon and Randy McGinnis. The Operations drill team reports to Bob Clark, Division Manager, Special Programs. In conjunction with the Drill Program, each facility has identified drill coordinators as well; 10 of them are trainers, and seven work in Operations.

Since its first drill on Feb. 18, 1992, the Operations drill team has conducted more than 130 drills. Approximately 50 unique drill scenarios have been developed and are stored in a drill "bank." New scenarios are being written all the time. Drills are performed weekly in each of the eight Operations facilities.

The drills, which simulate real life operational problems, are designed to familiarize individuals with applicable emergency procedures, develop teamwork in responding to problems, practice formal communications, build confidence, and train participants by providing the most realistic indications of how problems appear. Drill monitors evaluate the operators' responses to problems and then provide feedback on how their responses could be improved.



"Drills ... are a valuable spot-check on the whole system."
Bob Clark



It takes approximately nine employee hours to prepare for a one-hour drill on the floor. The entire drill process lasts for around 1 1/2 hours. It begins with a briefing at which drill coordinators and drill monitors discuss roles and expected actions. They receive a copy of the drill which is to be run and are expected to provide overall control of the situation.

Then they set up the area in which the drill will be located. This may require props. The drill team's vehicle is filled with simulation equipment, including an imitation UF6 cylinder, fake needlepoints for gauges, fake alarm lights, and even a "moulage" kit full of fake injuries for drill players. This kit includes items such as a mask showing the face of a heat stroke victim. Sometimes photographs are used to depict the simulated incident; for instance,

one of the drill monitors may hold up a picture during a drill that shows a hole in a UF6 cylinder. The operators then respond accordingly.

The actions taken during the drill are recorded by the drill monitors. The monitors ensure the drills are conducted safely by making sure the specific responsibilities assigned at the drill brief are understood. They answer questions before initiating a drill.

Donned with red baseball caps, the drill monitors also make sure that all employees in the area know that a drill is in progress. If a real situation comes up that needs attention during the drill, the monitors will immediately abort the drill so the operators can attend to their duties.

After the drill has ended, the area is re-

(Continued on Page 2)

Drill team exercises operators

(Continued from Page 1)

stored to its normal condition, and employees go about their work. The coordinators and monitors then meet for a debriefing in which they discuss actions of the operators and supervisors. They also try to determine if the drill functioned properly and how improvements could be made.

Sometimes lessons learned from a drill show that a procedure is needed for that particular operation. A procedure might exist, but a copy is not available. Perhaps a copy is available, but it needs to be corrected, or "red-lined." This would take place during the de-briefing.

Equipment-related deficiencies might also be discovered during drills. "You don't want to find the system weaknesses after something happens," said Clark. "Drills are expensive, but they are a valuable spot-check on the whole system."

In addition to acquiring "Lessons Learned," an MVP (Most Valuable Participant) is awarded to the operator who does the best job of responding to the situation. The X-344 Toll Enrichment Facility also honors an "MVP of the Month."

The Operations drill team puts out a monthly summary of Lessons Learned, MVPs, plant management involvement, goals for the following month, and activities accomplished.

A drill committee meets quarterly to ensure that the program is meeting established objectives and to implement any new goals or objectives. Committee members include

Bob Bouts, Jeff Hedges, Earl James, Jules Ratliff and Bob Winegar.

The overall expectation of the Operations drill team is to improve Conduct of Operations and teamwork at Portsmouth and to help operators improve. The Operations drill team hopes to challenge the job knowledge of the operators in order to reinforce their expertise.

Deputy Plant Manager John Shoemaker and Uranium Enrichment Vice President Wendy Fields made a presentation to DOE-Headquarters in August on Portsmouth's progress in Conduct of Operations. The Operations drill team was used as one of the examples of this progress.

Shoemaker feels that the Operations drill team has several strengths such as "the simulation, the planning that goes into the drills and the formal feedback to Training and Procedures," he said.

The drill program will eventually be incorporated into the Operations division as "a way of life." In essence, the Operations drill team is serving as a "jump-start" for the program. However, it has recently expanded to other divisions besides Operations as the Maintenance Division participated in a drill earlier this month. Shoemaker said the program will not cover the entire plant but will serve only Operations, Maintenance and a few other divisions with operating functions.

Agans invites any plant personnel to observe the drills. He can be contacted at Extension 3742 to make arrangements.

Plant neighbors and leaders participate in ER workshop

Three separate workshops have been prepared to provide environmental information for members of the neighboring plant community and community leaders by the Department of Energy (DOE), Science Applications International Corporation (SAIC) and Martin Marietta Energy Systems at Portsmouth.

The workshops began on Tuesday, September 29, with a session on radiation and radon. Pete Xiques of SAIC gave the presentation with assistance from Greg Goslow of Environmental Control and Mark Granus of Health Physics.

The second workshop will take place on Tuesday, October 6, and will focus on Portsmouth's air monitoring program. Gary Snyder, Environmental Control, will be the speaker with assistance from Robert Blythe of Environmental Control and Goslow.

The final workshop is scheduled for Tuesday, October 13, and will concentrate on Portsmouth's groundwater, soil, and surface water sampling programs. Presen-

ters will include Seth Matters of Geraghty & Miller and Dick Blake of the Strategic Management Assistance Response Team.

The workshops will be located in Room 123 of the South Office Building XT-801. The second workshop will last from 6 to 8 p.m., while the final workshop will last from 6 to 9 p.m. The last two workshops will include optional site tours of an ambient air station, cooling towers, the coal yard/steam plant, environmental restoration sites, and a plant outfall location.

These workshops are a part of a continuing community relations effort to provide opportunities for public participation and two-way communication between the public and facilities undergoing cleanup actions as required by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and recommended by the Resource Conservation and Recovery Act (RCRA).

For further information on these workshops, contact Sandy Childers, SAIC, at extension 3704.



Representatives of the Maintenance Division staff their table at the Inhouse Career Awareness Expo. They include Bill Develin, Steve Allen, John Schwab and Gordon Sanders.

Career expo informs employees of careers available onsite

At the Safeguards and Security table, Eric Browder of Protective Force Training gave employees a chance to test their upper body strength by gripping a dynamometer. Fire Chief Jim Boyce was handing out advice on testing home smoke detectors.

At the Special Programs table, one could see some of the props used by the Operations Drill Team such as the mask of a heat stroke victim or a fake burned hand.

These were some of the attractions used at the Inhouse Career Awareness Expo to inform employees about the different careers that exist at Portsmouth. The expo was conducted on August 7 in the X-102 Cafeteria.

Coordinated by the Employment Department, the expo featured displays by the majority of the plant's divisions. These displays were stocked with information about various career opportunities in each of these divisions.

Employees that visited the different displays were advised of the credentials and goals they may want to obtain for entrance into certain career fields. However, no resumes were accepted, and no job offers were made. No discussion of pay, labor grades or other compensation matters took place at the expo.

Many of the divisions distributed literature which gave general information and job descriptions for different positions. Division organizational charts were also available.

According to Melonie Valentine, Department Head of Employment, the expo was attended by close to 400 employees from all payroll types. Each division table averaged 100 visitors.

"It was a positive effort to help employees learn about how we're staffed as a plant so they can have a better concept of what our business objectives are through the total plant employment efforts," Valentine said.

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Published monthly for Energy Systems employees at Portsmouth such as Randy Pratt of the Protective Force Department.

James named to coordinate EP department

Earl F. James has been promoted to Emergency Preparedness Coordinator for the Portsmouth site. He reports to Joseph Stockham, Acting Superintendent, Emergency Management.

James came to the Portsmouth plant in July 1980 as a Medical Training Instructor. In May 1988, he became a staff member of the Emergency Preparedness department.

In December 1991, he retired as Coordinator of the Pike County Emergency Medical Service, a position he had held for 17 years. At the same time, he retired from his post as Director, Pike County Emergency Management Agency after operating in that capacity for almost 12 years.

A member of Waverly's Fire Department for 23 years, James served as its Fire Chief from 1963 to 1980. He also edited The Waverly News Watchman from 1968 to 1976.

James has completed numerous courses relating to fire and emergency medical service and emergency management. He also is certified as an Emergency Medical Technician-Paramedic and as a State Emergency Medical Service and Fire Instructor.

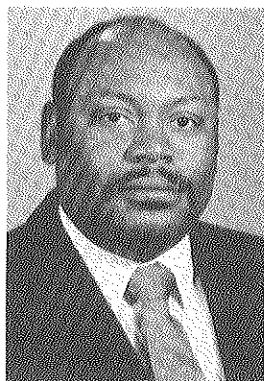
James and his wife, Pat, live in Waverly. He is the father of four daughters and has three stepchildren.



James



Fout



McCall



Perez

Obituaries

Harold Ray Thomas, Cuyahoga Falls, August 1. Survivors include a son-in-law, Larry Taylor (D-303).

Floyd Clausing, 65, Portsmouth, August 28. Survivors include a son, Kevin Clausing (D-823); a twin brother, Lloyd Clausing, who retired in May 1992 and another brother, Ralph Clausing, who retired in July 1985.

Fout promoted to Superintendent

Sandy Fout has been promoted to Department Superintendent of Design Engineering. She reports to Gerry McGuire, Manager, Engineering Division.

Fout came to Portsmouth in June 1979 as a Metallurgist. In September 1984, she became a Scientist. She was promoted to Senior Engineer in October 1987 and later became Supervisor, Engineering, in February 1990. Since March 1990, she had served as an Engineering Department Head.

Fout was graduated in 1979 with a bachelor of science degree in metallurgical engineering from the University of Pittsburgh.

She and her husband, Robert, have two sons and live in Beaver.

Perez becomes department head

Debby Perez has been promoted to Department Head, Environmental and Industrial Hygiene Analytical Services. She reports to Wayne J. Spetnagel, Department Superintendent, Environmental Safety and Health Analytical Services. She had served as Acting Department Head since September 1991.

Perez came to Portsmouth in April 1988 as an R&D Associate. From 1979 to 1984, she served as a Chemist in the laboratory at Scioto Memorial Hospital in Portsmouth. In 1984, she was promoted to Chemistry Supervisor for Scioto Memorial. In addition, she served as a part-time biology instructor at Shawnee State University for three years.

Perez was graduated in 1979 from Ohio University in Athens with two degrees, a bachelor of arts degree in chemistry and a bachelor of science degree in zoology. In 1991, she received a master's degree in business administration from Ohio University in Lancaster.

Perez and her husband, Manuel, have two children and live in Portsmouth.

Retirees

Robert B. Casari, Chillicothe, Sr. Staff Consultant (D-601), after 39 years of service.

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

New Arrivals

Daughter, Samantha Marie, August 23, to Jason (D-822) and Christy Bolling.

Son, Corbin Andrew, August 25, to Scott and Crystal (D-634) Bays.



Montgomery



Brown

Promotions

Lawrence H. Montgomery has been promoted to General Supervisor, X-330 Building. He reports to William M. Develin, Department Head, Cascade Support Maintenance.

Charles W. Brown has been promoted to Supervisor, Maintenance. He reports to Thomas L. Lowe, General Supervisor, Utilities Maintenance.

New Employees

August 17

Robert W. Cline, Mass Spectrometry (D-513).

Robert C. Davis, Health Physics (D-160).
Jeffrey A. Fannin, Instrument Maintenance (D-712).

Charles M. Glenn, Janitors (D-743).
Charles D. Good, Radiochemistry (D-553).

Roger L. Hankins, Instrument Maintenance (D-712).

John G. Knoechelman, Instrument Maintenance (D-712).

Dennis L. Meadows, Applied Nuclear Technology (D-524).

David M. Milam, Employment (D-024).

Danny R. Shelley, Mechanical Engineering (D-622).

Gary E. McDonald, Purchasing (D-321).

August 24

Wayne O. Perkins, Production Services (D-803).

William J. Potters, Health Physics (D-160).

Michael D. Riley, Process Services (D-514).

August 31

Randall A. Budnik, Health Physics (D-160).

April D. King, Employment (D-024).
Robert C. Rogers, Civil Engineering (D-621).

Kenneth L. Whittle, Health Physics (D-160).

Steven F. Zalek, Maintenance Engineering (D-701).

September 8

Mark A. Anglemeyer, Janitors (D-743).
Stephen J. Lummer, Health Physics (D-160).

Barbara M. Mantei, Janitors (D-743).

McCall promoted to head Cashiers

Ken McCall has been promoted to Department Head, Cashiers. He reports to Gary L. Wiseman, Department Superintendent, Financial Services.

McCall came to Portsmouth in February 1990 as an Accountant. His prior work experience included 14 years for the Federal-Mogul Corporation in Southfield, Mich. From 1986 to 1990, he served as an Assistant Controller at WGPR, Inc., in Detroit, Mich.

McCall was graduated in 1972 from Albany State College in Albany, Ga., with a bachelor's degree in business administration. In 1984, he received a master of arts degree from Central Michigan University.

In addition, he is affiliated with the Boy Scouts of America, the NAACP, and the Institute of Internal Auditors.

McCall and his wife, Florine, have two children and live in Chillicothe.

National Fire Protection Week

Plant invited to attend

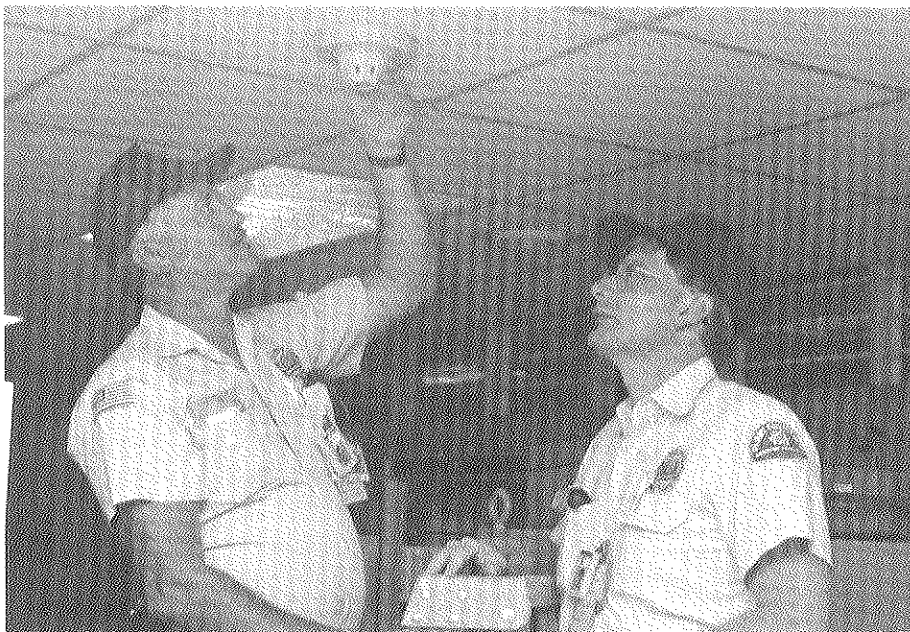
Portsmouth will be marking National Fire Protection Week with a two-day open house at the X-1007 Fire Station that will take place on October 6 and 7, 1992, from 9 a.m. to 3 p.m. This year's theme is "Test Your Detectors — It's Sound Advice."

The open house will offer live pumper demonstrations, safety videos and informational literature. Visitors will be able to get a close look at all the fire equipment, including the trucks. The Safety Department will also have a display.

On Tuesday, October 6, at 1:00 p.m., there will be a demonstration of a Hurst tool which is used to extricate personnel from a vehicle.

On Wednesday, October 7, a Lifelight emergency helicopter will be on display beginning at 1:00 p.m. Several smoke detectors will be given away by drawing, and some tot finder stickers will be distributed as well to employees with small children at home.

The Fire Department extends an invitation for all employees to attend the open house as refreshments will also be available. This will be the fourth open house the department has held to honor National Fire Protection Week.



Clinton "Buck" Fouch tests one of the plant smoke detectors as Steve May assists.

Ethics Hotlines

To report possible wrongdoing or to obtain clarification on ethical matters, contact your Ethics Representative at extension 2554 or call the Corporate Ethics Office at (407) 356-9400. Additionally, the following Energy Systems "Hot Lines" are maintained as another means for reporting concerns:

- Energy Systems Hot Line (615-576-9000)
- Energy Systems Ethics Hot Line (615-576-1900)
- Martin Marietta Corporation Hot Line (1-800-3-ETHICS)
- DOE Inspector General and Environmental Hot Line (1-800-541-1625)

Monthly Highlights

- The Maintenance Division completed the red-lining of 84 maintenance procedures identified as "in-hand." This satisfied an Award Fee Milestone requirement.
- An Empowered Work Team was formed to improve the complaint handling system at Portsmouth. Members include Sally Cunningham as chairperson, LaDonna Coriell, Jeanette Langford, Ed Paul and three others to be confirmed later.
- The Director of the Ohio Environmental Protection Agency (EPA) granted an additional 135-day extension for storage of wastes under RCRA Land Disposal Restriction (LDR) requirements.
- The White House issued a statement on August 31 announcing that the United States would purchase highly enriched uranium (HEU) from Russia. The U.S. Department of Energy (DOE) Public Information Office stated this decision will not affect employment at either the Portsmouth or Paducah plants because DOE will reduce electricity use at its diffusion plants in order to accommodate the Russian material.

Smoke detectors decrease your risk of dying in a fire by half

You can't just rely on your own senses and presence of mind to detect and escape from fire. The very nature of smoke and other fire products may prevent you from realizing the danger and reacting properly.

Most fatal home fires strike at night, while people are asleep. So every home needs smoke detectors to wake people up before smoke overcomes them.

Fire officials consider smoke detectors the most effective low-cost firesafety devices you can buy. Almost every day, a smoke detector saves somebody's life. In fact, years of real-life experience show that with working smoke detectors, your risk of dying in a fire is cut in half.

What to buy

No matter where you buy your detectors and regardless of what type they are, be sure to buy only "labeled" units — those bearing the mark of an organization that tests and evaluates products. Follow the manufacturer's recommendations for installation, testing and maintenance.

How many do you need?

Minimum protection requires smoke detectors outside each bedroom and on each additional level of the house — including the basement.

Most home fires start in living areas — the den, family room or living room. On a floor with no bedrooms, install the required detector in or near the living area.

For extra protection, you should also install detectors in the dining room, furnace room, utility room and hallways.

Smoke detectors are not usually recommended for kitchens, attics (finished or unfinished) or garages. You can increase your protection, though, by installing heat detectors in these areas. But you should not substitute heat detectors for the smoke detectors recommended above.

Installing smoke detectors

To install most smoke detectors, all you need are a screwdriver and a drill. Follow the manufacturer's installation instructions.

Smoke detectors operate either on batteries or household current. A detector that plugs into a wall outlet must have a restraining device so that the plug cannot accidentally be pulled from the wall. Detectors can also be hard-wired into the electrical system, but never hard-wire a detector to a circuit that can be turned off at a wall switch.

Because smoke rises, each detector should be mounted high on a wall or on the ceiling to detect the first traces of smoke.

- For a wall-mounted unit, the top of the detector should be 4 to 12 inches from the ceiling.

- A ceiling-mounted detector should be placed at least 4 inches from any wall.
- In a room with a high pitched ceiling, mount the detector on or near the ceiling's highest point.
- If a stairway leads to an upper story, install the detector in the path where smoke would travel up the stairs.
- Don't install a detector near a window, door or air register where drafts could reduce its sensitivity.
- Locate a basement smoke detector close to the stairway leading to the floor above. But don't install the detector at the top of the basement stairs; dead air space near the door may prevent smoke from reaching the detector.

Most important, make sure that people in the bedrooms can hear and recognize the sound of the detector, even with the doors closed.

If you have any questions, ask your local fire department. A member will be glad to advise you on the best placement of your detector.

Keep your smoke detectors working.

Test and clean all detectors regularly. Replace the batteries according to the manufacturer's recommendations or at least once a year. Warn everyone in your household to leave working batteries in smoke detectors — resist the temptation to borrow them for other purposes.

Test your smoke detectors once a week to make sure you're protected. Follow the manufacturer's instructions for testing.

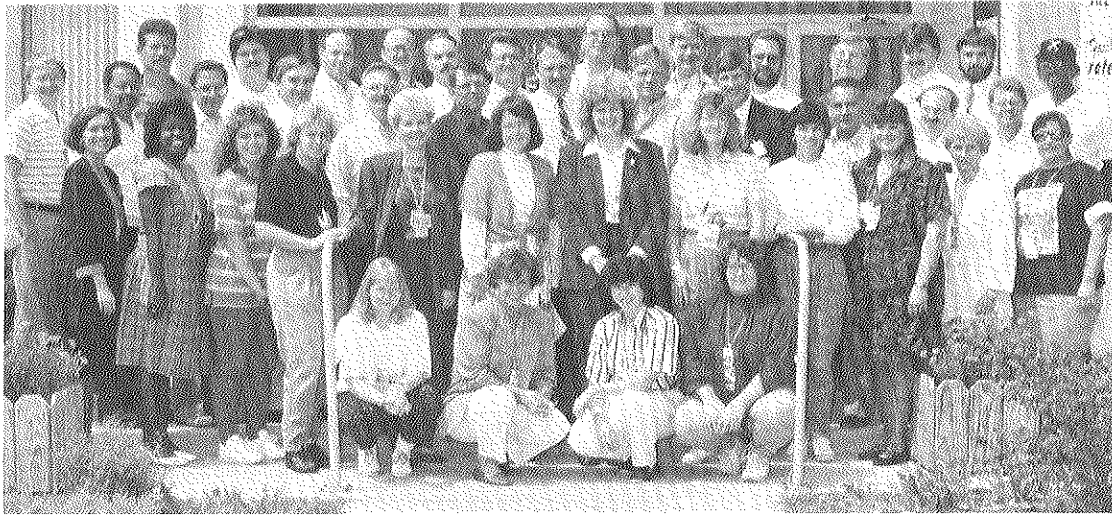
Clean your detectors at least twice a year to remove cobwebs and dust that can impair a detector's sensitivity. If you repaint a room, make sure no paint gets on the smoke detector.

Practice your escape.

Properly installed and maintained, smoke detectors can warn you in time to escape. But don't be lulled into a false sense of security just because you have taken this precaution.

Even after it warns you of a fire, you have only moments to escape. When a fire occurs, there's no time for planning. So sit down with your family today, and make a step-by-step plan for escaping a fire. Make special provision for infants, elderly, and handicapped persons. Have two ways out of every room in case flames or smoke block one way. Establish a place outside where everyone will gather. Don't go back into a building that's on fire. Practice the escape plan with an Exit Drill In The Home (E.D.I.T.H.) at least twice a year.

The importance of education at Portsmouth



Science Demonstration Program

Energy Systems employees participated in six science demonstrations to an audience of 1,690 students and teachers this past school year. They also judged 14 science fairs. Bobby Fuhr now serves as Technical Services Division Science Demonstration and Special Activities Program Coordinator. He replaced John Hobensack who relinquished his title at an appreciation luncheon conducted on August 21 at the X-102 cafeteria. Dr. Larry Meredith, Superintendent of Pike County Schools, served as speaker. Employees who attended included (front row) Mary Novomy, Sandy Pollard, Kay Peters, Tina Medved, (second row) Jane Johnson, Toni Brooks, Tina Vinings, Pamela Ward, Ruth Charles, Bonnie Rumble, Sandy Fout, Karin Foster, Mimi Clausing, Kathy Nelson, Eleanor Brackman, Melody Channell, (third row) Paul Simpson, Robert Robinson, Anthony Saraceno, Jim Hamilton, Tim Olin, John Pappas, John Hobensack, Joe Porter, Dr. Larry Meredith, Art Cardenas, Dave Manuta, Keith Banks, (fourth row) Bob Kennard, Steve James, Larry David, Dave Nickel, Randy Waugh, Alex Alatsis, Tony Sturgeon, Gene Deacon, Dan Charles, Ron Wawro, Mary Kelley, Bobby Fuhr and Bill Lynch.

Training offers English courses to aid individual development

To improve communication skills throughout Martin Marietta Energy Systems, Inc., and to encourage personal development, the Training Department is offering an educational service known as "Practical English and the Command of Words."

There are no classes to attend, no written assignments, and no dry or difficult texts. Instead, students advance at their own pace through 48 brief and interesting units. Self-administered tests help students to determine their progress. The program is to be done on the employee's own time.

The program addresses problems encountered in the everyday use of the English language such as proper word usage, spelling, punctuation, pronunciation, grammar and style.

Administration of the program is simple. The binder with the first 12 instruction units will be delivered to the student's home. Three subsequent installments will be mailed by the publisher at 30-day intervals. The last installment will include the final Comprehensive Examination which must be com-

pleted and returned within six months from the date the student started the program. Upon successful completion of the examination, the student will receive a Certificate of Completion and a copy of the Webster Illustrated Contemporary Dictionary.

The program is available for \$91.16. Those employees who successfully complete the program (70 percent or better on the final comprehensive examination) will be reimbursed through the plant's Educational Assistance Program.

Employees were to have received a letter about this course during the month of September. Interested employees should follow the instructions included in that letter in order to enroll.

A preview binder will be available in each Division Manager's office, the X-710 Library, and the X-100 Engineering Library.

If you did not receive a mailing on this course, or if you want further information, contact Jane Johnson or Patty Hines of the Educational Assistance Office at Extension 2910.



Vicki Richard (D-370) discusses educational opportunities available at Southeastern Business College with Admissions Representative Linda Trowbridge during the Education Fair.

Education Fair to be annual event

Portsmouth's first Education Fair was conducted on August 26 at the X-102 Cafeteria, attracting a crowd of more than 300 attendees. Offered through the Educational Assistance Program, the fair gave employees an opportunity to discover the courses of study and educational opportunities available to them through this program.

Schools and organizations that were represented at the fair included Ohio State University, Capital University, Ohio University - Chillicothe, Shawnee State University, Southeastern Business College, the University of Rio Grande, and the English Institute of America.

A representative from the ConSern Loans for Education organization was also on hand. This organization makes college tuition loans available for the children of parents who work for participating companies — of which Martin Marietta is one.

Information was also available on the National Technological University (NTU), an on-site satellite program which is coordinated by Jerry Moore. NTU began regular satellite delivery of advanced technical education in August 1985. Portsmouth has par-

ticipated since the fall of 1990.

NTU offers Master of Science programs in Computer Engineering, Computer Science, Electrical Engineering, Engineering Management, Hazardous Waste Management, Health Physics, Management of Technology, Manufacturing Systems Engineering, Materials Science and Engineering, Software Engineering and Special Majors. The courses are taught by the top faculty of 45 of the nation's leading engineering universities. Undergraduate bridging courses for non-majors wishing to enter the M.S. programs in Computer Engineering, Computer Science and Electrical Engineering are also available.

NTU is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools. More than 415 sites participate in the NTU Satellite Network.

The Educational Fair will be an annual event at Portsmouth with the next one taking place in July 1993.

Portsmouth's site educational representatives are Patty Hines, Jane Johnson and Moore.

Service Milestones

October 1992

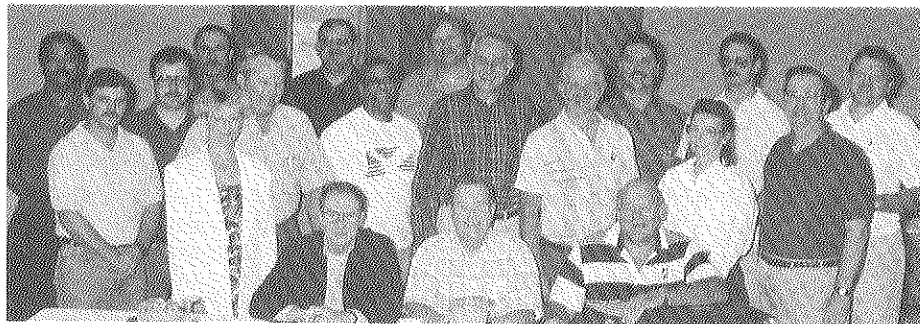
30 years — Xenophon S. Maroudis.

25 years — Richard J. Schwab, Mary S. Chaffin, Anthony J. Saraceno, and Burnett D. Billings.

20 years — Gary M. Collier, Haden A. Davis, Joseph F. Schreck Jr., Ronald H. Boggs, William A. Uhrig, James W. Barnett, James M. Moody, Thomas R. Pennington, Richard E. Valentine, Teddy A. Woodruff, Keith L. Lee, and Thomas H. Maggard Jr.

15 years — Gary S. Souders, John D. Lowe, Brian J. Waller, Lester D. Helmick, Angela J. Strickland, Thomas E. Harr, Jane A. Wilbur, Rodney W. Lyons, Thomas C. Dodds, Marilyn G. Stone, Thomas D. Sullivan, and Larry E. Liggins.

10 years — Howard E. Potts, Mary J. Crabtree, Cheryl L. Lovette, John W. Ater, and Sara L. Cunningham.



Attendees of the UPGWA Retreat at Shawnee Lodge included (front row) Bob Worrell, Clyde Hopkins, Gerry Hartlage, (second row) Rick Coriell, Steve Arnold, Marjean Colley, Lynn Calvert, Wayne McLaughlin, Ralph Donnelly, Jack Buettner, Beth Keener, Bob Uhlinger, (third row) Gary Hairston, Dan Hupp, Don Martin, Garry Hager, Jack Scott, Brian Summers and Bill Lemmon.

UPGWA retreat at Shawnee

A retreat was conducted on August 17 and 18 for the United Plant Guard Workers of America (UPGWA) negotiating committee at Shawnee State Park Lodge in Friendship. Clyde Hopkins, President of Martin Marietta Energy Systems, attended the retreat to give a talk on the corporation's Values Program.

Jack Buettner, Office of Federal Mediation and Conciliation Service, spoke about "Win-Win Bargaining." This type of bargaining consists of negotiations based on Principles, Assumptions, Steps, and Techniques which are used to achieve positive

results for both parties. He emphasized that win-win bargaining focuses on issues, not personalities; it focuses on interests and not on positions. Win-win bargaining generates options to satisfy both mutual and individual interests, he said. It also allows the parties to evaluate those options within the boundaries to which the parties have agreed.

Other speakers at the retreat were Gerry Hartlage, International Representative, UPGWA; Jack Scott, Vice President, Local 66; Lynn Calvert, Division Manager, Safeguards and Security and Wayne McLaughlin, Director, Human Resources.



Flight champions and organizers of the annual company golf tournament included (above) Sam McGraw, Ed Workman, Phil Moore, Carl Humston, Mary Ann Rapp, Russ Johns and Sandy Morrison. Not pictured are Jerry Copley, Dave Marr and Rusty Shope.

Recreation Corner

On Saturday, August 8, 158 golfers teed off at the annual company golf tournament at Shawnee State Golf Course in Friendship. The four winners in each flight played again on August 15 for the championship at Franklin Valley Golf Course in Jackson.

Jerry Copley (D-512) won the championship flight with a score of 70. Those who placed first in their individual flights included Ed Workman (D-712), A-Flight (79); Carl Humston (D-551), B-Flight (88); Dave Marr (D-634), C-Flight (83); Rusty Shope (D-160), D-Flight (90); Sam McGraw (D-410), E-Flight (95) and Mary Ann Rapp (D-347), F-Flight (102).

Skill prize winners included Gordon Sanders (D-720) for Closest to Pin Hole 6, Wray Jordan (D-011) for Longest Drive Hole 7 Men, Rick Johnson (D-829) for Longest Putt Hole 9, Steve Adams (D-911) for Closest to Pin Hole 12, Chris Ondera (D-741) for Longest Drive Hole 13 Men, Alene Weiss (D-347) for Longest Drive Hole 13 Women and John Pappas (D-108) for Longest Putt Hole 18.

Door prizes were given away as well. Wayne Nibert (D-911) won a golf bag with head covers, Rick Auringer (D-411) won a pull cart, Mark Mentges (D-803) and Mark Hasty (D-544) each won a putter, and Carl Munn (D-829) and Eric Browder (D-911) each won a golf umbrella.

Sponsored by the Employee Activities Committee, the golf tournament was co-chaired by Russ Johns (D-931) and Phil Moore (D-451) with assistance from Sandy Morrison (D-931).

The winners and tournament directors will be recognized at the Recognition Banquet to be held on November 2.

Division reps help to make August blood drive successful



Sharon Pressman of the American Red Cross presents a plaque and trophy of appreciation to Bill Lemmon who represented the Plant Manager during the August 14 appreciation lunch for bloodmobile team representatives. Pictured are Regina Rapp, Technical Services; Sandy Pollard, Waste Management; Vanessa Burkitt, Maintenance; Cathy Sizemore, Management; Mitch Helms, Special Programs; Lemmon; Carol Snively, Engineering; Pressman; Kathy Nelson, EAC representative; Barbara Blair, ES&H; Rick Arthur, Red Cross; Bill Pyles, Operations and John Christian, Coordinator. Not pictured: Gary Hairston, Security; Ken Newton, Business Services; Larry Nickel, Human Resources and Pam Rigby, Compliance and Support Services.

The Tri-State Region Blood Services collected 189 successful units of blood during the August 5 and 6 Red Cross Bloodmobile visit at the plant.

Combined with the 187 units collected during the June 1 and 2 visit, Red Cross representative Rick Arthur says the 376 units will serve more than 5,000 patients in area hospitals.

For the first time, representatives from the plant's divisions were used as information liaisons; the giving of blood is a voluntary decision made by each employee without solicitation from the employer.

The visit was conducted in the X-102 Cafeteria with members of the Red Cross Bloodmobile and local volunteers, organized by Waverly resident Janse Steiger.

Green appointed to Ethics Officer

Richard O. Green has been appointed Ethics Officer for Energy Systems.

In his new position, he reports to Energy Systems President Clyde Hopkins, with a dotted-line reporting responsibility to George Sammet, Martin Marietta Corporation Ethics officer.

Green's responsibilities include monitoring company performance under the Corporate Code of Ethics and Standards of Conduct; investigating and resolving allegations of unethical conduct; providing information, interpretation and guidance concerning matters affected by the code; and ensuring fairness and maximum confidentiality in the investigation process.

He joined the organization in 1968 as a Computing Analyst in the Computing and Telecommunications Division at K-25. He later served as Section Head of Computing and Telecommunications at ORNL, as head of Engineering Management and Information Systems at K-25, and as Computing and Telecommunications site manager, first at K-25 and most recently at Y-12.

Green holds a bachelor of science degree in mathematics and a master of science degree in management information systems from the University of Georgia. He is a member of the Energy Systems Chapter, National Management Association.

Donors who reached gallon milestones were as follows:

5 gallons — Scott Coffman, Walter Johnson, and Lila Donley.

4 gallons — Arlie Adams and Paul Austin.

3 gallons — Gary Douthat, Susan Wellman, and John Zoellner.

2 gallons — Delores Wright

1 gallon — Constance Hoover and James Childers.

"First Time" donors included Thomas Agans, Carol Allen, Barbara Blair, Cindy Charles, Richard Coriell, Cathy Cornish, Mary Delay, Thomas Depugh, Edward Dietrich, Michael Fallen, William Farley, John Gemperline, Gary Hairston, Keith Hoop, Stephen Humble, Roberta Hutchison, Sarah Jenkins, Richard Larson, Melissa Malone, Randall McGinnis, Donald Opalinski, Jeri Pintor, Thad Sherwood, John Shoemaker, Rebecca Shultz, Karen Stanley, Mary Stewart, Terry Taylor and Madaline Trego.

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