

# Energy Systems at Portsmouth

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

Volume 7

Pikeon, Ohio

June 1992

Number 5

## Portsmouth employees win at Awards Night

At Awards Night ceremonies in Knoxville on May 22, 144 individuals (including each member of the top team) were honored for outstanding accomplishments in research, management, operational support, and community service activities. More than 550 individuals were recognized by Energy Systems for individual and team achievements.

Special recognition also was given to the company's five nominees for the Jefferson Cup Award, which is presented annually by Martin Marietta Corporation. Nominees are chosen from among all Awards Night honorees.

The Manager of the Year award went to Sam Murphy, Jr., Applied Technology, who was recognized for "exceptional leadership and management of the largest and most complex 'work-for-others' project in Oak Ridge's history — the Seawolf propulsor." Inventor of the Year was Tuan Vo-Dinh, ORNL, for inventing "the Surface-Enhanced Raman Optical Data Storage System that offers 100 times greater storage density than current compact disk technology and has wide-ranging application in the fields of computing, health care, government, banking, finances and entertainment." Engineer of the Year was awarded to Tom Golson, Technical Operations, for "outstanding technical leadership of the engineering team who successfully completed an \$18-million facilities and equipment line item in approximately 15 months in support of a major 'work-for-others' project." Steve Pennycook, ORNL, was Author of the Year for his paper — "the first comprehensive analysis of Z-contrast electron microscope imaging conditions and which demonstrates that 'incoherent' imaging conditions can be obtained by using a high-angle detector." The Operations Improvement Award went to Dave Stansberry (UE) for "exemplary leadership and management of the UE Finance and Business Management organization that is recognized by the customer, DOE, and Energy Systems management for its outstanding contributions."

The top team award went to team leader Ron Kraemer and team members Irene Moisson, Ingrid Busch, Susan Diegel, Kahra Gilley, Glen Harrison, Michael Hilliard, Alton Huntley, Ronald Lec, Cheng Liu, Stephen Margle, Angela Sexton, Rajendra Solanki, Cynthia Terry, and Ed Tinnell, who were recognized for "outstanding performance in developing the Airlift De-



Brooks



Ortman



Calvert



Bracknell



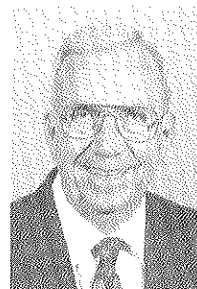
McGee



Conkel



Clevenger



Kouns



Hedges



Pullins



Sheward



Hicks



Bill Kouns and Dave Taylor pose with their wives at Awards Night ceremonies. Kouns won a Management Achievement award while Taylor represented the Plant Manager at the event. Shown enjoying the night's festivities are Phyllis Taylor, Kouns, Dottie Kouns and Taylor.

ployment Analysis System that became the exclusive scheduling system utilized by the Military Airlift Command in Operations Desert Shield and Desert Storm in what has been called the largest airlift in history."

More than 1,300 individuals (including team members) were nominated, and more than 500 nominations were received.

### Operations and Support

Several Portsmouth employees received awards for Operations and Support. The Operations and Support Award is given for exceptional administrative, technical or operational services, including efficiency improvements, cost avoidance or cost reduction activities, enhancements to programmatic operations and extraordinary personal efforts.

The following received an Operations and Support award for outstanding team achievement in the design and implementation of necessary upgrades to provide 92,000 square feet of critical hazardous waste storage space at Portsmouth:

- Toni Brooks (Team Leader), Acting Department Head, Planning and Engineering Support
- Burch Upham, Acting Department Head, Regulated Materials Operations
- John Klewicki, Project Management
- Henry Smith, Construction Engineering
- Matt Spronz, Civil Engineering.

Linda Ortman of the Plant Manager's Office received an Operations and Support Award for outstanding leadership and initiative in undertaking special assignments in support of Portsmouth plant activities.

The following Portsmouth employees received an Operations and Support Award for outstanding teamwork in receiving a first-ever "Satisfactory" rating in all areas of a DOE Comprehensive Security Inspection and Evaluation (conducted in March 1991):

- Lynn Calvert (Team Leader), Division Manager, Safeguards and Security
- Steve Battle, Department Head, Nuclear Materials Accounting
- Tom Bonner, Safeguards and Security Division Office
- Gary Hairston, Police Operations
- Bob Holland, Computer Systems and Procedures
- Emery Smith, Department Head, Security
- Beth Keener, Security
- Dan Hupp, Police Chief
- Russ Johns, Department Head, Nuclear Materials Engineering

(Continued on Page 2)

# Portsmouth award winners

(Continued from Page 1)

- Dave Shisler, Superintendent, Nuclear Materials Control and Accountability
- Curt Stollings, Department Head, Computer and Telecommunications Security
- Gary Workman, Department Head, Data Processing.

The following received an Operations and Support Award for outstanding team accomplishments in completing a complex and high-quality Part B Hazardous Waste Permit Application ahead of schedule:

- Keith Bracknell (Team Leader), Environmental Control
- Donna Acord, Environmental Control
- Larry Arthur, Civil Engineering
- Dick Blake, Management Assistance Response Team
- Sam Cummings, Environmental Control
- Ruthie Haydon, Environmental Safety & Health, Division Manager's Office
- Pam Potter, Environmental Control
- Rosemary Richmond, Environmental Control
- Elaine Rinehart, ES&H Staff Support
- Willis Walker, Associate Counsel

John McGee (Team Leader), Project Management; Ralph D'Antoni, Chemical Engineering; and Steve Fetherolf, Department Head, Construction Engineering, received an Operations and Support Award for extraordinary teamwork that resulted in on-schedule completion of Resource Conservation and Recovery Act (RCRA) closures required by the DOE/State of Ohio Consent Decree.

The following received an Operations and Support Award for excellent teamwork that resulted in an all-time record of UF6 cylinders filled and shipped to customers:

- Mark Conkel (Team Leader), Department Head, Chemical Operations and Uranium Materials Handling
- Don Davidson, General Supervisor, Uranium Materials Handling
- Dean Hoover, Uranium Materials Handling
- Ken Stephens, Uranium Materials Handling

The following won an Operations and Support Award for outstanding teamwork in the disassembly and removal of classified centrifuge components to a classified storage area:

- Thomas Clevenger (Team Leader), Management Information Systems
- Chris Varacalli, Management Information Systems
- William Brown, Department Head, Technical Review
- Emery Smith, Department Head, Security
- Bill Reep, Security
- Gloria Bentley, Security
- Robert Blackburn, Maintenance
- Roger Cosby, Maintenance
- Dave Diehlmann, Maintenance
- Bobby Graff, Maintenance
- Bruce Lindsay, Maintenance
- Leslie Munn, Maintenance
- John Warner, Maintenance

- Charles Fannin, Office Machine Repair
  - Doris Johnson, Materials-GCEP
  - Bill Lewis, Maintenance-GCEP
  - Henry Smith, Construction Engineering
- Management Achievement**

Several Portsmouth employees were recipients of Management Achievement Awards as well. The Management Achievement Award is given for contributions characterized by exemplary performance in leadership, planning, organization, staffing and control functions; achievements in dealing effectively with resource limitations and other constraints; meeting or exceeding schedules; attaining mission goals; training and motivating people and demonstrating support for company values; or specific accomplishments during the award period or over a long period.

Bill Kouns, Plant Manager's Office, received a Management Achievement Award for outstanding leadership in developing and implementing the Strike Contingency Plan resulting in a safe and environmentally acceptable operation.

Jeff Hedges, Division Manager of Waste Management, won a Management Achievement Award for outstanding leadership and managerial ability in organizing and staffing Portsmouth's Waste Management Division.

Steve Pullins, Division Manager of Maintenance, won a Management Achievement Award for outstanding leadership in implementing Conduct of Operations principles throughout the operating organizations at Portsmouth. Pullins previously served as the Division Manager of Special Programs.

Buck Sheward, Division Manager of Environmental Safety & Health, won a Management Achievement Award for outstanding leadership in the implementation and management of critical environmental, safety and health programs at Portsmouth.

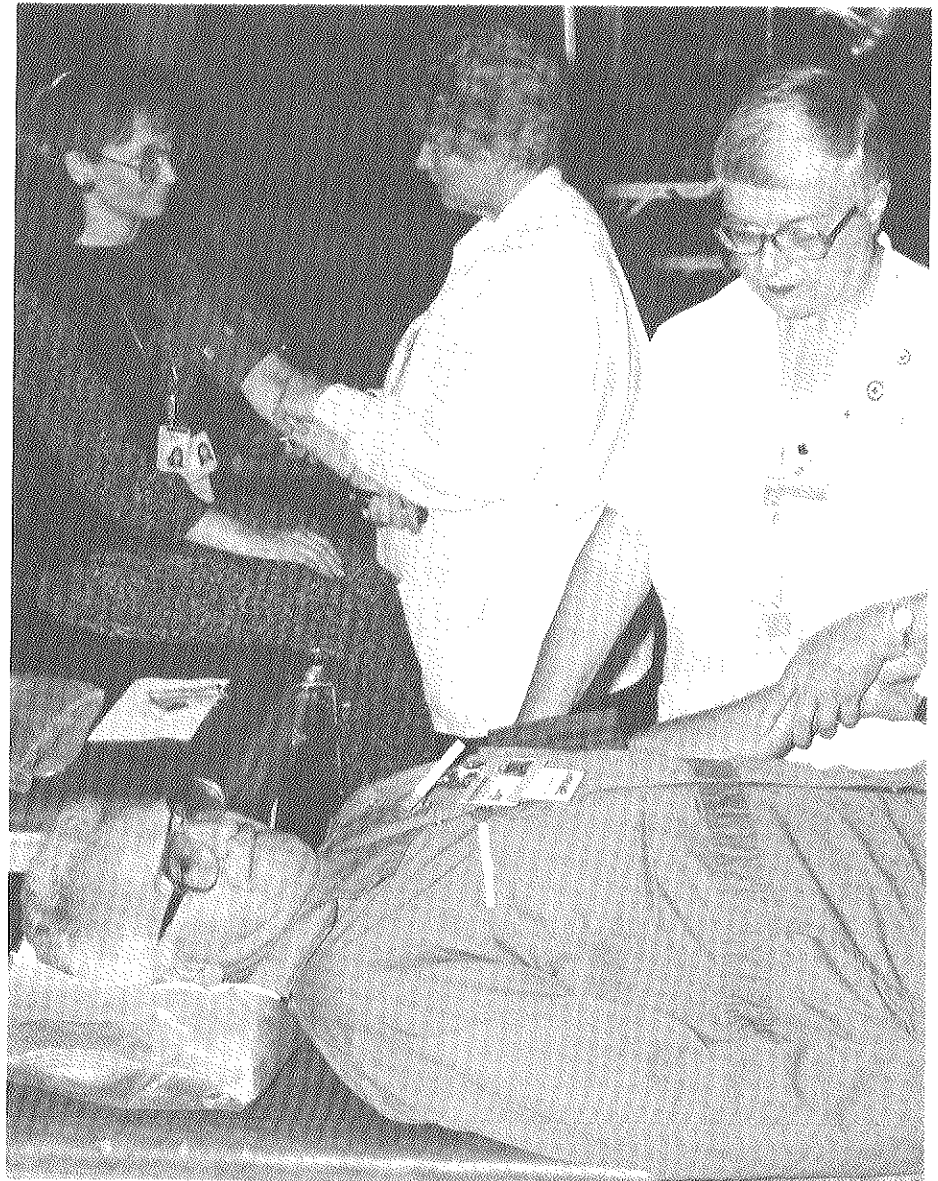
### Community Service

Jim Hicks, Nuclear Materials Engineering, won a Community Service Award for outstanding leadership in promoting community programs to support disability awareness.

The Community Service Award is given for outstanding and noteworthy performance in voluntary activities of benefit to the community and involving considerable personal time, demonstrated dedication and continuous long-term service, significant contribution to quality of life in the community, demonstrated and recognized leadership abilities or considerable creativity in the initiation and implementation of community projects.

## New Arrivals

- Daughter, Chelsea Taylor, April 22, to Steve and Rebecca (D-101) Jarrells.
- Daughter, Deidre Kathleen, May 20, to Curt (D-533) and Pam (D-103) Potter.



Employees Debi Maxwell (D-351) and Bernie Malone (D-726) prepare to donate blood during the June Bloodmobile visit. Pictured left to right are Maxwell; Vickie Lunsford, LPN; Malone and Charlotte Patton, RN.

## Bloodmobile visits Portsmouth

A total of 187 successful units of blood were collected during the American Red Cross Bloodmobile visit to the Portsmouth plant June 1-2.

Donors who reached gallon milestones were as follows:

**9 gallons** — William L. Welch.

**4 gallons** — Bernie A. Malone, Robert E. Lewis, John A. Albright, Mark A. Shaw, Myron Cofer, Paul D. Austin, and Michael Eversole.

**3 gallons** — Russell E. Johns, Richard W. Craycraft, Sharon Kay Bailey, Wayne E. Cook, and Robert S. Lykowski.

**2 gallons** — Burnette D. Billings, Larry D. Burt, Joycelyn C. Hoffman, and John M. Hortel.

**1 gallon** — LaDonna C. Coriell, James M. Childers, Allen P. Hoffman, Richard C. Howard, Joseph E. Kuhner, John D. Kyle, and Lonnie Sayne.

"First Time" donors included Steven Adams, Jeff Altherr, Sara Blume, Jodi L. Carter, Donald F. Butler, Larry David, Joseph Dayton, Bryan Corbin, Philip Crabtree, Cherie Fitch, Charles Douglas, Nathaniel Evans, Dan Hanket, Jim Gatrill, William Hause, Leo Gillen, Mark Granus,

Jackie Jayne, Elizabeth Henderson, Amanda Johnson, Stephen Holder, Eva Howard, Chris Kelley, David Lambermont, William Lennox, John Jordan, Jodie Kayser, Debra Maxwell, Joe Monroe, James Lico, Michael MacCrae, Andrea McNeely, William McDonie, Michael Mason, Troy Martin, Charles Riggin, Linda Scott, Julie Rose, John Sheppard, Leonard Stenzel, Darrin Thompson, Pam Ward, John Waugh, and Robert Wood.

## MIMES nominated for Hall of Fame

Martin Marietta Energy Systems, Inc. was one of 32 firms nominated for induction into the Ohio Assembly of Council's Corporate Hall of Fame by the five regional Minority Purchasing Councils' Awards Committee for the All Ohio Trade Fair. The nomination is based on Martin's outstanding procurement activity with minority businesses. Two buyers, Robert Harris and Dave Adams, from the Purchasing Department, represented Portsmouth at the All Ohio Trade Fair in Columbus May 26 and 27 to formally receive the nomination.



# Dravecky shares comeback story

by John Christian

Dave Dravecky may not be playing baseball anymore, but he's still winning. A former left-handed pitcher for the San Francisco Giants, Dravecky is proof-positive that willpower helps in overcoming tragedy.

In 1988, Dravecky was diagnosed with a malignant tumor in his left arm and underwent an eight-hour surgery to remove it and nearly half the deltoid muscle. Following surgery, he was told that he had a near-zero chance of pitching again.

America watched as Dravecky came back one year later when he returned to Candlestick Park to pitch eight innings in an emotional win for the Giants over the Cincinnati Reds. However, his dramatic comeback was shortlived as tragedy struck five days later in a game against the Montreal Expos. In the sixth inning, Dravecky was on the mound pitching again when his arm broke during his delivery, causing him to collapse on the field. Two months later, he rebroke the arm during an on-field celebration after the Giants defeated the Chicago Cubs to win the National League Pennant.

After two additional surgeries, radiation therapy, and two other hospitalizations for staph infection, Dravecky underwent amputation of his left arm and shoulder in June 1991 due to progressive pain and loss of function.

Dravecky detailed the experiences leading up to the amputation in his 1990 book "Comeback," but he shared them personally with plant personnel when he visited on May 15 as a part of an all-day Abilities Awareness exposition that took place in the city of Portsmouth. Martin Marietta Energy Systems co-sponsored Dravecky's visit to the annual exposition.

Dravecky's love of baseball started early. As a seven-year-old playing catch with his dad, he dreamed of becoming a major league baseball player like Sandy Koufax or Vida Blue. He carried this dream into his baseball playing days at Youngstown State University. His junior career was especially successful as he racked up a record of 7-1, with a 0.88 earned run average; the media predicted he would be picked by a major ball club within the first 10 rounds of the draft.

Dravecky admitted his ego got "puffed up a bit" by all the attention. This attitude change caused him to lose sight of playing to have fun; he decided instead that success was more important to him than anything else. "I wanted to sign that \$100,000 contract," he said.

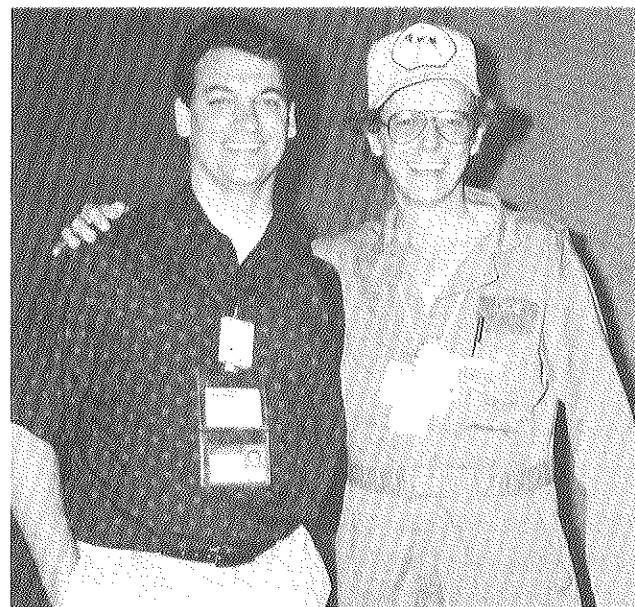
Later that year, at the NCAA Division II tournaments in St. Louis, Mo., he was the opening pitcher against Wright State University. "I was very confident going into that game," Dravecky said. "I was going to show these guys that Dave Dravecky was ready to pitch in the major league."

He pitched that game in front of a crowd that included 36 scouts, and he was defeated 26-1. "It was a very humbling experience to say the least," he said.

After entering his senior year of college, his attitude changed again. He decided to use the advice his father had given him: "Give your best performance no matter what you're trying to do, and have fun in the process."

"I was 3-2; I did nothing spectacular...it was a very mediocre year for me," he remembered. But as chance would have it, he pitched one game that season in front of two scouts and was drafted in the 21st round by the Pittsburgh Pirates "for a cup of coffee and \$500 a month."

*Dave Dravecky poses with his plant escort for the day, Jeremy (Woody) Galloway (D-743). Galloway lost his right leg in a childhood accident and walks with the help of a prosthesis.*



After three years with the Pirates' AAA team, he was traded to the San Diego Padres. He began his Padres career in Amarillo, Tex. Although not excited about this new location at first, he now holds fond memories of Amarillo. It was there that he and his wife became Christians, the foundation that would help them to overcome their future trials. It was Amarillo where Dravecky was "introduced to the challenge of reading the Bible...it was there that I was challenged to look at my relationship with God."

Before he took this new step, he explained, "Dave Dravecky lived for himself. I wanted success. I wanted to become a major-leaguer. I wanted all the money, all the fame, all the glory." He said his new perspective on religion changed his perspective on life. "I was no longer living for myself."

He claimed that his salvation made him a better baseball player because he no longer felt the pressure of success. He could now perform with the "right attitude."

His foundation of faith, he said, is what prepared him to cope with the tragedy of losing his left arm along with help from his wife, his doctors, his therapists and the Giants trainers. He said that his faith gave him "peace in the midst of the storm, and for the past three years, I've been in a hurricane."

"I don't like the fact that I stand here in front of you without my left arm. The very thing that I enjoyed doing more than anything on the face of this earth is gone."

However, his daughter Tiffany, 10, was surprisingly "joyful" after the amputation because before Dravecky had been unable to play with his children due to the extreme pain. She appreciated the new freedom of playing with Dad.

His son Jonathan, 7, also took advantage of the situation. He now knows of a secret spot to grab Dravecky that can bring him to his knees and pin him down, Dravecky claimed.

Dravecky has used his misfortune to spread his message far and wide. He is currently awaiting the publication of his second book, "When You Can't Come Back." The book, due in September, deals with adversity. He laughed as he said, "Now that I can't work, I have to write books."

However, his schedule does remain busy as he works part-time for "Focus on the Family," and for his own non-profit organization, appropriately named the Dave Dravecky Foundation. When he is not out speaking, he answers letters from others who are suffering.

"I'm not a counselor, but I write them back and let them know I care."

He also talks to people over the telephone. "People call who are dying of cancer and looking for hope."

In addition, he has become a spokesperson for a national anti-pornography campaign.

"I think that it's a worthwhile cause in not so much fighting pornography, but promoting decency, promoting values once again...I believe pornography has basically destroyed the very foundation that the family's been built on."

Dravecky appears with the campaign slogan "Real Men Don't Use Porn" on six billboards around the Greater Cincinnati area.

Several questions were asked of Dravecky by plant employees during the presentation and afterward. They included some of the following:

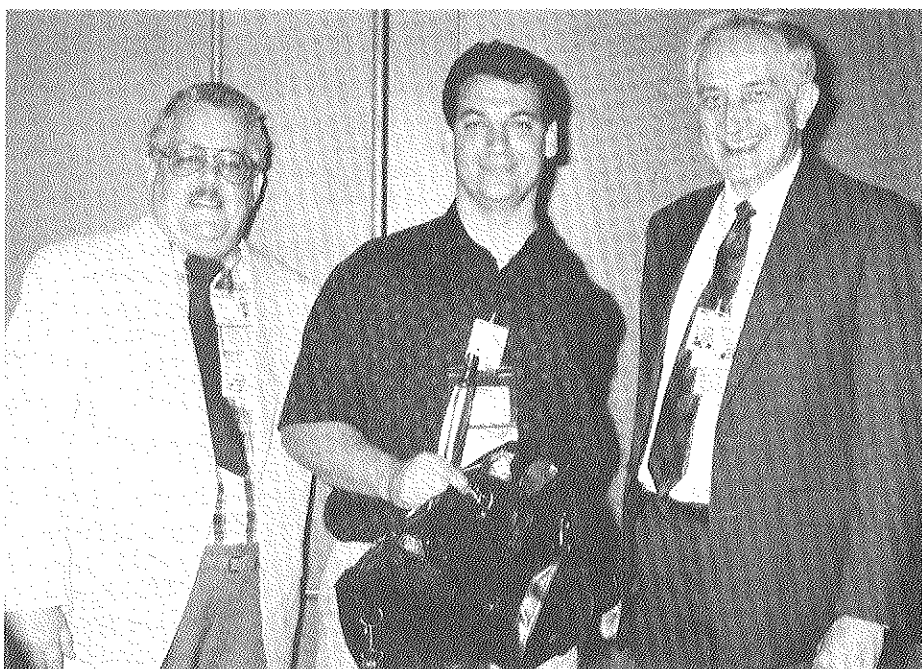
**What was your biggest moment in baseball?** The Comeback Game.

**Who was the toughest batter you ever faced?** Tim Lincecum

*Editor's Note: Ironically, Tim Lincecum was the Montreal Expo batter that Dravecky was pitching to when he broke his arm the first time.*

**Who do you admire in society, and why?** I admire Pat Buchanan because he is willing to buck the establishment and bring

(Continued on Page 8)



John Gedeon (left) presented a sports bottle, bag and golf umbrella to Dave Dravecky (center) from the Employee Activities Committee. Following Dravecky's presentation, Ralph Donnelly (right), plant manager, commented that Dravecky has had "more of an impact without his arm than he did with it."

# EAC holds Fun Day for employees

The Long's Retreat Fun Day, a first-time event, was held on June 6th. It was sponsored by the Employee Activities Committee (EAC).

Chairperson for this event was Judy Vollrath (D-347). She was helped by the following EAC members and volunteers: Judy Curry (D-811), Connie Eckhart (D-330), Jerry Towler (D-613), John Gedeon (D-027), Cheryl Entler (D-023), Sharon Bailey (D-226), Jim Whitt (D-334), Mimi Clausing (D-712), Bill Curry (D-211), Ron Mount (D-912), Steve Wamsley (D-451), Bob Mollette (D-623), Sandy Pollard (D-451), Janet Barker (D-451), Tim Paul (D-347), Tobey Attia (D-347), Sid West (D-347), and Kevin Pancake (D-347).

One of the highlights of the day was the grand drawing. Prizes won and the winners included: a 27" color television, Dick Duffy (D-535); a wrought iron patio set, Angie Litten (D-540); a microwave oven with carousel, Anita O'Conner (D-321) and a smoker grill, Sharon Bailey (D-226).

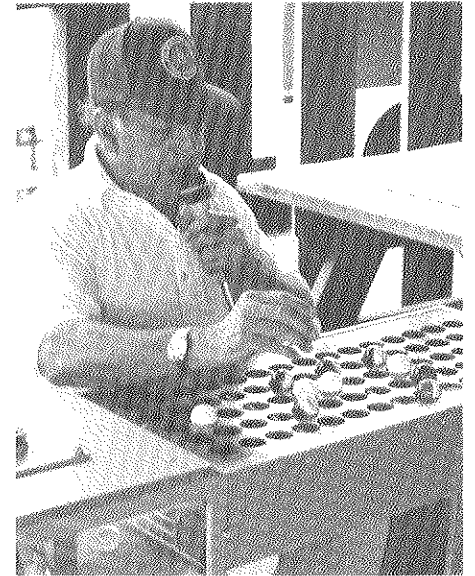
Besides the water and sports activities, bingo was a popular attraction. Lou Donini, a retiree of D-714, did the calling, and there were numerous prize winners.

Cheryl Entler and Sharon Bailey were in charge of children's games which ranged from finding a lifesaver in a pan of flour to running a three-legged race.

The EAC hopes to make this an annual event.



Employees grill out (above) during the Long's Retreat Fun Day. Children (below) get ready for the "Frog Jump," one of the several activities planned for them during the day. Retiree Lou Donini (right) calls out the numbers during bingo.



## Ethics Hotline

To report possible wrongdoing or to obtain clarification on ethical matters, contract your Ethics Representative at extension 2554 or call the Corporate Ethics Office at (407) 356-9400.

In addition, the Martin Marietta Corporate Ethics Office has a 24-hour toll-free number: 1-800-3-ETHICS (1-800-338-4427).

## ER holds public meeting

Portsmouth Environmental Restoration personnel conducted a public meeting on Thursday, May 28, at the Vern Riffe (Pike County) Joint Vocational School in Pike-ton. The subject of the meeting was the status of cleanup activities, findings to date, and planned Environmental Restoration projects at Portsmouth.

The meeting was moderated by Julie Pekkala, Coordinator of the Talented and Gifted Programs for Pike County and Waverly City Schools.

Clayton Gist of the Department of Energy (DOE) provided a program overview.



Robert Owen of the Ohio Department of Health and Dan Ruggles of the Industrial Hygiene Department answer questions at one of the public meeting topic tables.

He is the Environmental Restoration Integration Branch Chief at the Oak Ridge Field Office.

David Taylor, Director of Compliance and Support Services and the acting manager of Environmental Restoration, also gave a presentation. His talk covered the status of current and planned cleanup activities, Resource Conservation and Recovery Act (RCRA) Facility Investigations and findings.

A third presentation was given by Robert Owen, Radiological Health Administrator at the Ohio Department of Health in Columbus.

The last speaker of the evening was John Rochotte, Ohio Environmental Protection Agency (EPA) site coordinator from Logan.

A question and answer session followed the speeches. The meeting then adjourned, and attendees were invited to visit various topic tables. These tables covered such topics as Program Management, RCRA Facility Investigations, RCRA Closure Projects, Emergency Preparedness, Waste Management, Environmental Compliance, and Risk Assessment.

The next public meeting is planned for November.



Slater

## Slater transfers to Health Physics

Charles J. Slater has been named Department Head, Health Physics. He reports to Edgar R. Wagner, Superintendent, Health and Safety.

Slater came to the Portsmouth plant in November 1954 as a Production Process Operator. He was named Foreman, Cascade Operations, in February 1980. In October 1982, he was promoted to Assistant Cascade Coordinator. He moved up to Cascade Coordinator in May 1986. He had served as Department Head, X-330 Process Building, since September 1988.

A U.S. Army veteran, Slater and his wife, Virginia, have four children and live in Kingston.

## Obituaries

Ralph L. Stewart Jr., 62, Portsmouth, May 20. He was a General Foreman in Maintenance (D-731) at the time of his leave in April 1981. Survivors include his wife, June.

Gladys Barr, 89, June 5. Survivors include her son, Dewey Barr (retiree), and grandchildren Melody Channell (D-823) and Terry Barr (D-103).

### MARTIN MARIETTA

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MARTIN MARIETTA ENERGY SYSTEMS, INC  
A subsidiary of Martin Marietta Corporation  
Acting under

U.S. Department of Energy  
Contract DOE-AC05-76OR0001

Published Monthly in the Interest of Employees of the  
MARTIN MARIETTA ENERGY SYSTEMS, INC.

PORTSMOUTH GDP  
An Equal Opportunity Employer

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U.S. GOVERNMENT PRINTING OFFICE 548-044/No. 40008



Printed on recycled paper



## Who are our customers?

# Individuals, businesses, industries and government agencies

*This article is the second in a series describing the role of the DOE Uranium Enrichment Enterprise (UEE) in the worldwide nuclear industry and the enrichment market.*

In Tokyo, a woman comes home from work and turns on the lights in her apartment. At a doctor's office in Malmo, Sweden, a man walks on a treadmill while a medical technician monitors his heartbeat. Outside Soldier Field in Chicago, a network television crew prepares to broadcast a Monday Night Football game between the Bears and the New York Jets. These people — and millions of others around the world — have something in common: they depend on electricity produced by utilities that receive enrichment services from the UEE.

As we saw in the April issue, electric utilities are the end users of nuclear fuel produced by the UEE and other fuel cycle

participants. The utilities use this fuel to power nuclear reactors that generate electricity for their own customers — individuals, businesses, industries, and government agencies. Today, nuclear power accounts for 17 percent of the world's electricity, and a large portion of it is produced by our customers.

Currently, the UEE provides enrichment services for 164 reactors operated by 59 utilities in the United States and 10 other countries. Because developing a nuclear reactor program requires substantial resources, our customers tend to be utilities that have large customer bases of their own. Some customers, such as TVA, are government utilities; others are owned by private investors.

UEE customers are located in three major world regions: North America, Europe, and the Far East. The North American customer group is the largest, with 40 U.S.

utilities and one in Mexico. U.S. customers include the country's most nuclear-oriented utility, Commonwealth Edison Company. Based in Chicago, Commonwealth Edison serves 3.2 million customers that represent 8 million people — 70 percent of the population of Illinois. The utility operates 12 reactors, which account for almost 80 percent of the electricity it generates.

The Far East represents our next largest customer group, with ten utilities in Japan, one in South Korea, and one in Taiwan. Among the UEE's Far East clientele is Tokyo Electric Power Company (TEPCO), the world's largest privately owned electric utility. TEPCO serves more than 22 million customers in Tokyo and the surrounding area. TEPCO operates 13 nuclear reactors, is constructing two other units, and plans to add two more.

Although Europe is the home of our three largest enrichment competitors, the UEE

still serves several important utilities in this region. UEE European customers include one utility each in France, Germany, Spain, Sweden, Switzerland, and Yugoslavia. In southern Sweden, two million people depend on the Sydkraft Group for their electric energy needs. The two Sydkraft reactors serviced by the UEE provide almost half of that utility's electric power generation.

Just as the customers of these utilities rely on them for electricity, the utilities rely on us for their enrichment needs. And just as electricity needs differ from family to family and from home to home, each utility customer has its own unique enrichment needs.

**Next month, we will look at some of the different needs of our customers and how we in the UEE can help satisfy them.**

## New Employees

### June 1

Ryan N. Washington, Employment (D-024).

### June 8

David P. Osborne, Cascade Operations (D-810).

Russell E. Nickell, Cascade Operations (D-810).

Alyssa B. Pyle, Cascade Operations (D-810).

Kimberly P. Parker, Cascade Operations (D-810).

Anthony K. Preston, Cascade Operations (D-810).

Glorietta Wallace, Cascade Operations (D-810).

Vi C. Steward, Cascade Operations (D-810).

Debra J. Durbin, Cascade Operations (D-810).

Joseph P. Brewster, Radiochemistry (D-553).

Samantha J. Doty, Police (D-911).

Gerald E. Smith, Contract and Commitments Management (D-303).

C. Eric Browder, Police (D-911).

## PHP establishes new system

As of April 1, the Knoxville/Oak Ridge area preferred provider organization for Energy Systems employees, Preferred Health Partnership (PHP), assumed responsibility for reviews of mental health care and substance-abuse services for employees covered by Connecticut General health insurance.

PHP has established a mental health and substance-abuse care review system, Q-PLUS (Quality Professional Local Utilization Services), which has assumed review responsibility for all cases formerly reviewed by Health Risk Management (HRM) of Minneapolis.

Preferred Health Partnership (PHP) is not to be confused with the Portsmouth Health Maintenance Organization (HMO) called Physicians Health Plan (also referred to as PHP). The Q-Plus system applies only to employees who subscribe to the Connecticut General plan. It does not apply to Portsmouth employees who subscribe to either HMO — Physician's Health Plan (PHP) or Humana.

Objective reviews of mental health and substance-abuse care are conducted to ensure that employees receive quality care in appropriate settings when the review process determines that such treatment is medically necessary.

Q-PLUS review is conducted for all inpatient mental health or substance-abuse services used by employees at any of the five Energy Systems sites. Outpatient care will be reviewed only for persons who are seeing health care providers who are members of the Preferred Provider Organization. (These are the same reviews formerly conducted by HRM.)

During the transition, employees or their dependents who are in treatment for men-

tal health or substance-abuse problems are not required to do anything differently than they have been doing.

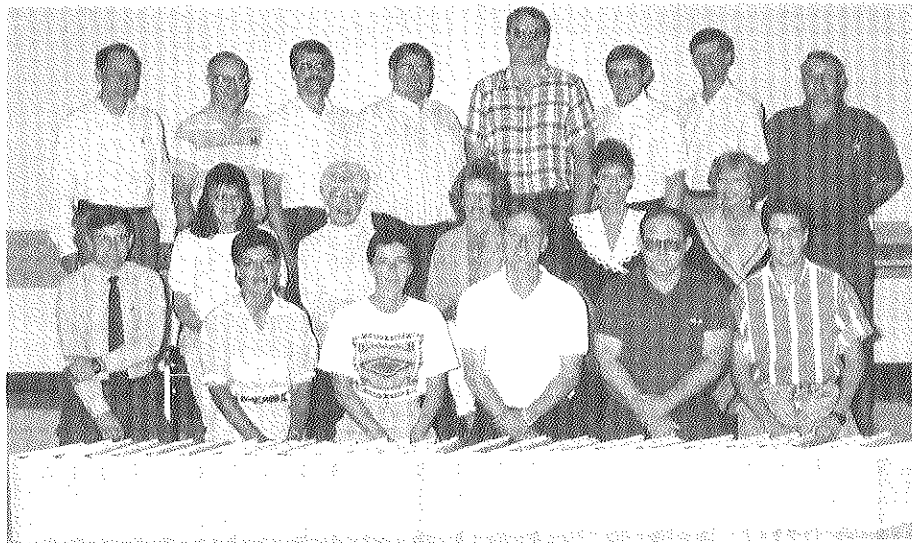
The change to a local reviewing organization is intended to result in less disruption to patient care, more efficient processing of claims and more effective control of patient confidentiality. PHP care providers such as psychiatrists, psychologists, social workers, and hospitals will continue to work with the PHP on utilization review policies.

"Personnel in Human Resources and the Office of the Treasurer have worked very hard to bring this service closer to home and to relieve concerns our employees have

expressed about the previous arrangement," said Energy Systems President Clyde Hopkins.

"Health care costs have been rising in recent years at great speed. The reviews help us keep costs down, while ensuring that appropriate care is being given. We appreciate the innovation and cooperative approach that our PHP offered us by organizing Q-PLUS," he said.

Paducah and Portsmouth employees will receive a new Medical Plan identification card listing the new telephone number for certification of hospitalization for mental health or substance-abuse treatment. The new telephone number is 1-800-654-1092.



### Revision to application submitted

The revision of the RCRA Part B permit application was submitted to the Ohio EPA on May 13. This permit would allow DOE to operate hazardous waste handling and storage facilities at the plant. Some of the 50 plant personnel and consultants that helped to complete the project are shown above with the 25 volumes of the revision. They are (front row) Tom Perry (Martin Marietta Corporation), Janette Lynch, Leann McWhorter, Lee Lawson, Dane Clark, Brent Richards, (second row) Shirley Bates, Ruthie Haydon, Clara Widdig, Elaine Rinchart, Rosemary Richmond, (third row) Dick Snyder, Sam Cummings, Harold Sybnor, Dick Blake, Richard Trowsbridge, Gary Plante, Jim Campbell and Buck Sheward.

## Retirees

Margaret J. Sheets, Jackson, Sr. Staff Nurse (D-111), after 10 years.

Donna M. Penn, Piketon, Administrative Secretary II (D-002), after more than 31 years.

Lloyd Clausing, Portsmouth, Department Head, Safety Analysis (D-544) after more than 10 years.

Robert E. Munn, Wheelersburg, Supervisor, Utilities Operations (D-462) after 30 years.

Richard A. Born, New Boston, Sr. Staff Engineer I (D-611) after 39 years.

John R. Leeth, Bainbridge, Supervisor, Process Area (D-814), after more than 38 years.

# Students win Engineering essay contest

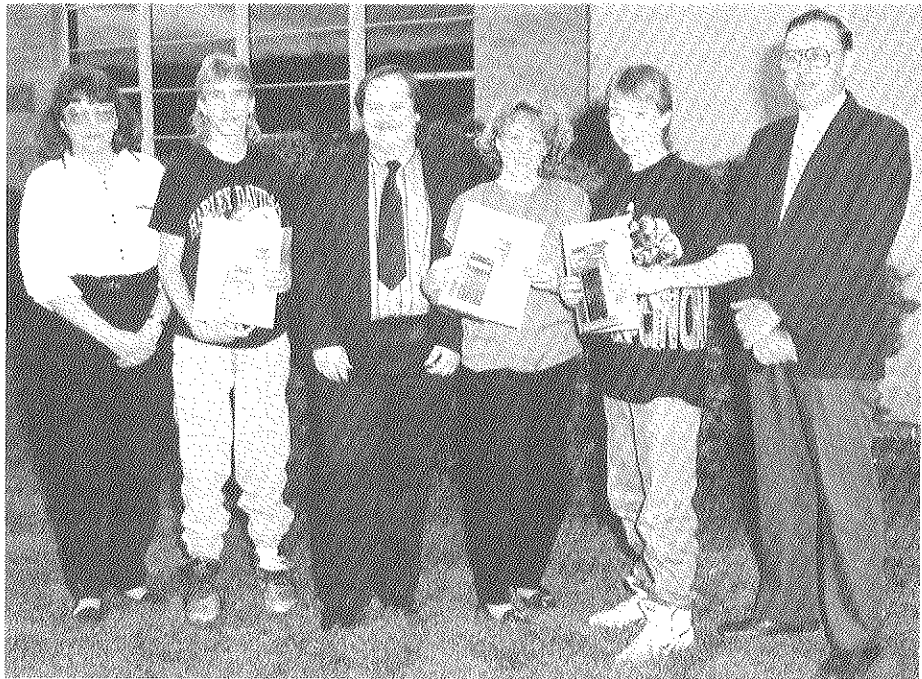


National Engineers' Week (NEW), February 16-22, was celebrated at Portsmouth with a student essay contest. Portsmouth's Engineering department sent out brochures, bookmarks and posters to 36 junior high, senior high and middle schools. Students were asked to submit essays detailing "What Engineers Do For Us." Essays were judged by personnel at the individual schools based on content. The winners were awarded Sharp Scientific Calculators.

Essay winners included Brian Dulin — Zane Trace Middle School; Kelli Jo Potter — Oak Hill High School; and Marlene Stollings — Eastern High School. In addition, Northwest High School had a three-way tie for the winner with Phillip Crabtree, Amanda Willoughby, and Tim Abrams.

Brad Teeters, Instrument Engineering, made the presentation to Marlene Stollings, a daughter of Curt Stollings (D-904). Dewey Godfrey, Instrument Engineering, presented the awards to the Northwest winners. George Shoemaker, Project Management, presented the award to Brian Dulin, a son of Clyde Dulin (D-102). Larry Reese, Chemical Engineering, presented the award to Kelli Jo Potter.

Paul I. Davis, of the Engineering Division Manager's Office, coordinated the contest.



Above: Brad Teeters, Instrument Engineering, presents a certificate and calculator to Marlene Stollings (above) of Eastern High School as Instructor Marie Hendricks looks on. Northwest High Instructor Margaret Willoughby (below) appears with co-winner Phillip Crabtree; Dewey Godfrey, Instrument Engineering; co-winner Amanda Willoughby, co-winner Tim Abrams and Northwest High Principal Daniel Diehlmann.



Robinson

## Robinson receives highest masonic degree

Robert J. Robinson Sr. (D-742), was created a Grand Inspector General of the 33rd and last Degree of the Ancient and Accepted Scottish Rite of Freemasonry when the United Supreme Council convened for its 111th Annual Session at Nassau, Bahamas on May 18. He was elevated to membership in the United Supreme Council of the Sovereign Grand Inspectors General of the 33rd and Last Degree of the Ancient and Accepted Scottish Rite of Freemasonry (Prince Hall Affiliation) for the Northern Jurisdiction of the United States of America. This is the highest degree a mason can obtain.

Robinson has been a mason since May 1965. He currently serves as president of the Ross County Branch of the NAACP.

He and his wife, Anne, have three children and live in Massieville.



Grilling out

John Thompson (D-633) grills out at Camp Oyo following the Foremen's Club hike at Shawnee State Forest. The hike took place on May 31, followed by a cookout at the Boy Scout camp. The Foremen's Club sponsors these hikes at Shawnee every spring and fall. Thompson served as coordinator of the event.

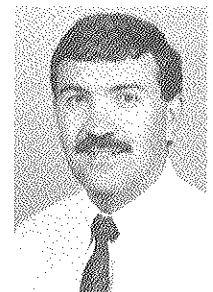
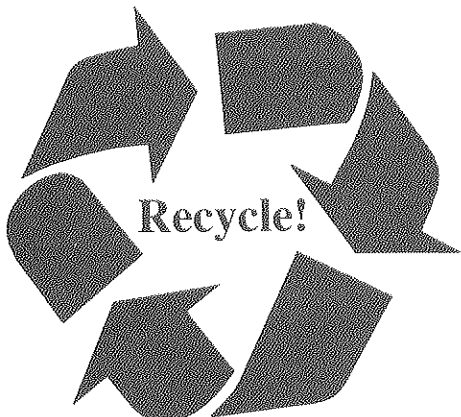
## Hotline Reminder

To report fraud, waste or abuse, unethical activities, or concerns about security, quality, environmental, safety or health hazards, call the Internal Audit Hotline 24 hours a day on extension 2401.

## SERVICE MILESTONES

July 1992

- 35 years — Lawrence A. Zommer.
- 25 years — Roy H. Noel Jr.
- 15 years — Thomas C. Houk, Phillip A. Otworth, Kenneth C. Wymer, Bruce E. Wilkinson, Larry E. David, Carolyn K. Cannon, and Debrah M. Morris.
- 10 years — Walter T. Price, Oscar B. Prater, John F. Lewis, Jeanette L. Wiley, John J. Gemperline, Stuart E. Payne, and Judith G. Hignite.
- 5 years — Timothy W. Knauff and Gary D. Dearing.



Nickell

## Promotions

Terry O. Nickell has been promoted to Supervisor, Materials (Stores). He reports to Gerald L. Harris, General Supervisor, Materials (Stores).



## Waste Management at Portsmouth

# Making strides in improving performance

by John Christian

Inherent with the responsibilities of production is the decision of what to do with the waste that is created. Forbes magazine reports the key worry of U.S. companies, according to Gemini Consulting, is the cost of environmental regulation — managing waste — which could soar over the next decade.

Increasing cost for waste management is no different at Portsmouth. The FY 1992 budget for the Portsmouth waste management program (excluding wastes from environmental cleanups) is approximately \$22 million, and the annual budget is expected to increase by \$5-10 million in the next few years.

The waste management program at Portsmouth has changed dramatically in the last two years. The Waste Management Division was formed in December 1990 to consolidate waste handling, storage, and administrative support activities under one organization and provide leadership in improving the overall waste management program.

This consolidation of waste management functions continued in April 1992, with the integration of the Utilities Department into the Waste Management Division. This integration, under the direction of Bill Kelley, Superintendent of Waste Operations, allows greater control over on-site waste treatment, storage, and disposal activities since the

Utilities Department operates the majority of wastewater treatment facilities on plantsite. Including Utilities, the Waste Management Division has grown from a staff of four in 1990 to 128 individuals currently.

According to Michael Kane of the Waste Management Division, there are essentially seven fundamental steps to waste management: waste stream identification, prevention and minimization, generation, accumulation, storage, treatment, and disposal.

Kane was the Department Head, Planning and Engineering Support, working with Jeff Hedges, Waste Management Division Manager. Kane, who was instrumental in systems development and strategic planning for the division, is now working on special assignment.

"In reality, waste management begins when a process is defined," Kane said in a recent interview. Understanding the process is the first step in effectively managing waste, he explained. However, "After a process is defined and wastes are identified we ask, 'How do we avoid generating the waste in the first place?'"

Given that Portsmouth operations produce thousands of gallons of wastewater and over a million pounds of hazardous, toxic, and radioactive waste each year, dealing with waste requires a broad range of knowledge. Waste Management personnel must have an in-depth understanding of chemistry, plant activities, and environ-

mental regulations to identify the proper packaging, storage, and ultimate treatment and disposal of wastes. Guidelines for management of wastes are laid out by state and federal environmental regulations, the U.S. Department of Energy (DOE) orders, and Martin Marietta policies.

Like other DOE facilities, much of the plant's waste contains small quantities of radioactive materials for which there are limited treatment and disposal options. Portsmouth has accumulated over 24,500 containers of waste in on-site storage areas.

The Waste Management Division has made tremendous strides in improving performance in virtually every area of accumulation and storage.

A field services organization was created in the division under the leadership of Paul McGoron. The focus of the group is to support waste generators in complying with environmental regulations and packaging and accumulating waste. In addition, an improvement program has been established to better characterize waste for eventual treatment and disposal, including accumulated waste already in storage. Bar coding technology is now being used to help track and inventory wastes stored in the plant. To date, over 23,000 containers have been labelled with bar codes.

With permission from the Ohio Environmental Protection Agency, the Waste Management Division is consolidating the majority of the hazardous waste on-site into the X-7725 Building, which is the former Recycle and Assembly facility for the Gas Centrifuge Enrichment Plant (GCEP). An ongoing \$16 million project exists to upgrade approximately 240,000 square feet of storage space in X-7725 to meet regulatory requirements, providing improvements such as concrete dikes, sealed floors, enhanced utility systems, and radiation cluster monitors.

Waste Management has made progress in removing waste from storage as well. Burch Upham of the Regulated Materials Operations Department developed a method to use existing groundwater treatment facilities on plantsite to treat wastewaters which had been previously stored

in 55-gallon drums. In the first half of fiscal year 1992, Waste Management treated 42,000 gallons of wastewater that was formerly occupying valuable drum storage space, making more storage space available for waste which cannot be recycled or readily treated. An additional 22,000 gallons of hazardous waste have been shipped to the DOE K-25 TSCA Incinerator in Oak Ridge, Tenn., under the direction of Terry Acox in the Waste Management Division.

Through the cooperation of all personnel on plant site, Portsmouth reduced the volume of radioactive waste generated by 38 percent in the first four months of fiscal year 1992 compared to the same period in fiscal year 1991. Similarly, hazardous waste generation has dropped 15 percent; PCB waste has decreased 63 percent; and sanitary waste going to the landfill has declined by 60 percent. Additionally, programs that segregate radioactive metal scraps, reduce radiological area sizes, sort burnables, substitute solvents, eliminate use of chromium in cooling water, reduce floor sweepings, and eliminate lead-based paints are now under way in various divisions of the plant.

However, this is not enough according to Kane. Last May, Energy Systems and DOE placed a moratorium on sending hazardous and PCB waste to commercial treatment and disposal facilities unless it can be demonstrated that the waste meets strict performance criteria. "We have to demonstrate that the waste contains no additional radioactivity above background from DOE operations," Kane said. Since last year, Portsmouth has only shipped waste off-site to the K-25 TSCA Incinerator.

As a result, there is still more waste going into storage than being treated and disposed, and Portsmouth only has a finite amount of storage space for all waste types.

Waste Management would like to begin to tip the scales in the other direction, Kane said. The goal as stated in the Portsmouth Waste Management Strategic Plan, issued in March 1992, is to fully implement an integrated waste management strategy in which there is no waste in long-term storage by the year 2002.

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**Wellman wins award**

Susan Wellman (D-912) accepts the first place individual award for having the most money pledged (\$578) in the 1992 Super Cities Walk for the Multiple Sclerosis Society. This was the second year in a row that she has won this award. She was presented this award by Jim Hicks (D-931), chairman of the Multiple Sclerosis Super Cities Walk Committee. The April 4 Portsmouth walk, in which 157 walkers participated, raised a total of more than \$9,000 to help local residents afflicted with MS.

## RECREATION CORNER

The Oil, Chemical and Atomic Workers (OCAW) Union, Local 3-689 has planned a union picnic July 25 at Long's Retreat in Latham. The picnic will be from noon to 9 p.m. There will be family games (including children's games), door prizes and discounts on activities. Beverages and meats will be provided. Those attending are asked to bring side dishes.

Local 3-689 will be conducting its first annual OCAW golf outing at Shawnee Golf Course on August 1. The first tee time is at 8:30 a.m. Names must be in and fees must be paid by July 10. The outing will consist of a scramble with teams put together by drawing names from each flight: A, B, C and D. The cost of \$17 covers green fees, refreshments and prizes. Contact Ray Radabaugh for more information at Ext. 4525 or at his home number, (614) 259-4220.

# Webster to review complaint system

Martin Marietta Corporation has retained Judge William H. Webster, former FBI and CIA director and judge of the U.S. Court of Appeals for the Eighth Circuit, to conduct an independent review of Energy Systems and ORNL handling of employees' environmental, health and safety complaints.

The purpose of the investigation is to determine whether there are weaknesses in the company's system for reporting, evaluating and resolving employee concerns about health and safety issues in the workplace.

Assisting Webster will be Richard Tufaro and Wade Wright, attorneys from his Washington, D.C., law firm, Milbank, Tweed, Hadley and McCloy.

Energy Systems President Clyde Hopkins said that the success of the investigation depends upon employees' willingness to speak openly, truthfully and accurately about health and safety concerns they may have, the methods available to express those concerns and how management handles them.

Both Martin Marietta and Energy Systems are determined to give serious and effective attention to employees' health and safety concerns, Hopkins said. Employees who are contacted are encouraged to par-

ticipate fully and to speak freely. Employees who are able to add information are encouraged to initiate contact with Webster's office at (202) 835-7500.

## Employee rights

Energy Systems Chief Counsel Wilson Horde advises that employees who are contacted by investigators such as Judge Webster, who represent organizations other than law-enforcement agencies — DOE, the General Accounting Office, representatives of members of Congress, the Department of Labor or other federal or state agencies — may participate if they wish.

Energy Systems' policy is to cooperate with such inquiries and to encourage employees to participate. Employees are cautioned that they must take care to answer questions truthfully. A false or misleading answer could result in personal civil or criminal liability.

Any employee who chooses to give a statement or interview to an investigator may request that a company representative (usually an attorney) be present.

If an employee feels that he or she needs an attorney, Energy Systems will provide one at no cost to the employee if a need exists. Employees may retain personal attorneys at any time.

Employees also have the right to decline to answer questions from investigators.

Persons who are contacted at home, whether in person or by telephone, have the right to decline to answer questions, to insist that interviews take place at work and to require that a company representative (usually an attorney) be present during the interview.

Ordinarily, it is permissible to provide information and documentation to an investigator, but only with the prior approval of management.

Copies of such records must be retained for your files. If you have questions concerning whether or not information or documentation should be released, you should contact the Office of General Counsel immediately for assistance. Acting quickly

helps to avoid delays in furnishing records or notifying investigators that access must be denied.

Under no circumstances should documents, papers, memoranda, notes, records, tapes, diskettes or any other recorded information be destroyed, removed, altered or tampered with in any manner either during an investigation or after it is concluded, other than in accordance with record-retention procedures.

Questions concerning legal rights or the furnishing of documents and requests for legal representation should be directed to the Office of General Counsel at 4-2217 in Oak Ridge, 897-2165 at Portsmouth or 441-6228 at Paducah.

## Preparing for tornado season

Tornado Season has arrived. One of the most furious and devastating tornadoes hit Xenia on April 3, 1974. Illinois, Indiana, Ohio, Michigan, Missouri, Iowa and Wisconsin have been hit by four of the six worst tornado outbreaks in history.

The National Weather Service issues a Tornado Watch when the possibility of tornadoes exists, and a Tornado Warning when a tornado has been spotted or indicated on radar. Remember also there may not be time for a Tornado Warning before a twister strikes. Tornadoes form suddenly.

Here are a few facts about tornadoes that can save your life:

- Tornado winds can sound like a roaring freight train or airplane. If you hear the sound, take cover.
- Opening a window — once thought to minimize wind damage by allowing inside and outside atmospheric pressure to equalize — is not recommended. Latest research shows wind entering openings can lift off the roof.

- Always stay away from windows and exterior doors. Storm cellars or basements offer the greatest protection, but if there's no basement, go to a small room, such as a bathroom or closet, in the center of the home on the building's lowest level.

Plan now where to go in case of a tornado. To find out where to go at work, read the Natural Phenomena Section (III-J) of the Plant Emergency Manual (POEF-1160). A tornado warning on plantsite is via the public address system and all frequencies of the radio systems, followed by a wailing, three-to-five minute blast of the roof sirens. (This three-to-five minute blast is the warning to "take cover.")

A Tornado Walkthrough exercise will be conducted on plantsite in the near future.

## Dravecky shares comeback

(Continued from Page 3)

back traditional values. I admire the positions he has taken...I admire James Dobson (Focus on the Family) because he has taken a stand for family values...I admire Billy Graham, because he has remained faithful and strong. He has held to his religious convictions and has had an impact on the world like nobody else...I also respect Marilyn Quayle tremendously.

## Making strides

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The Waste Management Division, along with other plant organizations, are working very hard to achieve this goal. New waste treatment facilities will be constructed and new ways of handling waste will be implemented to allow off-site disposal of waste. Kane said that, unfortunately, getting project approvals and permits and changing the way we do business "takes a lot of time." However, the plant is making progress.

Waste Management's goal is part of a unified plant direction, said Kane. He summed up this goal as the following: "Allowing production goals to be met while managing waste in compliance with all environmental regulations and in a cost-effective manner."

**Do you plan any future involvement in sports?** I was offered a coaching job at the collegiate level, but the farther I get away from baseball, the less interested I am.

**Do you plan to use a prosthesis?** I am not interested in using one...I don't want another thing hanging off my body.

**When did you learn to write with your right hand?** The first time I signed my name with my right hand was the night before the amputation when I signed the consent form in the hospital. I practiced while I was in the hospital.

## Clarification

Our May issue included a story about the Energy Systems' Savings Program. Unfortunately, it was partially inaccurate as it explained that participants may opt to have their investments from their savings program paid out in one lump sum, a single- or joint-life annuity, or the period certain option, which allows for a 10-, 15- or 20-year monthly payout. While this remains true for Portsmouth salaried and UPGWA employees, OCAW employees do not have these options. OCAW employees may either defer payout from their savings until they are age 70 1/2, or they may take one lump sum payout upon retirement. This was not clarified in the May article.



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