

Energy Systems at Portsmouth

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

Volume 1 Piketon, Ohio December 1986 Number 1

Effective Sunday, November 16

Portsmouth plant contract transfers to Martin Marietta

Operation of five United States Department of Energy plants, including its entire three-plant uranium enrichment complex, became the responsibility of Martin Marietta Energy Systems, Inc., effective Nov. 16 with transfer of Goodyear Atomic Corporation's contract for operating the Portsmouth Gaseous Diffusion Plant from The Goodyear Tire & Rubber Company to Martin Marietta Corporation.

The companies announced Sept. 23 the signing of a letter of intent preliminary to the agreement under which Martin Marietta would assume the management contract. Final agreement was signed by officers of Martin Marietta and The Goodyear Tire & Rubber Company on Thursday, Nov. 13. The agreement was then approved by the U.S. Department of Energy (DOE) on Friday, Nov. 14.

The Energy Systems Company has been the operating contractor for the Oak Ridge, Tenn., and Paducah, Ky., gaseous diffusion plants since early 1984, following DOE selection of Martin Marietta Corporation to succeed Union Carbide as operator of the two uranium enrichment plants in addition to the Oak Ridge Y-12 Plant and Oak Ridge National Laboratory.

Martin Marietta Energy Systems,

Revised paper

Welcome to the first issue of *Energy Systems at Portsmouth*, the monthly newspaper for Martin Marietta Energy Systems' Portsmouth Gaseous Diffusion Plant employees and retirees.

Transitional in its first issue, the newspaper will be published monthly as was *The Wingfoot Clan*, the Goodyear Atomic newspaper published from 1953 through the October 1986 issue.

A plant newspaper was not published in November 1986.

As always, the newspaper is intended to be a service to employees, and your editorial contributions and/or ideas are welcome.

Inc., with headquarters in Oak Ridge, was established as a new division when Martin Marietta Corporation and DOE signed an interim contract Dec. 22, 1983, to cover a phase-in period for the company to prepare for full operating responsibility effective April 1, 1984, with the permanent contract. The agencies signed the formal contract March 30, 1984, through which Martin Marietta Corporation assumed full operating responsibility.

A 41-year period of operation of the four facilities by Union Carbide Corporation, Nuclear Division, ended when Martin Marietta assumed the

(Continued on Page 2)

Donnelly undertakes plant management role

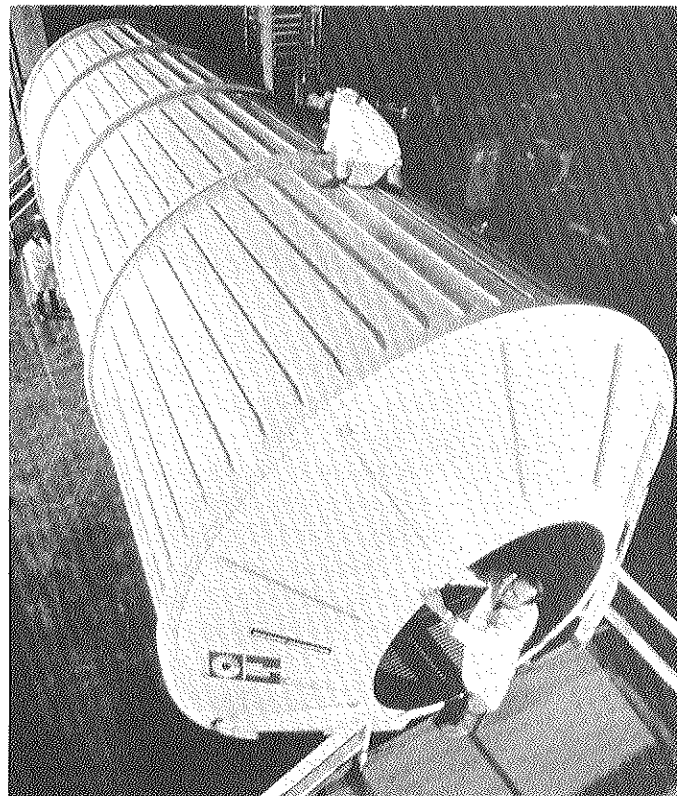
Ralph G. Donnelly became plant manager at the U.S. Department of Energy's Portsmouth Gaseous Diffusion Plant effective Nov. 16 with the transfer of the operating contract from Goodyear Atomic to Martin Marietta Energy Systems, Inc.

Donnelly reports to Kenneth W. Sommerfeld, vice president, Enrichment.

A native of Cleveland, Donnelly received his bachelor of science degree in metallurgical engineering from Case Institute of Technology in 1959. He also has done graduate work in metallurgical engineering at the University of Tennessee and participated in an Executive Development Program at Cornell University.



Donnelly



Martin Marietta builds test module for space station

Martin Marietta engineers unveiled a full-scale functional model of a Space Station crew module at NASA's Marshall Space Flight Center at Huntsville, Alabama. Called a common module integration simulator, the model will be used to verify and test prototypes and actual Space Station hardware. Martin Marietta leads a team of aerospace companies that is competing for the NASA contract to develop a crew module. NASA plans to assemble a space station in orbit by 1994. A feature story about Martin Marietta and more photographs are on Pages 4 and 5.

Before coming to Portsmouth, Donnelly had served since April 1984 as plant manager for Martin Marietta Energy Systems at the Paducah Gaseous Diffusion Plant. Before then, he was responsible for various technical and managerial assignments at Oak Ridge National Laboratory and the Oak Ridge Gaseous Diffusion Plant.

He began his career in 1959 as an engineer in the welding and brazing group in the Metals and Ceramics Division of ORNL. He was named coordinator of the division's Isotopic Power Materials Program in 1967 and head of the Ceramics Development and Powder Metallurgy group in 1970.

(Continued on Page 3)

McLaughlin becomes new director of Portsmouth Personnel division

B. Wayne McLaughlin has been named director of Personnel at the Department of Energy's Portsmouth Gaseous Diffusion Plant.

The appointment was effective Nov.

16 with the transfer of the operating contract to Martin Marietta.

McLaughlin reports to Ralph G. Donnelly, plant manager.

McLaughlin is responsible for the Employment, Labor Relations, Human Resources Development, Affirmative Action, Compensation and Plant Policy departments.

McLaughlin, who joined Martin Marietta Corporation in 1969, has had substantial experience in personnel management, serving at various times as Affirmative Action coordinator, Employment Department supervisor and Compensation Department supervisor at the Oak Ridge Gaseous Diffusion Plant.

(Continued on Page 3)



McLaughlin

Josie Jordan received the 1986 Local Spirit Award based on the nomination submitted by Keith Vanderpool (left). Second from left is Dr. Henry A. Thomas, chairman of the Spirit Award recommendation committee. At right are Bob Bush, director, Business Services; and Vince DeVito, director, Site Operations. The divisional award went to an employee in the Akron Technical Center.



Josie Jordan receives 1986 Spirit Award

Enthusiasm and dedication demonstrated over 17 years in her career at the Portsmouth Gaseous Diffusion Plant by Maintenance Coordinator Josie Y. Jordan (D-742) resulted in her selection as the 1986 Goodyear Atomic Corporation Local Spirit Award Winner.

Jordan's nomination was submitted by Keith Vanderpool, Maintenance Planner.

To summarize Vanderpool's nomination:

"My nominee for the Goodyear Spirit Award is a model employee at Goodyear Atomic, very active in her community, and a dedicated, involved parent."

"Beginning in Purchasing and later in Maintenance, Josie proved to be a very conscientious and trustworthy employee. Despite the pressures of work and family, Josie took advantage of the Company's Educational Assistance Program, eventually earning an associate degree in management. She received the Award for Academic Excellence from Shawnee State Community College. Because of her ambition, drive, and performance, Josie was selected for the first Foreman's Training Program."

Jordan was promoted to Maintenance Coordinator in 1980. There were no problems as she carried out her responsibilities of supervising at least 10 male planners — all with craft backgrounds, Vanderpool noted.

"Josie is a fine supervisor and earned the respect and support of those who work for her."

Jordan lives in Wheelersburg and is active in community activities there and in Portsmouth. She is an active member of the Pleasant Green Baptist Church where she serves as a youth counselor, Sunday School Superintendent and church treasurer. She has also coordinated a number of field trips for church youths and senior citizens.

Her outside activities include serving on the board of directors of the 14th Street Community Center, as a member of the Dorothy Taylor Scholarship Committee, and a member of the Committee on Sickle Cell Anemia, established through Sheba Chapter 14, Order of Easter Star.

Even as a single parent, she also manages to provide guidance to her two teenage sons and one teenage daughter in their wide range of school, sports, band, church and community activities.

The Goodyear Spirit Awards Program provides recognition at three levels — local, divisional and

Portsmouth plant contract transfers to Martin Marietta

(Continued from Page 1)
permanent contract, which covers an initial period of five years and six months, effective through Sept. 30, 1989.

Union Carbide announced in 1982 its intention to withdraw as DOE's operating contractor for the facilities. Employees of Union Carbide became employees of Martin Marietta Corporation on the first effective day of Martin's operating contract.

Martin Marietta Energy Systems now employs more than 18,000 in the

management and operation of the five facilities. Personnel at the Oak Ridge National Laboratory (ORNL) are engaged in energy research and development, while the Oak Ridge Y-12 Plant conducts projects in support of national defense.

The Oak Ridge (K-25), Paducah and Portsmouth gaseous diffusion plants make up a three-plant DOE complex which provides uranium enrichment services to DOE customers worldwide and for the U.S. Navy's nuclear-powered ships and submarines. The Portsmouth plant is the only one with the capability of providing very highly enriched uranium to the Navy.

With the K-25 plant now on stand-by, all shipments to DOE customers also are being made from the Portsmouth plant. The Paducah plant provides partially enriched uranium to between one and two percent U-235 to be used as feed at Portsmouth.

License registrations

Ohio employees with last names beginning in U, V, W, X, Y or Z are to renew vehicle registrations in December.

Employees with last names beginning with A or B are required to renew vehicle registrations in January.

Message from the plant manager

"Excellence, mission success"

More than a month has passed since Martin Marietta assumed Goodyear's contract for operating the Portsmouth plant. It's been quite an interesting few weeks, as I've learned more about the Portsmouth Plant and the people who share in its operation.

I came to Portsmouth with a sincere appreciation of the confidence shown in me by Martin Marietta and the Department of Energy, very excited and happy to be chosen to undertake this responsibility, and now look forward to working with you as we face the future challenge of managing the plant in excellent and successful fashion.

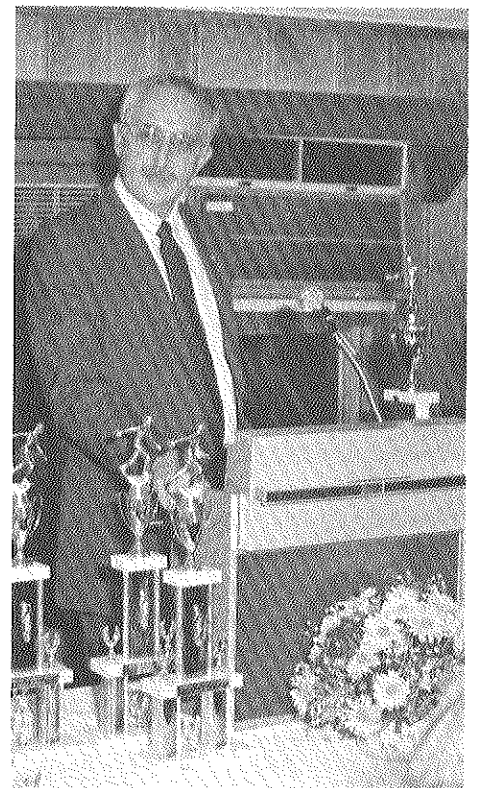
Having served as plant manager at Paducah following the change from Union Carbide to Martin Marietta operation, I can appreciate your questions about transition, and we intend to address each of them as information becomes available.

I hope to meet and talk with each of you as our respective schedules permit, and for us to be mutually involved sharing objectives, goals, ideas and concerns. Together, we will manage the DOE installation at Portsmouth with "Commitment to Excellence," ever mindful of the goal of "Mission Success."

As a Cleveland native, I'm also excited about returning to Ohio after working more than 25 years at government plants in Tennessee and Kentucky. I look forward to being involved in local community activities.

Martin Marietta Energy Systems also looks forward to plant operation and to a long and mutually rewarding association with its employees and the people of Southern Ohio.

You and your families have my best wishes for an enjoyable and safe Christmas, and I look forward to sharing with you a productive and successful 1987.



On the evening of his first full workday as plant manager, Ralph Donnelly spoke to those in attendance at the Employee Activities Recognition Banquet at the Lake White Club.

Cash, checks and the pledge statement for United Way of Chillicothe-Ross County were presented to its corporate division chairman, Mike Slack, by Security Inspector William "Buck" Walter (D-911) during the 1986 All-In-One Campaign allocation luncheon Nov. 7.



Almost \$90,000 goes to United Way through Portsmouth plant campaign

Almost \$90,000 will benefit local citizens through the agencies of United Way as a result of the 1986 Goodyear Atomic Corporation "All-In-One" Campaign.

Goodyear Atomic completed its United Way campaign Nov. 7, one week before the contract for operating the Portsmouth Gaseous Diffusion Plant was assumed by Martin Marietta Energy Systems, Inc.

A corporate gift of \$30,000 from The Goodyear Tire & Rubber Company was added to employee pledges and cash donations totalling \$58,748.71 before allocation to United Way representatives.

Breakdown of gifts by county was as follows: Jackson, \$8,112.01; Pike, \$25,327.50; Ross, \$16,254; Scioto, \$37,505.20; and other counties, \$1,550.

More than \$1.7 million has been provided to United Way through Goodyear Atomic Corporation and the employees of the Portsmouth Gaseous Diffusion Plant since 1952.

William J. Lemmon, manager, Production Division, served as the salary and general chairman. Joining him to make up the tri-chairman group were Keith Burchett, OCAW Local 3-689, and William "Buck" Walter, UPGWA Local 66.

Goodyear Atomic groups achieving more than 100 percent of their goal included OCAW Local 3-689, UPGWA Local 66, the President's area, the Technical Division and the Production Division.

Three Miss All-In-One representatives promoted the United Way concept of contributing to area agencies

through plantsite visits prior to and during the campaign. These representatives were Cathy Amato (D-221), Beth Hummel (D-911) and Debby Kelley (D-829).

Ten \$100 U.S. Savings bonds were awarded through a drawing to employees who contributed at least \$12 to the campaign, one chance per each \$12 contribution.

Winners were O.W. Jones (D-110), M. L. Ramey (D-711), L. E. Deacon (D-532), L. M. Edwards (D-951), D. D. LeGrand (D-476), T. C. Dobbs (D-911), J. M. Woods (D-803), E. E. Tatman (D-712), G. D. Coriell (D-823) and J. M. Galford (D-221).

Steering Committee members and their duties included Shirley Couser, Training; Lisa Dwyer, Office Manager; Romaine Newsome, Campaign Coordinator; and Mark Scott, Finance Systems.

Project coordinators who devoted considerable amounts of time arranging publicity, solicitor recognition activities, the "Kick-Off" Coffee, Miss All-In-One visit scheduling and the Allocation Luncheon included Theresa Wright, Eileen Slaughter, Sara Glenn, Greg Smith, Gwen Blanton, Connie Eckhart and Wilma Redden.

"The contributions collected during this campaign are commendable. The contributions exemplify the concern employees have shown for the well-being of United Way agencies and people in this part of the country," said Lemmon.

"The success of this campaign and others is attributed to the continuing interest of salary and hourly employees, union participation and a dedicated campaign staff and committee."

Donnelly becomes plant manager

(Continued from Page 1)

Donnelly was coordinator of the Liquid Metal Fast Breeder Reactor Advanced Absorber Materials Program from 1972 to 1976 and coordinator of ORNL's Conservation Materials Program from 1976 to 1978. He also served as coordinator of the Fuels and Processes section of the Metals and Ceramics Division and as chairman of ORNL's General Energy Conservation Policy Committee before transferring to the Oak Ridge Gaseous Diffusion Plant in January 1982 as director of the Process Support Division.

Donnelly has received several honors as a member of three research teams. These include the Jet Propulsion Laboratory's Voyager Space Mission Award in 1983, the *Industrial Research & Development* magazine "I*R 100" award in 1979, and the National Aeronautics and Space Administration's Public Service Group Achievement Award in 1974. Donnelly also is a "Kentucky Colonel."

Donnelly is a fellow of the American Society for Metals and past chairman

Progressions and Promotions

Samuel L. Preston, from Shift Fire Captain to Fire Protection Engineer (D-921).

Burch E. Upham, from Engineer, Staff, to Engineer, Sr. (D-623).

Bansi C. Mehta, from Engineer, Staff, to Engineer, Sr. (D-103).

Harold D. Ghearing, from Engineering Technologist, Staff, to Engineering Technologist, Sr. (D-621).

Terry O. Nickell, from Inventory Clerk II (D-479), to Technical Assistant II (D-513).

Gerald R. Towler, from Engineer, Staff, to Engineering Technologist, Sr. (D-612).

James E. Cramer, from Buyer I to Buyer, Sr. (D-321).

Daniel J. Ruggles, from Industrial Hygienist, Staff, to Industrial Hygienist, Sr. (D-102).

Arturo L. Cardenas, from Scientist, Sr., to Scientist, Specialist (D-532).

MARTIN MARIETTA
Energy Systems at Portsmouth

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of the Oak Ridge Chapter, American Welding Society. During his assignment at Paducah, he was a member of the boards of directors of the Rotary Club of Paducah, Paducah Chamber of Commerce and Lourdes Hospital, and served as vice president of the Market House Theater. He also has served on the Murray State University Engineering Technology Advisory Board, Paducah Community College Business and Industry Committee, and Purchase Area Development District's Industrial Development Task Force.

He and his wife, Peggy, have moved to Chillicothe. One daughter, Susan, is a graduate of Clemson University in mechanical engineering. The other, Karen, is a junior at Auburn University in international business.

McLaughlin

(Continued from Page 1)

His production management experience includes positions at ORGDP as head of the Maintenance Engineering Department and as head of the Barrier Manufacturing Division. He has been director of Minority Program Development since 1984.

McLaughlin received his bachelor of science degree in business and economics from Johnson C. Smith University, Charlotte, N.C. He has served as a member of the boards of directors of the Oak Ridge Chamber of Commerce, Camp Fire, Knoxville Area Urban League, Girls' Club of Oak Ridge, and the Scarboro Day Care Center. He also has served on the President's Advisory Board of Knoxville College and is a member of the President's Associates for State Technical Institute at Knoxville.

McLaughlin is a member of Omega Psi Phi fraternity, and in 1985 was named "Man of the Year" by both the fraternity's Oak Ridge Chapter and its Fifth District, which includes Kentucky and Tennessee. He is also a member of the Oak Ridge Breakfast Rotary Club and was one of three nominees for that organization's 1985-86 Man of the Year award. In 1985 he received an award of excellence for community service from Martin Marietta Energy Systems and a "Light from the Hill" award for his efforts in support of Knoxville College. Earlier this year he received a Jefferson Award for community service from the American Institute for Public Service and WBIR-TV in Knoxville.

He and his wife, Gwen, have two daughters, LaShandra and Nicki.

Martin Marietta: Diverse company began with

The history of Martin Marietta Corporation has taken many turns since 1909, when 23-year-old Glenn L. Martin built his first seaplane in 13 months, at a cost of \$3,000, in an abandoned California church.

GLENN L. MARTIN CO.

Martin demonstrated the military applications of the airplane in 1912 for the U.S. Army. By World War I, the Glenn L. Martin company was building seaplanes for the military.

Martin engaged in a brief partnership with Orville Wright — called Wright-Martin Aircraft — but by 1917 was on his own again in a newly established factory in Cleveland, building bombers for the Air Force.

His "firsts" in aviation history included torpedo planes, the first all-metal planes, and the first mail plane.

The Cleveland plant was no longer large enough to handle the workload by 1929, so Martin moved operations to a 1,300-acre tract outside Baltimore along the Chesapeake Bay, an ideal location for testing seaplanes.

While the Great Depression affected his domestic business, the threat of war in Europe brought plane orders from England, France and the U.S. During this time, Martin's company also built huge commercial planes.

More demands came following the outbreak of World War II. Martin designed and built several types of aircraft for the war effort. Martin retired in 1951.

GEORGE M. BUNKER

George M. Bunker, an executive with the Mellon Bank, took charge.

Although Martin's primary business was still in aircraft, the company had other small contracts that eventually would lead to Martin Marietta's position as a major government aerospace contractor. Bunker decided to steer the company from aircraft contracts to more types of special aerospace and defense work, and plants were built in Denver and Orlando to build missile systems.

In the early 1960, Bunker and the corporation realized that the company should not be entirely dependent on the federal government for business, and made it known that Martin was interested in diversifying.

AMERICAN-MARIETTA

One of the shareholders — 70-year-old Grover Hermann — suggested that Martin acquire the company he had started. At that time, American-Marietta was a \$650 million company. On Oct. 10, 1961, Martin Marietta was formed through a friendly consolidation.

From American-Marietta, the corporation obtained several of the com-

mercial industrial businesses that are part of its emphasis today.

"Marietta" refers to the Ohio city where Hermann got his start in business with a line of auto and bicycle lacquers.

ADDITIONAL DIVERSIFICATION

In 1969, Bunker acquired the Harvey Aluminum Company. It became a wholly owned subsidiary — Martin Marietta Aluminum — which has since been sold. The former Glenn L. Martin Co. became Martin Marietta Aerospace. The rest of the former American Marietta Co. was consolidated, and the core of that business became the Basic Products Division. The fourth division, Data Systems, is relatively new, formed in 1983.

MARTIN MARIETTA CORPORATION

Today, Martin Marietta Corporation is a diversified aerospace and information technology company. Its 68,000 employees design, manufacture, and manage systems and products in the fields of space, defense, electronics, communications, information management, energy and materials. Annual revenues exceed \$4 billion.

Headquarters of Martin Marietta Corporation is in Bethesda, Md. The corporation's chairman and chief executive officer is Thomas G. Pownall. President and Chief Operating Officer is Norman R. Augustine. Augustine is also chairman of Martin Marietta Energy Systems, Inc.

The corporation's customers include various agencies of the United States and other nations as well as a variety of major industrial concerns.

SPACE AND STRATEGIC SYSTEMS

Martin Marietta is a leading developer and producer of space and strategic systems, primarily for the National Aeronautics and Space Administration and the Department of Defense. Martin Marietta Denver Aerospace in Colorado develops, manufactures, integrates and field tests space systems — include the Titan family of launch vehicles, elements of the Space Shuttle, unmanned spacecraft and components, sophisticated instrumentation for planetary and space studies — and strategic missile systems. At Denver an autonomous land vehicle is under development as a national test-bed for artificial intelligence applications, and research is being conducted in key areas of the Strategic Defense Initiative. The Denver Aerospace Company, teamed with Martin Marietta Michoud Aerospace at New Orleans, also is working on designs for space station "common modules" and is conducting research on various other

aspects of a station. The Michoud Aerospace Company builds the external tank that provides the structural "backbone" and fuel supply for the Space Shuttle from launch to orbit.

ELECTRONIC, TACTICAL, AND AERO-MECHANICAL SYSTEMS

Martin Marietta's diverse skills and experience in electronics, very large scale of integration of microelectronic circuits, high-speed signal and image processing, millimeter-wave radar, electro-optics and advanced infrared sensing are key elements in a wide range of sophisticated tactical systems, precision guided projectiles, air defense systems and airborne navigation and targeting systems. Martin Marietta Orlando Aerospace in Florida develops and produces many systems,

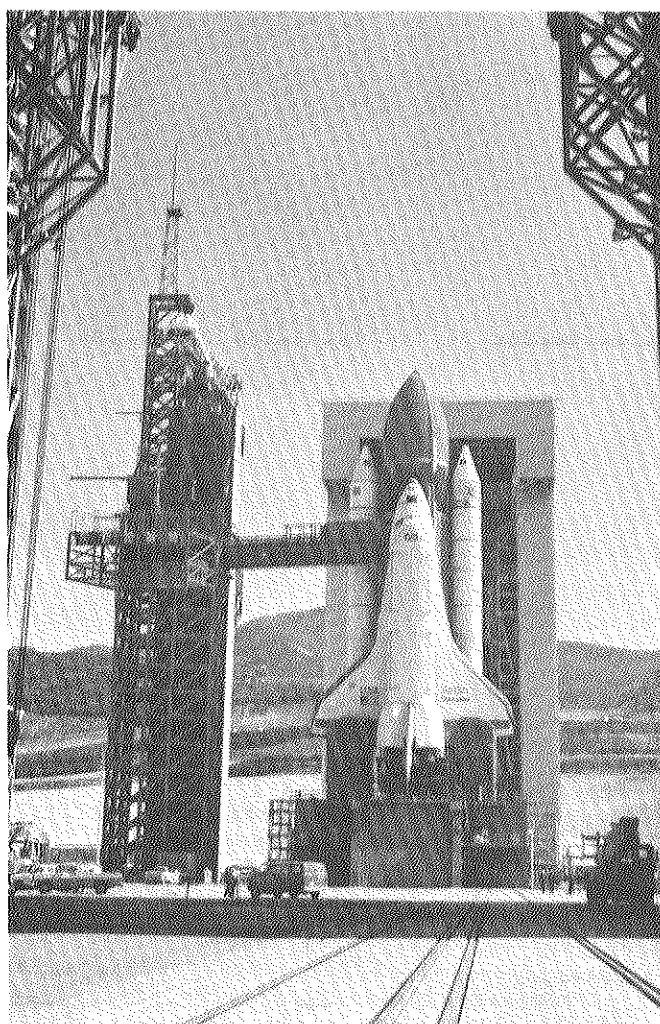
primarily under contract to various elements of the Department of Defense.

Martin Marietta Baltimore Aerospace in Maryland develops, produces and assembles aero-mechanical systems — including missile launching systems, jet engine fan reversers, airframe components and composite structures — and command and control systems for Navy battle force management and antisubmarine warfare.

INFORMATION SYSTEMS

The Corporation's broad role in the rapidly expanding field of information systems extends from military communications to space operations, from air traffic control to personnel ad-

(Continued on Page 5)



A Space Shuttle (left) undergoes fit-checks at Vandenberg Air Force Base where Martin Marietta is the integrating contractor for the new West Coast Shuttleport. At Osceola stone plant near Des Moines (below), Aggregates company landscapers have filled and contoured a worked-out limestone pit and planted grasses to feed high-grade beef cattle. The limestone plant continues operation in the background.



airplane construction in California church

(Continued from Page 4)

ministration, from management of large and complex computer facilities to development of advanced computer software for commercial and government customers around the world. Martin Marietta Information & Communications Systems designs, engineers and integrates advanced information processing and communications systems that combine the latest technologies in software, hardware and man/machine interfaces. Its current activities include command, control, communications and intelligence systems for the military services; engineering support and overall integration of the Federal Aviation Administration's National Aerospace System Plan for modernizing the nation's air traffic control; navigation and communication systems; computerized checkout and control systems for the Space Shuttle at Kennedy

Space Center, Florida, and Vandenberg Air Force Base, California; and other large management information systems.

Martin Marietta Data Systems, a leader in the data management industry, provides a variety of computing and related services to clients worldwide. The company integrates and manages large-scale information systems for government and industry and supplies computer applications software. The Data Systems company also operates major computer centers and a nationwide data communications network in the U.S. Its Hoskyns International Division is headquartered in London.

MATERIALS

Martin Marietta Aggregates is a leader in the production of construction materials — crushed stone, sand and gravel — from plants at approximately 170 locations in 12 southeastern and midwestern states. Martin Marietta Magnesite Specialties supplies magnesite refractories and specialty products used in steelmaking, chemical processing, fuel treatment, agriculture and many other applications.

ENERGY SYSTEMS

Martin Marietta Energy Systems, Inc., a wholly owned subsidiary, now employs more than 18,000 people in the operation of U.S. Department of Energy science, technology and production facilities at Oak Ridge, Tennessee; Paducah, Kentucky; and Portsmouth, Ohio - Oak Ridge National Laboratory, the Oak Ridge Y-12 Plant, the Oak Ridge Gaseous Diffusion Plant, the Paducah Gaseous Diffusion Plant, and the Portsmouth Gaseous Diffusion Plant. The Energy Systems Company now accounts for about 30 percent of the Corporation's employees.

MARTIN MARIETTA LABORATORIES

Martin Marietta Laboratories, the Corporation's central research and development complex, conducts basic and applied programs in information sciences, fluid dynamics, materials, semiconductor physics, chemistry, and other fields related to Martin Marietta operations. About a third of Laboratories' work effort is research under contract to other companies and for government agencies.

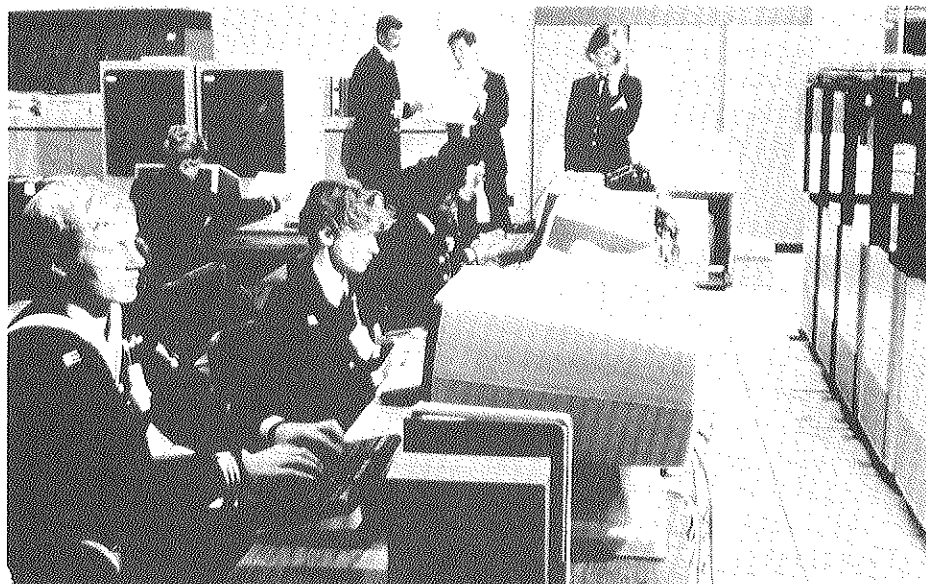
OTHER ACTIVITIES

Other corporate activities include International Light Metals, a metals fabrication joint venture with Nippon Kokan KK of Japan; Martin Marietta Ordnance Systems, a wholly owned subsidiary which manages the U.S. Ar-

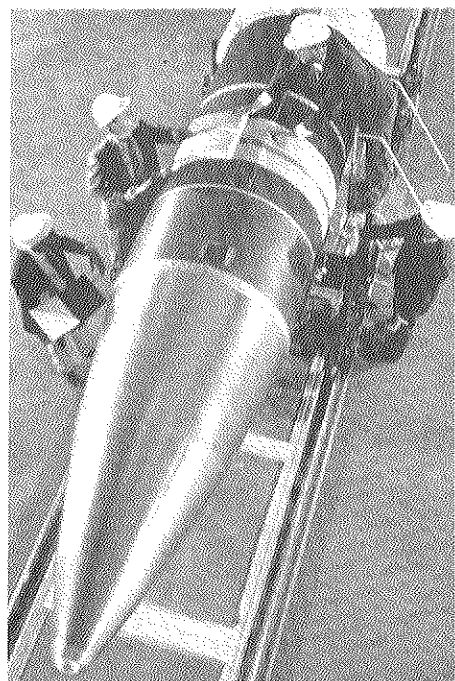
my's Milan, Tennessee, ammunition plant; Martin Marietta Environmental Systems, the Corporation's environmental consulting and research center; and three industrial and office park developments located in Maryland, Florida and Tennessee.

STOCK LISTING

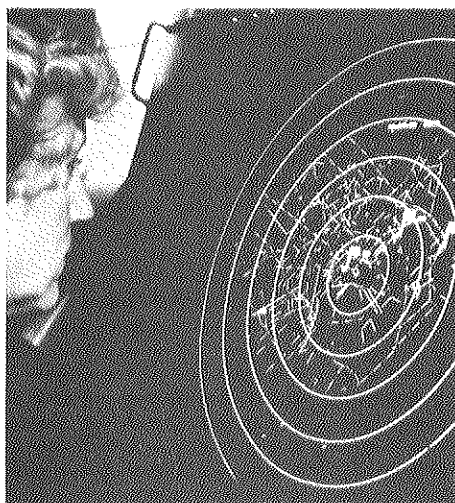
The Corporation's stock (the symbol is ML) is listed on the New York, Pacific, Philadelphia, Midwest and London stock exchanges and is generally identified in newspaper stock listings as MartM or MrtM.



Management at the Washington Navy Yard now has instant worldwide access to essential personnel data through a new computer network installed by Martin Marietta Data Systems. It will link 400 U.S. and overseas locations. Under another recent typical contract award, the Data Systems company assumed responsibility for the center which processes payroll, health and welfare benefits, and other information for the two million residents of Orange County, California.



Denver Aerospace engineers work on a full-scale model of the Air Force Small ICBM (above) for which Martin Marietta has broad contract responsibilities as developer of the new missile. The Information & Communication Systems company is the principal contractor for the Federal Aviation Administration's 10-year program to upgrade the nation's air traffic control, navigation and communications network (below).



Winter Bloodmobile visit scheduled for Jan. 8 - 9

The next visit of the American Red Cross Bloodmobile to the Portsmouth Gaseous Diffusion Plant has been scheduled for Thursday and Friday, January 8 and 9.

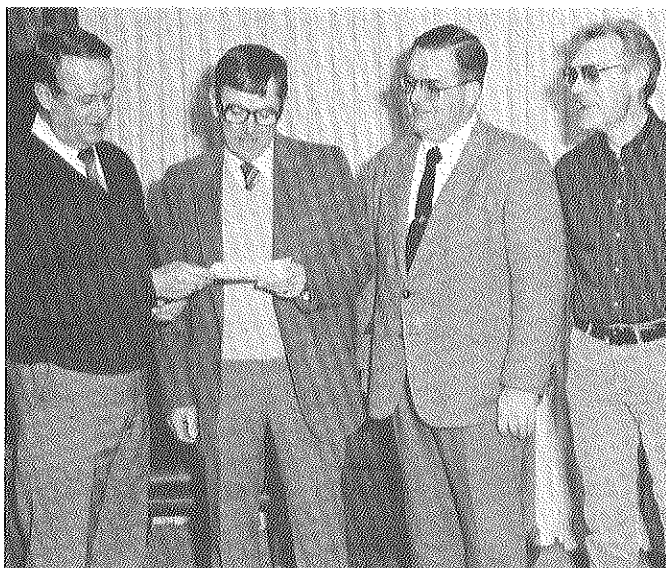
Each January is National Volunteer Blood Donor Month. Annual shortages usually exist at this time of year following the holiday season. Prospective donors are encouraged to donate.

In proclaiming National Volunteer Blood Donor Month, President Ronald

Reagan has stated, "We Americans have a long tradition of sharing what we have with those in need. Nowhere is that tradition more splendidly honored than in the gift of blood which is literally the gift of life."

Please register to donate when you receive your personalized registration form.

More than 17,800 units have been donated by Portsmouth plant employees since 1953.



Scout Council receives gift for new roof

The Goodyear Tire & Rubber Company, through Goodyear Atomic Corporation, gave \$8,000 Nov. 14 to the Scioto Area Council, Boy Scouts of America, for replacement roofing on a dining hall at Camp Oyo. Then-GAT president Dick Shepler presented the check to C. A. Secrest (D-720), camp director; council president James Kirsch; and J. E. Thompson (D-621), one of the council's local scoutmasters.

Record plant shipments recorded in fiscal 1986

The Portsmouth Gaseous Diffusion Plant shipped more enriched uranium during the fiscal year which ended Sept. 30 than in any previous year.

The record shipments in fiscal year 1986 consisted of uranium hexafluoride enriched to levels necessary to fuel nuclear reactors used by utility companies worldwide to generate electricity.

The increased shipping activity at the Pike County plant was largely due to the fact the the Oak Ridge Gaseous Diffusion Plant has been placed on standby.

The Oak Ridge plant continued to ship some product from existing stockpiles during fiscal year 1986, but these stockpiles were moved to the Portsmouth plant in recent months. The Oak Ridge facility remains on standby status.

The enriched uranium provided by the Portsmouth plant during the year contained more than nine million separative work units, or SWUs, which measure the amount of processing needed to increase the concentration of fissionable isotopes in the natural uranium fed into the gaseous diffusion system.

This amount of separative work in shipped product amounted to 84 percent of the two-plant total, with the Oak Ridge plant providing the product containing the remaining 16 percent.

As in past years, the third Department of Energy-owned uranium enrichment plant, located near Paducah, Kentucky, continued to perform initial enrichment of natural uranium. This partially enriched material is shipped to Portsmouth for further processing.

New Arrivals

Daughter, Amber Kay, July 24, to Richard (D-711) and Janice Mingus.

Son, Jonathan David, Aug. 22, to Paul, (D-313) and Suellen Simpson.

Daughter, Michelle Lynn, Aug. 31, to Rickey and Jennifer (D-221) Bodmer.

Son, Eric Andrew, Sept. 1, to Larry and Malissa (D-591) Scherer Felts.

Daughter, Kerra Lee, Sept. 22, to Louis and Tametha (D-823) Powell.

Son, Nicholas Donald, Oct. 2, to Fred and Lisa (D-332) Mossbarger.

Son, Abraham Zachariah, Oct. 6, to Robert (D-720) and Debarah Peed.

Son, John William, Oct. 12, to Norman (D-803) and Lois Kruckenberg.

The Portsmouth plant now ships all enriched uranium product for the Energy Department's electric utility customers, and produces and ships all highly enriched uranium used as fuel by the Navy's nuclear-powered submarines and aircraft carriers.

"It was a very busy summer," said Vince DeVito, director of Site Operations for Martin Marietta Energy Systems, Inc., the new operator of the Portsmouth Gaseous Diffusion Plant.

"We shipped two-thirds of our product in the last four months of the fiscal year, and I'm proud of the job our people did. They filled every order on schedule."

Based on current projections, the shipping record set in fiscal year 1986 will be broken when fiscal year 1987 ends next Sept. 30. Said DeVito, "We hope to keep setting records and then breaking them. We like being busy."

Obituaries

Tammy Lynn Armstrong Cool, 28, Fairborn, Oct. 21. The daughter of James R. Armstrong (D-511), she is also survived by her husband, David.

Cecil W. Harris, 70, Otway, Oct. 24. A Maintenance Mechanic 1/C (D-724), he retired in June 1979. He is survived by his wife, Regina (D-501).

John F. Hall Sr., 73, Portsmouth, Oct. 29. Hall was a Clerk Sr. (D-734) at the time of his retirement in July 1978. Survivors include his son, John F. Hall Jr. (D-451).

Samuel W. Dirmeyer, 77, Waverly, Oct. 10. A shift superintendent (D-103) until his retirement in Feb. 1974, he is survived by his wife, Virginia.

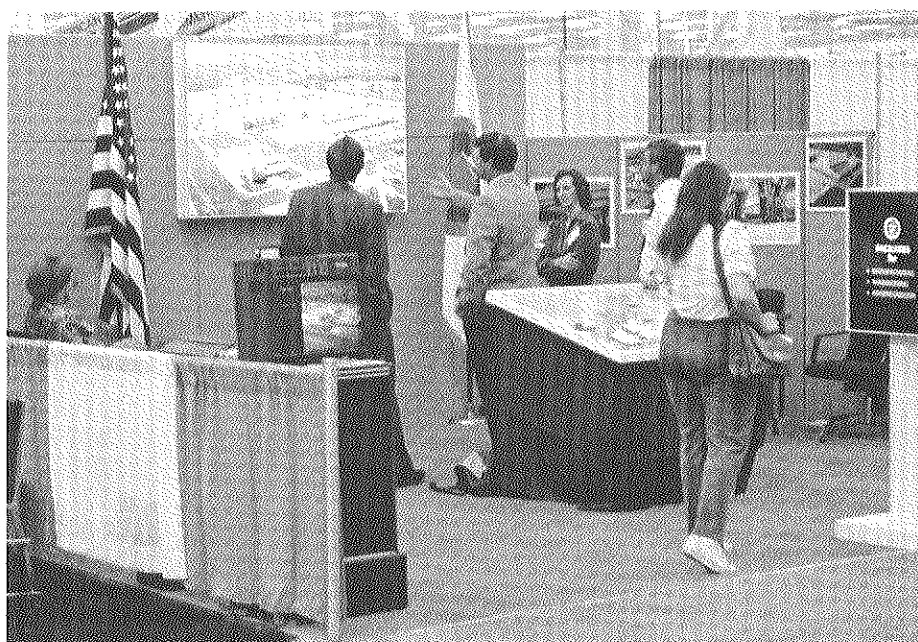
Walter Osborne, 69, Lucasville, Nov. 5. A foreman-maintenance (D-732) until his retirement in 1983, Osborne is survived by his wife, Loretta.

Russell G. Crawford, Morgantown, W. Va., Nov. 18. He was the father of Jack Crawford, manager, Technical Division.

James E. Grant, 66, Coalton, Nov. 30. A shift police captain (D-122) until his retirement in June 1984, he is survived by his wife, Mary.

Colonel Marion Watson, 89, Chapin, S. C., Dec. 1. Father of James Watson (D-632).

Donna L. Rapp, 48, Waverly, Dec. 5. She was a Foreman, Materials (D-332) and is survived by her husband, Tim (D-723).



Activities continue to find GCEP user

At the International Trade Fair in Cleveland Oct. 22-29, representatives of the Department of Energy, Martin Marietta Energy Systems and the Pike County Chamber of Commerce called attention to the availability of the Gas Centrifuge Enrichment Plant for use by private industry through a booth (top photo) featuring literature, photographs and audiovisual presentations. Representatives of private companies and government agencies were offered an opportunity to acquaint themselves with the plant and tour its facilities (above) on Thursday, Nov. 13, during the second GCEP symposium.

Donnelly speaks to retirees

As in past years, no Portsmouth luncheon meeting of Portsmouth Gaseous Diffusion Plant retirees was scheduled for December due to the holidays.

Almost 60 retirees attended the November 20 luncheon and met Wayne McLaughlin, new Personnel Director at Portsmouth.

New Portsmouth Plant Manager Ralph Donnelly will attend January 15

to discuss Martin Marietta's role at the plant. Along with other plant representatives, Donnelly also will take questions about retiree benefits.

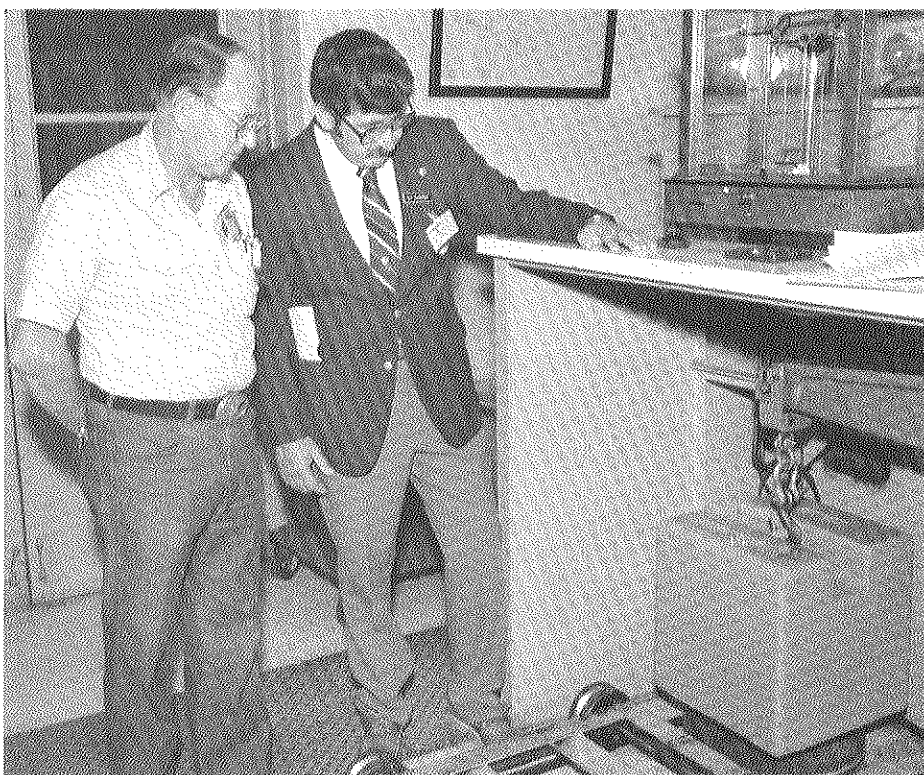
Portsmouth Gaseous Diffusion Plant retirees meet on the third Thursday of each month at 11:45 a.m. for lunch at the Nellie Peck Restaurant in Portsmouth.

Employees to complete new W-4 forms

As a result of the new tax laws, all employees — fulltime and parttime — will be asked to fill out new W-4 forms in 1987.

As soon as guidelines are received on this subject from the Internal Revenue

Service and the revised forms are available (probably around the first of the year), employees will be told when and where they may complete the new forms. The legal deadline for completion of the new W-4's is October 1987.



Scale shop supervisors share standard steps

R. C. Smith (left), Instrument Maintenance supervisor at the Paducah Gaseous Diffusion plant, and Ken Tschappat, Scale Shop supervisor at Portsmouth, watch the "zeroing" of transfer standard weights on a 1,000 pound even beam balance in the Paducah plant instrument shop. Tschappat was one of the 17 first line supervisors in the Top Ten Club who visited Paducah Oct. 29.



1986 softball champions

Members of Hart's Softball team won the 1986 company championship Sept. 14 at Jake's Park near Waverly. Team members are (back row) Larry Liggins, Ed Smalley, Marty Kelley, Don Sanford, Gary Coyn, Bill Netter, (center) Ken Captain, Butch Fouch, Larry Hart, Mike Bower, Tink Detillion, (front) Larry Hart Jr. and Larry Liggins Jr.

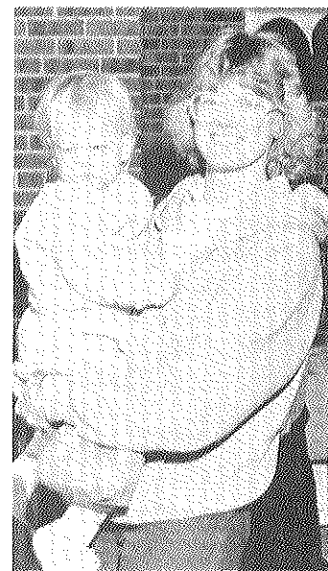
Bowlers benefit Junior Achievement

The second annual Pike County Junior Achievement Bowl-A-Thon conducted Nov. 8 successfully met its goal of raising \$4,000 to benefit JA programs in county schools. Bill Greer (back left) was captain of team of Martin Marietta Energy Systems employees which raised \$2,010. The team included Eileen Slaughter, Tim Jayne, Tom Long and Sharon Wessel.



1986 Christmas Party

More than 1,400 employees and family members attended the annual Christmas Party on Sunday, Dec. 7, in the Waverly High School gymnasium. Members of the Employee Activities Committee distributed more than 450 toys and treat packages during the party, following their several weeks of effort to plan and coordinate the activity. Committee members and "helpers" are shown.





Sports champions recognized Nov. 17

The Employee Activities Committee's annual Recognition Banquet was conducted at the Lake White Club Monday, Nov. 17, to honor sports champions, sports coordinators and club officers. A total of 108 employees, guests, committee members and management personnel were in attendance. Trophies were awarded by Bob Bush (center), director, Business Services; and Greg Barch (left), 1986 EAC president. The recipients pictured are Gary Pinkerman (left photo, at right), Utilities Operator; and Edith Dewey (right), supervisor, Office Services.

Goodyear Atomic commended for years of civic service

Goodyear Atomic Corporation and its employees were recognized by the Southeastern Ohio Regional Council Nov. 6 during its 18th annual banquet honoring local chamber of commerce nominees for "Person of the Year" or "Company of the Year."

The company was one of 12 individuals and firms honored by the Council from its 11 counties, and recognized based on its employment impact and community development

activities over the 34 years of its operation of the Portsmouth Gaseous Diffusion Plant.

Goodyear Atomic was nominated by the Pike County Chamber of Commerce for its activities not only in Pike County, but also in other counties near plant.

J. L. Yocum, A. D. Officer and C. W. Sheward accepted the award on behalf of Portsmouth plant employees.

SERVICE MILESTONES

DECEMBER

Carl Bishop, James P. Samples and Lorena M. Thompson reach the 30-year corporate service milestone in December.

Patricia J. Cramer reaches the 25-year service milestone.

John O. Warner celebrates the 20-year service milestone.

Ronald E. Willis and Wilma M. Yeran reach the 15-year mark.

Three employees will have 10 years of service. They are Ralph D. Preble, Dorothy M. Clifford and Daniel J. Ruggles.

JANUARY

John J. Ward reaches the 30-year service milestone during January.

Cleveland Jones Jr. will have 20 years of service.

Two employees, Ralph D. Strickland and Charles R. Blevins, celebrate 15-year service milestones.

Gregory D. Thompson, Jack R. Hughes, Margaret E. Mossbarger, Gwendolyn F. Blanton, Paul D. Austin, Miriam J. Clausing, John W. Hortel, Charles R. Barber, Bonnie L. Williamson and Wayne J. Spetnagel will have 10 years.

Charles E. Fannin and Larry D. Gwinn will each have five years of service.

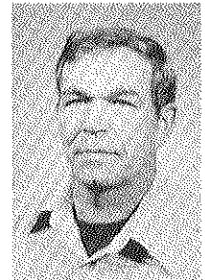
Electronic newsletter started

Portsmouth Gaseous Diffusion Plant's Public Communications group introduced a new pilot daily electronic newsletter for site computer users beginning Dec. 3.

Employees with ideas or information to share are asked to send them to Public Communication (M/S 1220), telephone 2863, or transmit material via electronic mail.

The newsletter can be accessed on unclassified computer terminals by typing the command .HELP SCOOP following the period which indicates that the terminal is in MONITOR mode. Users do not have to LOGIN to read the newsletter, but the terminal must be set to the SMOKEY unclassified system. If required, this is done with the commands SET HOST SMOKEY or SET HOST 60.

The name "SCOOP" — a journalistic term — was chosen based on the need for an identifier with no more than six characters through which to access the newsletter by using the HELP command. A "scoop" is "an advantage gained over a competitor by being first, specifically as in the publication of a news item."



Walters

General Promotions

David W. Walters Jr. has been promoted from Fireman EMT-A (D-921), to Shift Fire Captain (D-920). He reports to James R. Boyce, supervisor, Fire Protection Operations.

Cost Reduction Honor Roll

J. L. Arn	D-210
R. D. Arnett	D-321
C. W. Birch.....	D-711
G. F. Blanton.....	D-021
L. D. Burt	D-447
A. L. Cardenas	D-532
S. A. Coffman	D-475
L. E. Compton	D-712
R. W. Craycraft	D-611
E. A. Engle	D-478
J. B. Fenton	D-475
A. J. George	D-822
C. B. Greathouse	D-632
J. B. Hicks	D-311
J. L. Hieneman	D-321
R. A. Isaac	D-712
S. C. Jones	D-020
J. D. Kyle	D-713
C. W. McCrary	D-724
C. A. McPherson	D-721
J. B. Merrill	D-712
R. A. Orlett	D-611
L. E. Pontious	D-822
D. W. Rogers	D-818
P. I. Saxton	D-475
R. L. Tudor	D-475

Retirees

Robert L. Drake, Ravenswood, West Virginia, Administrative Analyst (D-951), effective Dec. 1 after nearly 13 years of service.

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