

Energy Systems at Portsmouth

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

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Number 4



Environmental report discussed

Representatives of Martin Marietta Energy Systems and DOE met with members of area news media agencies May 12 to provide them with an overview briefing of the contents of the 1986 Portsmouth Gaseous Diffusion Plant Environmental Surveillance Report. Bob Anderson, Supervisor, Environmental Control, reviewed highlights of the annual report and answered media questions. Gene Gillespie (left), area manager, DOE-POE, and Keith Stalnaker (at the podium), manager, Environment, Safety and Health, provided additional comment. The annual report series began in 1972 and presents summaries and conclusions based on environmental monitoring data.

Pownall briefs managers; corporate outlook positive

The outlook for Martin Marietta is "uniformly positive for 1987 and beyond," Corporation Chairman and Chief Executive Officer Thomas Pownall told a group of Energy Systems managers and supervisors late last month, adding that the corporation is "properly poised and ready to cope with tougher issues," mainly because of the quality of its employees.

Pownall was in Oak Ridge April 28 for his Regional Management Meeting, one of a series of presentations he makes each year to provide employees from each Martin Marietta operating site with the information that is presented at the corporation's annual shareholder's meeting. He spoke to a group of about 300 Energy Systems employees in the Oak Ridge Associated Universities' Pollard Auditorium.

At the beginning of the two-hour briefing, Pownall extended a special welcome to employees from the Portsmouth Plant, noting that Martin Marietta is proud to have them as part of the organization.

Before briefing employees on Martin Marietta operations, Pownall spent several minutes discussing the U.S. trade deficit and its impact on industry. "It's important for us as American citizens and members of the Martin Marietta team, to understand that

we're in a 'one world' economic situation," he said. "We probably will have a negative trade balance for some time. Why, we're even importing aggregates — rocks — from Canada! We must learn to deal with the problem."

Pownall suggested that part of the solution lies in the more efficient transfer of technology. "Americans seem to have problems taking things from the laboratory to implementation. We need to improve in this area."

He also expressed the hope that the United States can move quickly to develop the AVLIS program or another advanced method of uranium enrichment. "If we don't we could find ourselves behind other countries in this vital area as well," he added.

While discussing corporate operations, Pownall emphasized Martin Marietta's involvement in several new or developing programs, including Information and Communications Systems, Aggregates, the Space Shuttle External Tank production program (for which the corporation has received 100 percent of the award fee) and the Target Identification Launch Vehicle program. "We feel our involvement in these and other programs puts us in an excellent strategic position. These areas are where we want to be."

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PIP Program under way with four project teams

"Energy Systems' way of helping everyone do a better job."

Martin Marietta Energy Systems is dedicated to excellence. The values we have chosen and all our plans, objectives and goals reflect this dedication. This means that every element of our organization has accepted the challenge of constantly striving to provide unequalled services and products at minimum cost.

But, as we all know, accepting a challenge is not sufficient for attaining higher levels of achievement if the machinery is not there to make the journey possible. This is why the Energy Systems' "Performance Improvement Process," or PIP, was created. It provides a mechanism for participative involvement in the continuing, systematic identification of improvement opportunities and the realization of their benefits.

The PIP Program is Energy Systems' method of helping achieve, throughout the organization, the innovative thinking and action that is the foundation for the product and service excellence to which we are dedicated.

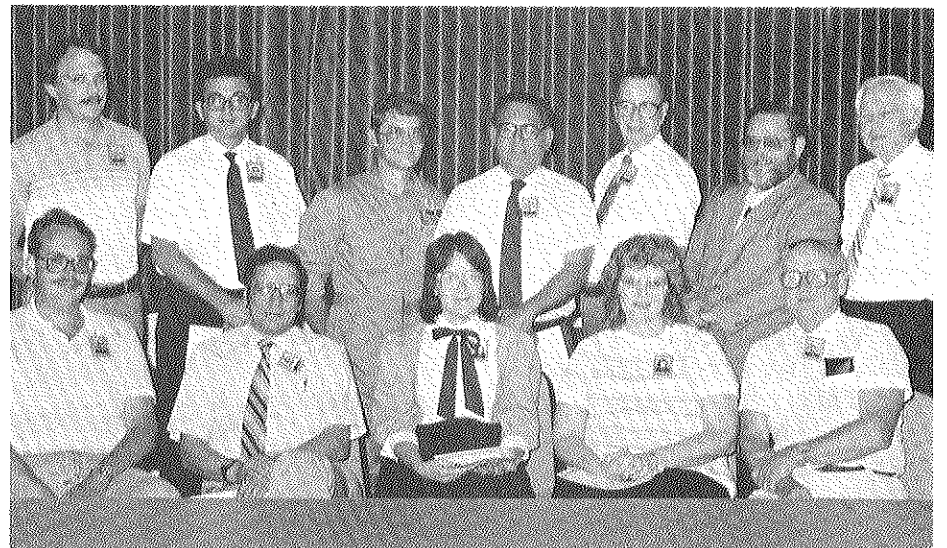
A. D. Officer, Management Systems Effectiveness, has responsibility for

managing the PIP Program at the Portsmouth plant.

"The PIP program is a blending of the organizational effectiveness program with work simplification projects, roundtables, and problem-solving groups," he noted. "The Portsmouth plant has been involved in participative management and employee involvement activities since the late 1970s. With Martin Marietta Energy Systems assuming responsibility for the plant's operation, the PIP philosophy will provide a mechanism for employees to become even more involved. The program offers a good chance for Portsmouth personnel to use a synergistic approach to organizational management."

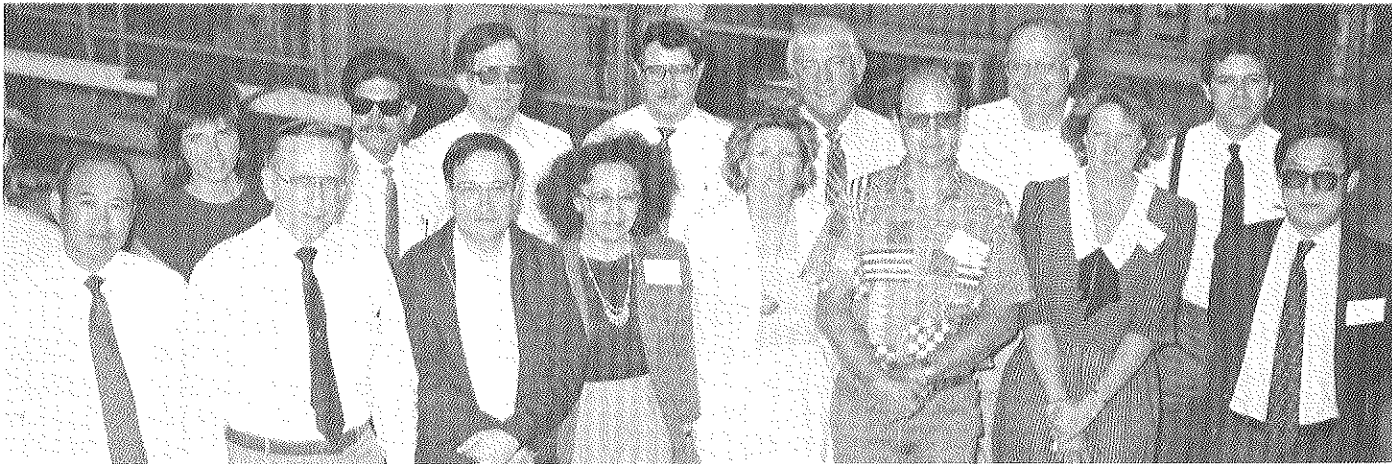
The Performance Improvement Process was introduced at Portsmouth when John Dew, Coordinator, Human Resources development, for Martin Marietta Energy Systems and based at the Y-12 Plant, came April 7-8 to conduct orientation and workshop sessions for Factory Council members and secretaries, PIP coordinators, Union officials and more than 200 others.

(Continued on Page 2)



Science Demonstration Program team

Members of the 1986-87 school year Science Demonstration Program team were honored recently for their work in providing the service to area schools. Those present were (front row) Anthony Sturgeon, Tony Saraceno, Bonnie Rumble, Sandra Fout, Jim Armstrong, (back row) John Hobensack, Alex Alatsis, Keith Banks, Art Cardenas, Roger Jackson, John Taphorn and Paul Davis. Others participating during the school year were Phil Anderson, John Dileman, Joe Moore, Norman Reiter, Randy Waugh and Keith Wines.



The first two enrichment services courses for DOE customer representatives were conducted this spring. In the first class (front row) were Glenn Griffiths, DOE; Thomas W. Dunham, Pennsylvania Power and Light; Toru Maruyama, Mitsubishi International Corporation; Diane Duck, Martin Marietta, Oak Ridge; Barbara C. Watson, DOE; Vicki Lynn Crampton, DOE; Dorothy W. Kemmers, DOE; and Eileen M. Supko, Carolina Power and Light. In the back row are D. L. (Skip) Hanline, Martin Marietta, Oak Ridge; Robert W. Ogle Jr., Duke Power; Ronald S. Rather, Wolf Creek Nuclear Operating Co.; David A. Yannarell, Pennsylvania Power and Light; Robert J. Schukai, Union Electric Co.; Roger R. Miller, Martin Marietta, Portsmouth; David L. Knittel, Martin Marietta, Portsmouth; Donald B. Macleod, Rochester Gas and Electric Corp.; Edward Robert Brezinski, Northeast Utilities; and John Angelo

Dal Pan, Public Service Electric and Gas. In the second class (front row) were Nobuhiro Nakamura, Marubeni American Corporation; Karl Schucker, Martin Marietta, Portsmouth; Robert J. Conti, Philadelphia Electric; Matilda L. Espinoza, Attorney, DOE; Terrell A. Sorrell, Marketing Support, Martin Marietta, Oak Ridge; John E. Barrett, Pacific Gas and Electric; Louise C. Adaline, Marketing Support, Martin Marietta, Oak Ridge; Masatoshi Asao, Mitsui and Company; (back row) Patricia A. Healy, Florida Power and Light; Carl G. O'Farrill, Florida Power and Light; John L. Morrow Jr., Philadelphia Electric Company; George E. Thibodeaux, MSU System Services, Inc.; Dave Knittel, Martin Marietta, Portsmouth; Joseph E. Russell, Account Executive, DOE; and Roger Miller, Martin Marietta, Portsmouth.

Course included DOE customers starting in April

The Portsmouth Gaseous Diffusion Plant's "ABCs of Enrichment Services" course "hit the road" in April, as it was offered for the first time to U.S. Department of Energy customers.

Personnel of various electric utilities attended two recent sessions at the plant, one in April and another in May. Other sessions for customer representatives have been scheduled.

Four classes have been conducted for U.S. Department of Energy Business Services personnel and others. The first was offered in October 1985. Three others followed in April 1986, August 1986 and October 1986.

The purpose of the classes has been to help DOE marketing personnel, utility customers and other DOE and Martin Marietta business services people to become more familiar with how enrichment activities are managed and accomplished at DOE production plants.

Class discussion topics include the gaseous diffusion process and enriching cascade; processing, transporting, sampling and analysis of uranium hexafluoride; coordination and scheduling of customer orders and product transfer and shipping.

Portsmouth plant instructors have included Rich Boelens, Vince DeVito, Dave Knittel, Jack Lang, Roger Miller and Karl Schucker.

Performance Improvement Process (PIP)

(Continued from Page 1)

Any employee can suggest a PIP project through a discussion with their supervision. A proposed PIP request will then be submitted to the appropriate Factory Council member for review and recommendation. If the project merits, a team will be formed with a chairman and several members having knowledge or interest in the project. Officer insures that PIP training is conducted and that project teams receive the necessary support. All plant employees are eligible to participate on a project team.

At the heart of the Energy Systems' PIP is a comprehensive training program, which is tailored to meet individual needs. Elements of the training program included PIP basics, analytical tools and statistical process control, and advanced statistics.

Upon completion of a PIP project, a brief final report is prepared. If appropriate, the project will be implemented, or deferred for further study and/or future implementation. Even if the idea is not considered ap-

propriate for implementation, a plaque will be presented to the project team members.

The PIP program offers several "Excellence in Achievement" plaques and certificates.

Each division has a PIP coordinator. They are George Copen, Connie Eckhart, Paul Forsyth, Wray Jordan, Dave Knittel, Jim Normand, Erk Picciano, Wilma Redden, Dave Sherwood, Henry Smith and Carl Vanmeter.

There are now four project teams at work. Their efforts are being directed toward the elimination of the misuse of containers for contaminated or uncontaminated solid waste, changes in travel policy, SARA (Superfund Amendments and Reauthorization Act) Title III implementation, and engineering project cost estimating.

Periodic articles on PIP activity at Portsmouth Gaseous Diffusion Plant will be included in the monthly newspaper.

Performance Improvement Process plaques now being displayed at various locations throughout the Portsmouth

plant bear the program philosophy and the signature of Ken Jarmolow, president of Martin Marietta Energy Systems, Inc.

"The Martin Marietta Energy Systems Performance Improvement Process is Everyone working together to continuously Improve the Quality and Productivity of Everything we do, thereby Achieving Recognition by our customers, our peer organizations, and Ourselves for the Excellence of our products, services, and overall innovative performance. As a result, everyone is proud to be a part of the organization."

SERVICE MILESTONES

Lawrence A. Zonner is the only employee who reached the 30-year service milestone in July.

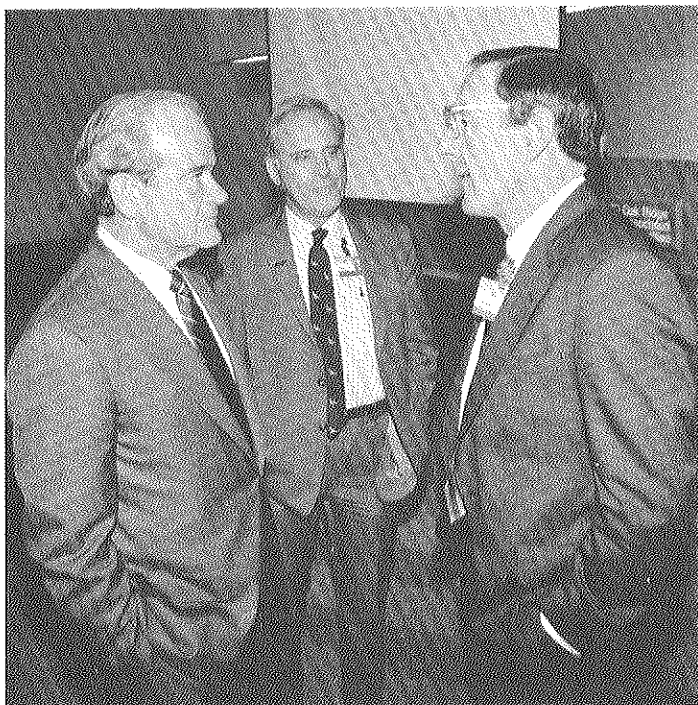
Roy H. Noel, Jr., began work 20 years ago, in July 1967.

Morris F. Burkitt and Ottie W. Reno II celebrate 15-year service milestones.

Employees reaching the 10-year service milestone in July are Thomas C. Houk, Bruce E. Wilkinson, Larry E. David, Carolyn K. Cannon and Debrah M. Morris.

Stuart E. Payne began work five years ago, in July 1982.

Martin Marietta Chairman and Chief Executive Officer Thomas Pownall (left) talks with Paducah Plant Manager Jeff Bostock (right) following the Regional Management Meeting, while Energy Systems President Ken Jar-molow looks on.



Pownall briefs managers; corporate outlook positive

(Continued from Page 1)

Other major efforts center on the Forward Air Defense System program and the Federal Telecommunications System (FTS) contract, to be awarded near the end of the year. "We've been working on the FTS contract for nearly two years now, and it's a Herculean undertaking," Pownall said. "Several hundred employees are working day and night, seven days a week on the project. It's the most monumental proposal we've ever undertaken."

Although the corporation has been actively seeking these and other government contracts, Pownall explained that recent developments are making it more difficult to do business with the government. "Budgets, of course, are tighter, and there is increasing emphasis on premiums and risks. The bid system is very competitive, and there are now more stages of competition. However, if we perform as effectively as possible, we can still do well, even under these new conditions. And if we do, it will benefit us as well as our country."

Pownall also discussed the current business climate and its effect on Martin Marietta. "We have sometimes considered acquiring other companies and have talked with some up front, but have not thought it attractive to attempt hostile takeovers," he said, in reference to the current round of mergers and take-overs in American industry. "And we now can look back at the Bendix affair and see it as a sort of blessing, because it forced us to dispose of some high-capital assets that were not particularly profitable."

"The corporation's balance sheet is

in fantastic shape. We were just upgraded by Standard & Poor's from single-A to single-A-plus on senior long-term debt rating. They obviously like what they see. We haven't gone out and spent outrageous amounts on acquisitions and we're in charge of our own destiny."

"High ratings like this generally are given to corporations that are in it for the long haul. I believe that's what they like about us," he said. "The outlook is very bright for the future of Martin Marietta. I see no reason why we shouldn't be better off in five years working for this company."

Pownall also discussed ethics, referring specifically to the recent investigation of the corporation's activities related to its travel services operations. "Although only a very few people were involved in this incident, the corporation is responsible for the actions of its employees. We have to discover our own misdeeds, even though most are accidents. We have to be exactly what we tell people we are."

Stressing the importance of the corporation's employees, Pownall told the group that "what you do here at Energy Systems is no less important than what we do elsewhere in Martin Marietta; all our work is essential to the nation. I'm extremely proud of this company. What you and others are doing is right on point."

Following his presentation, Pownall responded to audience questions involving fixed-price contracts, the strategy of corporate-team bidding, the use of imported equipment in aerospace work, Congressional support for the defense budget, and the future of computer-integrated manufacturing.

Advisory group updates media; information flow commended

"Both Goodyear and Martin have been very open with information and have been highly supportive with resources and people time. The staff appears to be genuinely interested in proper environmental control."

These are two observations the Portsmouth Gaseous Diffusion Plant's independent Environmental Advisory Committee offered during a news media and general public briefing and progress reports of its activities at Ohio University, Chillicothe, June 5.

"As in all such enterprises, there could be more staff, especially as regulations become more demanding and come from several directions," the committee stated. "Environmental problems are not restricted to radionuclides; the more familiar chemical problems of air, water and solids are also present, some due to operations now and some inherited from the plant construction or long-completed plant modifications."

Other statements were provided to those in attendance. "The nature of the plant is quite different from other nuclear facilities in that the range of radionuclides is limited, there are no nuclear reactors, and waste products are not processed. The process, while incorporating a very large physical space, is essentially a single process repeated many times that the problems are less varied around the plant than a visual image would suggest."

This was the first of what the committee expects to be a periodic series of discussions concerning the plant, its operations, and its effects on the environment. The meeting served to introduce the committee to the public and provide an informational statement of its history and function.

The Portsmouth committee was established in December 1985. Similar committees, with similar charters, exist at Oak Ridge and Paducah. The

Progressions and Promotions

Kathy S. Foster, from Environmental Surveyor I to Technical Assistant III (D/511).

Keith D. Banks, from Technical Assistant III to Technician Specialist II (D/532).

Phillip K. Howard, from Technical Assistant III to Environmental Surveyor III (D/103).

Richard L. Grant, from Technical Assistant III to Administrative Specialist (D/103).

Kathleen A. Nelson, from Cost Accountant II to Administrative Analyst (D/951).

Portsmouth committee has met six times, and has provided a news release following each meeting.

Its function is to provide an external overview of environmental operations at the Portsmouth plant, inform the public as to the effects of the plant on the environment in general and on surrounding communities in particular, and provide the plant with public views of the plant and effects.

The committee's introductory statement noted that "because of the nature of the plant, a public meeting has not been held up to now to permit the members of the committee to develop some familiarity with operations. While the committee still has much to learn and digest, a public meeting at this point will help clarify for us what the general public desires."

Obituaries

Clarence C. Vickers, 84, Bay St. Louis, Mississippi, April 10. He was an Electrician I/C (D/711) until his retirement in May 1967. He is survived by his wife, Ruth.

Joycelyn C. Oyler, 64, Chillicothe, May 2. She was the wife of Lester T. Oyler, retired manager of the Atomic Employees Credit Union and from GAT in 1972. Also survived by her daughter, J. C. Hoffman (D/712).

Russell Billings of Tontogany, Ohio, May 6. He was the father of B. D. Billings (D/612).

Angela Brown, 94, Portsmouth, May 2. She was the mother of J. E. Brown (D/621).

Marie Wohlfort, Toledo, May 17. She was the mother of Sam Wohlfort (D/505).

Raymond Towler, Manchester, May 20. He was the father of Jerry Towler (D/612).

Retirees

Harold N. Bell, Portsmouth, Maintenance Mechanic I/C, effective June 1, after more than 33 years of service.

Mary F. Wilson, Minford, Janitor, effective June 1, after more than 10 years of service.

Margaret E. Mossbarger, Portsmouth, Secretary II, effective May 1 after more than 10 years of service.

Alto L. Byrd, Portsmouth, Foreman, Janitors, retired effective May 1 after nearly 22 years of service.

Portsmouth participation climbs during Savings Bond campaign

Final results of the 1987 Energy Systems Savings Bond campaign have been reported, marking another year of increased participation in the company's annual drive. Overall participation was 76.7 percent for the Oak Ridge and Paducah sites, up 7.4 percent for the 1987 campaign.

The rate of participation for Paducah employees was 90.8 percent, the highest of all the Energy Systems sites. At the conclusion of the drive, 1,100 of 1,208 Paducah Plant employees were buying bonds. In recognition of their outstanding success for the third year in a row, Paducah employees were awarded the "traveling" Liberty Bell trophy on a permanent basis.

Employees at the Portsmouth Plant (which is operated under a separate Energy Systems contract) participated in the company's effort this year for the first time. During the three-week campaign, the number of Portsmouth employees buying bonds through the payroll deduction program increased from 8 to 55 percent. ORGDP employees had 84.4 percent participation, Y-12 had 74.8 percent ORNL had 72.2 percent.

Several divisions and groups were awarded certificates of appreciation for outstanding success during the campaign. The Enrichment Technology Applications Center at ORGDP was cited as a group with more than 100 employees that reached 100 percent participation. Oak Ridge Engineering and Procurement and the Paducah Operations and Technical Services groups also excelled in making their goals. They finished with 95.8 percent, 94.8 percent and 94.4 percent, respectively. The Personnel group at Portsmouth achieved 91.1 percent.

Ray Wymer, chairman of the 1987 drive, said he was particularly pleased with the participation of several of the bargaining units. The Service Employees International Union at ORNL achieved 86.6 percent participation, and the International Guards Union of America at ORNL reached 80 percent. The Paducah Oil, Chemical and Atomic Workers and the United Plant Guard Workers of America both exceeded 80 percent.

Fifty-seven \$50 Savings Bonds were given away in two drawings. At the end of the campaign, a drawing was conducted for six pairs of round-trip Delta Airlines tickets to any continental U.S. destination (including Bermuda, Canada, the Bahamas and Puerto Rico) that Delta serves.

Paducah Plant employees were honored for their outstanding participation in the campaign.

Ken Sommerfeld, Energy Systems vice president for Enrichment, told the Savings Bond committee and canvassers, "You did a super job. I really wasn't surprised that Paducah came through. The corporation is very proud."

Paducah Plant Manager Jeff Bostock joined Sommerfeld in making presentations. "Getting more than 90 percent of a group of people to agree on a single objective is phenomenal," Bostock told employees.

John Asbell, chairman of the plant's 1987 bond campaign, told the ceremony audience, "We're here to pay tribute to the people who made this campaign work — the canvassers who got out and talked with their fellow employees about buying bonds."

The Paducah Plant's success in recent Savings Bonds campaigns has earned recognition for Energy Systems in Kentucky. The plant has been cited for two years as having the best participation in bond campaigns of any Kentucky industry.

Gregory S. Withers of the U.S. Treasury Department, Kentucky director for U.S. Savings Bonds, has called the successes of the Paducah Plant and other Energy Systems sites "Legendary." Withers said "probably 1,000 industrial sites in Kentucky conduct Savings Bond campaigns among employees," making the Paducah Plant's standing especially significant.

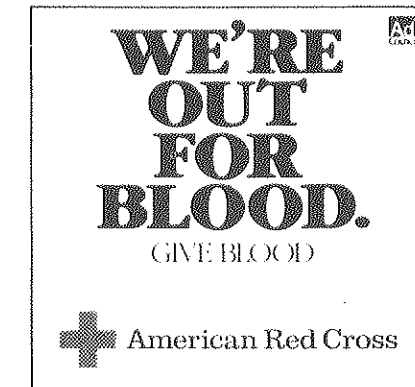
Portsmouth Plant Manager Ralph Donnelly talks with Jackson County Children's Foundation representatives Stan Lewis (center) and Steve Michael (right) following the presentation of a check for \$6,000 from Martin Marietta Corporation.



Children's home receives \$6,000

The Jackson County Children's Foundation has received a gift of \$6,000 from Martin Marietta Corporation to help purchase a home being used to shelter abused children.

The Children's Foundation purchased the home near downtown Jackson in 1986 for \$60,000. The gift represents 10 percent of the purchase price.



Bloodmobile!

The summer visit of the American Red Cross Bloodmobile to the Portsmouth Gaseous Diffusion Plant was scheduled for July 9 and 10.

The theme for the summer campaign was "There's a first time for everything — experience another one of life's great firsts, become a volunteer blood donor."

Focusing on this theme, the Portsmouth GDP will also be a "first" with the summer visit of the bloodmobile. For the first time, Rax coupons for a free sandwich and drink were given to anyone who donated or was deferred from donating. Also, the Top Ten Club donated a shirt and a hat which were raffled during the visit.

The regional need for blood donors is on the increase due to new testing (and subsequent losses), greater use of blood in-region for open heart surgery and other procedures and plans for in-region organ and tissue transplant programs. To meet the needs of hospitalized patients in our 52-county region, more than 300 donors must give each day.

Cost Reduction Honor Roll

J. T. Matchett.....	D/002
T. L. Wright.....	D/002
G. R. Workman.....	D/446
P. I. Saxton.....	D/446
R. L. Tudor.....	D/475
J. J. Taylor.....	D/479
L. E. David.....	D/611
W. L. French.....	D/611
R. A. Orlett (2).....	D/611
W. D. Netzer.....	D/631
D. R. Overly.....	D/713
C. D. Pinkerton.....	D/713
P. F. Smith.....	D/714
G. Peed.....	D/720
R. K. Tschappat.....	D/724
R. S. Uhl.....	D/831

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