

Energy Systems at Portsmouth

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

Volume 2

Piketon, Ohio

August 1987

Number 6

COST REDUCTION

Program success relies on ideas submitted by all plant employees

September has been designated as Cost Reduction Month and "You are the Key to Cutting Costs" has been chosen as its theme by the plant Cost Savings Committee.

The Cost Reduction "I"dea Program was established in 1968 to provide a convenient and formal method for employees to participate in cost management. Each division is represented on the Cost Savings Committee. Members of the committee are C. A. Eckhart (D-010), G. P. Zoellner (D-230), R. E. Wilcoxon (D-321), J. B. Fenton (D-475), G. J. Smith (D-502), R. F. Roe (D-611), J. C. Hertler (D-740), A. A. Stone (D-803), C. H. Crabtree (D-912), E. A. Picciano, Chairman, (D-801), and V. M. Perez (D-551).

Cost reduction is a vital activity that is essential in the worldwide competitive uranium enrichment services market. Both Martin Marietta and the Department of Energy (DOE) place emphasis on cost reduction in order to maintain a leadership position in this market.

The 1986 Portsmouth Cost Reduction Program saved \$960,326 on 69 accepted ideas.

Cost reduction "I"dea forms (form A-1699) are located in dispensers throughout plantsite or in Stationery Stores.

When completing the form, it is important that sufficient detail be included to permit the evaluator to appropriately understand the idea. The completed "I"dea forms are mailed to the office of Ralph Donnelly, Plant Manager, at MS-1223. Donnelly acknowledges each idea by a signed "Thank You" card expressing his appreciation for participation in the program. The "I"dea forms are then forwarded to Administrative Services for distribution in the evaluation process. ALL ideas are evaluated!

Acceptance of an idea must produce an annual savings of at least \$25 per year. Recognition for accepted ideas is through the plant newspaper, bulletin boards, and an annual luncheon.

If you hear someone say that nothing needs to be changed, don't believe it! YOU know YOUR job better than anyone else. YOU are the KEY to cost reduction!

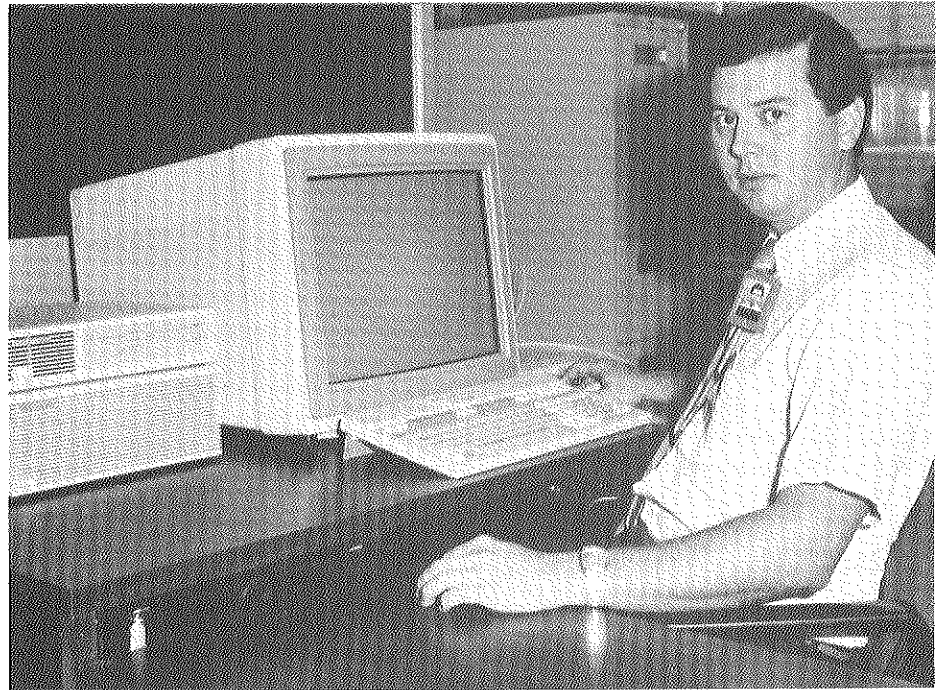
In the words of Thomas Edison, "There's a way to do it better — find it!"

Submit an "I"dea today!

Top Ten Club helps fund JA

Pike County Junior Achievement collected almost \$7,000 in pledges from local businesses and individuals during its annual Phone-A-Thon fund drive in July.

The Martin Marietta Energy Systems Top Ten Club at the Portsmouth plant pledged \$200 to help maintain Project Business and Applied Economics programs in Pike County schools. The programs will be offered during the upcoming school year as classes are available and area business consultants are trained.



Plant Engineer Keith Lisk has received no formal training in software development, but through study and a lot of initiative, wrote a computer program subroutine to enable the transfer of engineering drawings between two "formerly" incompatible systems. The commercial developer of one of the systems submitted one of 11 requests Lisk received for copies of the subroutine.

Written by engineer Keith Lisk Computer-aided design systems mesh with special subroutine

A Portsmouth plant engineer has developed and written a software program which has potential for both considerable plant time savings and use by the private sector.

Keith C. Lisk, Engineer, Sr., developed and wrote a software program "Autocad to Farbcad Translation Subroutine" for use at the Portsmouth plant.

The need for the subroutine was based on the differences between two computer-aided design (CAD) systems used by the Engineering Division to create and edit drawings.

The CAD system used in the Electrical and Instrumentation and Design Engineering subdivisions are based on "Autocad" software (written by Autodesk, Inc.) and Farbcad (written by Farb Systems, Inc.). These subdivisions frequently work together on the same plant projects, but because of the incompatibility of the systems, each group would have to re-draw common details.

Lisk recognized this problem, and in the fall of 1986 began developing soft-

ware to eliminate the redundancy of work and make the overall project design process more efficient. The Autocad-to-Farbcad translation subroutine enables the Farbcad system to read an Autocad drawing file and "translate" it to a Farbcad drawing.

The software subroutine was completed June 1 and forwarded to the Technical Review Department for transmittal to the Department of Energy, subsequently for placement in the public domain of the National Energy Software Center (NESC) at Argonne National Laboratory at Argonne, Ill.

Keith gave a presentation to about 100 people on his development of the subroutine at a Farbcad '87 user's conference in Rockford, Ill., June 25-26. Following his discussion, he received 11 requests for the software, including one from Farb Systems, manufacturer of the initial software package used in his department's CAD system. The requests were referred to the NESC (See LISK, page 2)



Submit an "I"dea
TODAY!

Team to audit site quarterly to insure maximum appearance

To establish pride in the appearance of the Portsmouth Gaseous Diffusion Plant by assuring that it is a clean, safe and healthy place to work, a Plant Appearance Program was implemented in July.

An inspection team of management, salary employees, and OCAW and UPGWA personnel will conduct audits of facilities and grounds and document their findings on a quarterly basis.

This type of cooperative plant appearance effort has achieved considerable success at the Oak Ridge and Paducah sites and is expected to help better identify problem areas for resolution within the Portsmouth plant.

The Portsmouth site has been divided into quadrants. Each is identified by a zone letter and assigned to two managers and one safety consultant. The managers are responsible for implementing the program within their assigned zones. Safety consultants track all inspections and assure completion of all items within their zone.

Ralph Donnelly, Plant Manager, is chairman of the program. Jim Harshman, Manager, Finance and Information Management, and Wayne McLaughlin, Director, Personnel, serve as program coordinators.

Managerial zones are as follows: Jack Crawford and Bill Kouns, Zone A; Bob Bush and Vince DeVito, Zone B; Roger McDermott and Glenn Russell, Zone C; and Bill Lemmon and Keith Stalnaker, Zone D.

Dan Charles, Fred Edelmann, Len Sendek, Jim Spriggs and Tom Taulbee of the Safety Department serve as consultants to zone managers.

The quarterly inspection will require a two-day effort. Areas for inspection will be general safety, industrial hygiene and health physics, fire protection, and appearance/cleanliness.

Ratings of the inspection will be Superior, Excellent, Satisfactory, Marginal, or Unsatisfactory. Rankings for overall zone improvement since the previous inspection will be Outstanding, Noteworthy, Noticeable, Stabilized, or Declined. Photography will be made of problem areas.

Inspectors will issue both verbal and written reports to management 10 days after each inspection. The first was scheduled for Sept. 8 and 9.

Each quarter, the "Ace Number 1 Zone" award will go to the best, which is determined to be closest to full compliance with the overall program.

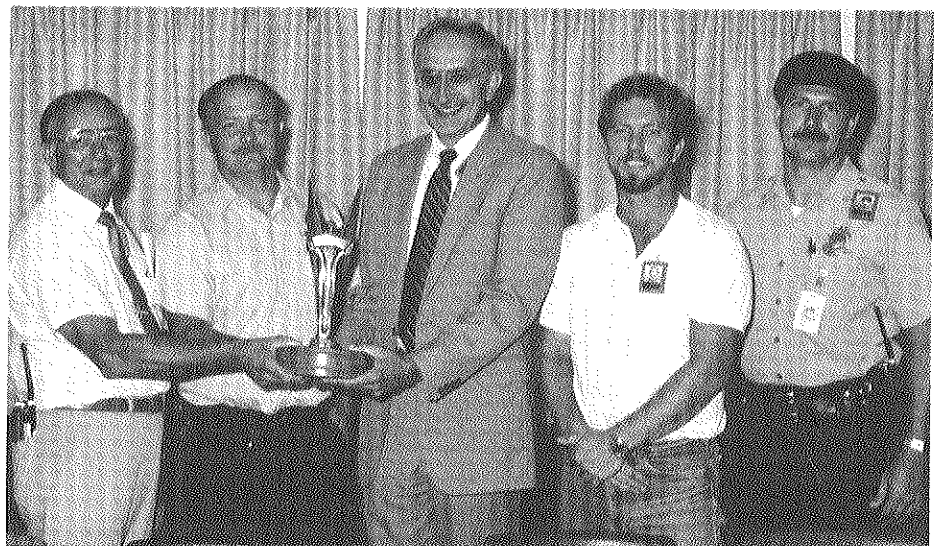
A "WOZOPS" award (Worst Zone on Plantsite) will be made to the zone that is determined to be furthest from compliance with the objectives.

Selection of awards will be made by vote of the inspection team.

Serving on the quarterly inspection team are Bill Byers, Gary Coriell, Ray Dever, Ray Fankell, Josie Jordan, Bob Lykowski, Sam McGraw, Joe Newson, Randy Schobelock, and Rick Snodgrass. Donnelly, McLaughlin and Harshman will accompany the inspection team on their rounds.

"This program is intended mostly to be a formal means for management to take direct responsibility for checking up on housekeeping and the general appearance of the plant, and to insure that equipment and systems are in their designated places within site buildings," McLaughlin emphasized.

"In practice, the challenge of making our plant the most visually appealing of any DOE facility rests with each individual person employed here. Each of us must take charge of returning materials to their appropriate locations, being responsible with regard to litter, and continuing to look for ways in which we could improve."



The Shift Safety Award changed hands again, as the employees of "C" Shift received the award for their past year's performance. Present to receive the award from Ralph Donnelly (center) were John Delabar, shift superintendent; John Cannon, OCAW's "C" shift safety representative; Gary Coriell, OCAW union safety representative; and Randy Schobelock, UPGWA union safety representative. Each shift employee received an umbrella as a safety program incentive prize.

For the 11th time "C" shift receives safety award

The employees of "C" Shift are the most recent winners of the plant's Shift Safety Award.

They were honored for their 1986 safety performance in special luncheons July 23 and 24.

James P. Spriggs, supervisor, Safety Department, praised each member of the shift for contributing to the award. The plant's recordable injury incident rate was .81 for the year, Spriggs noted. "And to date, our low rate could lead to the best year ever,"

"We appreciate the dedication to safety by all plant employees," said Plant Manager Ralph Donnelly, "especially the efforts of both unions in support of the plant safety program."

LISK

(Continued from Page 1)

representative at Oak Ridge National Laboratory (ORNL).

This is the first in-house software developed at the Portsmouth site which has potential for use by the private sector.

Lisk has received no formal training in software development. His innovative idea now has created interest within the Engineering Division to produce a similar subroutine that will translate Farbcad to Autocad and enable 100 percent interfacing between the two systems.

Estimates of time savings of the use of CAD systems over traditional drawing by hand are two to three times for the initial design and five to 10 times for revisions. The translation program will help to further increase productivity in the creation of design drawings.

Three shifts — C, A and D — tied with excellent safety performances. The employees of "C" Shift received the award based on program procedures which revert ties back to past records.

The last time "C" Shift won the Shift Safety Award was in 1977, but they tied with "B" Shift in 1985, 1984, 1983, 1982 and 1980.

Since the onset of the Shift Safety Award in 1955, "C" Shift has been a winner in 11 different years and has tied in eight years.

"The fact that three shifts tied this year is noteworthy," Donnelly commented.

Union safety representatives are Gary Coriell, for OCAW Local 3-689, and Randy Schobelock, for UPGWA Local 66. The "C" Shift safety representative for OCAW is John Cannon. John Delabar is "C" Shift Superintendent.

The employees of "A" Shift have won the award five times, "B" Shift nine times, and "D" Shift nine times.

MARTIN MARIETTA

Energy Systems at Portsmouth

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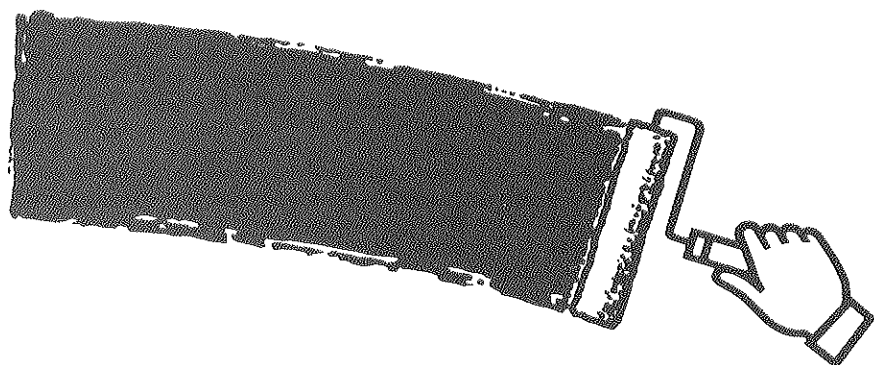
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Putting a new face on the Portsmouth Plant

Rebate and matching gifts forms available from Goodyear in Akron

Retirees of Goodyear Atomic Corporation (those who retired from the Portsmouth Gaseous Diffusion Plant prior to Nov. 16, 1986) can obtain forms for special programs of The Goodyear Tire & Rubber Company by writing directly to Goodyear in Akron.

The corporation's "Higher Education Gift Matching Program" forms, through which Goodyear matches eligible gifts to colleges and universities are available from the Office of the Assistant Secretary, The Goodyear Tire & Rubber Company, 1144 East Market Street, Akron, Ohio 44316 (Telephone 216-796-4028).

Martin Marietta's aid to education and arts programs are available for employees active status after Nov. 16, 1986. Martin Marietta retirees are not eligible to participate in its gift matching programs.

Tire rebate forms are available to Goodyear Atomic retirees (prior to Nov. 16, 1986) from Accounts Payable, Dept. 617, The Goodyear Tire & Rubber Company, 1144 East Market Street, Akron, Ohio 44316. To inquire about a tire rebate, call 216-796-2757. Employees on active status any time after Nov. 16, 1986, will be eligible for tire rebates through Dec. 31, 1987.

Laws becoming restrictive

Sidestream smoke unsafe

In the workplace, we agree that "second-hand" information proves damaging not only to employee morale, but also to the existence of an organization. "Second-hand" (or sidestream) smoke can be just as damaging.

Smokers have been willing to assume responsibility for the risks their habit poses to themselves, but maintained that it didn't affect the non-smokers around them. In 1986 the Surgeon General's office and National Academy of Sciences issued reports contradicting this belief.

Tobacco smoke is a very complex mixture of gases, liquids, and particles. There are hundreds of chemical compounds in tobacco, and hundreds more created as tobacco burns.

Some of the most hazardous compounds are tar, nicotine, carbon monoxide, ammonia, formaldehyde, cyanide and benzene. Any one of these compounds can assault the body and cause trouble. Together, these compounds magnify the dangers in smoking.

Even when a smoker inhales, a calculated two-thirds of the burning cigarette smoke goes into the environment. This figure is slightly higher for cigar and pipe smoke.

Tobacco smoke enters the atmosphere from two sources. Non-smokers encounter what is termed "sidestream" or "second-hand" smoke. Smokers inhale "mainstream" smoke. But non-smokers also inhale this "mainstream" smoke.

A cigarette smoker inhales and exhales mainstream smoke for a total of 24 seconds, but the cigarette burns for 12 minutes and pollutes the air continuously with "sidestream" smoke.

"Sidestream" smoke has higher concentrations of noxious compounds than the "mainstream" smoke inhaled by the smoker. Studies show that there is twice as much tar and nicotine in sidestream smoke compared to mainstream and three times as much of a compound called 3-4 benzopyrene, which is a suspected cancer-causing agent. There are five times as much carbon monoxide, which robs the blood of oxygen, and 50 times as much ammonia. Cadmium is more present during sidestream smoke; and once cadmium enters your lungs, it stays to damage the air sacs of the lungs, causing emphysema. The non-smoker is just as vulnerable to sore throats, headaches, lung cancer, heart disease, eye and nasal irritations, more frequent illnesses, infant mortality, and miscarriages as his or her smoking counterpart.

A recent Gallup Poll stated that nine out of 10 smokers want to quit and 75 percent feel they shouldn't "light up" around non-smokers. Corporations across the United States are implementing stricter smoking policies. Thirty-five states and the District of Columbia now have laws that limit smoking to help control tobacco sidestream. Some corporations such as the Noevir Company have a "No Smoking" policy. The policy began as a result of Corporate President Hiroshi Okura's being convinced that his firm's employees should stop smoking in the workplace to eliminate "second-hand" smoke. In 1978, he lost a friend.



Gill named coordinator of conference board

Michael L. Gill, Chemical Operator, has been hired as the coordinator of the Southern Ohio/Northern Kentucky Labor Management Conference Board, a voluntary partnership of labor representatives, business managers and civic leaders whose goal is to provide a positive image for the area through cooperative efforts and joint ventures. Employed at the Portsmouth plant for 14 years and an active member of OCAW Local 3-689, Gill received joint endorsement from both the union and the company for this position and is now on leave of absence. One new conference board sign is located on Route 23 just south of the Portsmouth Gaseous Diffusion Plant. Three more are planned for area highways. Pictured with the first sign (above) are Wendell Voss, Portsmouth Casting, management co-chairman; Steve Collins, Plumbers & Pipefitters Local 77, labor co-chairman; Mike Gill; Carol Wampler, CWA Local 4372, board member; and Cleve Jones, Martin Marietta's Superintendent, Labor Relations, and conference board member.

Lawrence award nominations due

Nominations for the 1988 Ernest Orlando Lawrence Memorial Award are due Sept. 30.

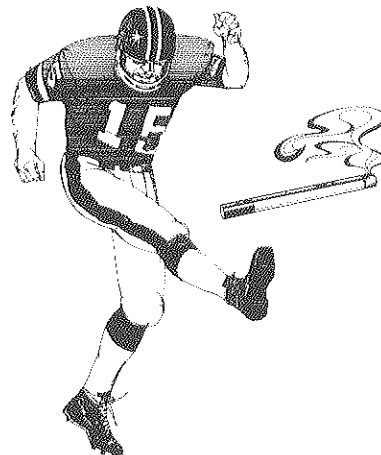
The award is granted by the U.S. Department of Energy in recognition of especially meritorious contributions to the development, use or control of atomic energy in areas of science related to atomic energy.

The categories of eligible fields are Chemistry, Life Sciences, Materials Research, National Security, Nuclear Technology and Physics.

Eligible candidates must be United States citizens, and early in their chosen careers, and show exceptional promise of future development.

A maximum of six awards are granted each year. Each consists of a citation, a gold medal, and \$10,000. Regulations and procedures, background, and a list of past recipients are available from Public Relations, X-100 Building, M/S 1118-A.

Nominations are to be submitted directly to the Department of Energy. Nominations are judged primarily on scientific and technical competence and achievement, with secondary weight given to managerial ability or innovative talents.



Kick the habit!

As part of our "Clean Air" campaign, an eight-day Breathe-Free Clinic has been scheduled to help employees give up smoking. The first of eight parts is Sept. 16, in the X-102 Cafeteria. The 16-hour clinic is conducted by the Seventh Day Adventist Church organization. It includes films, group sessions and counseling.

Retirees

Five Portsmouth plant employees retired effective Aug. 1, 1987.

Carl Bishop, Hamden, Foreman, Process Area (D-811), after more than 30 years of service.

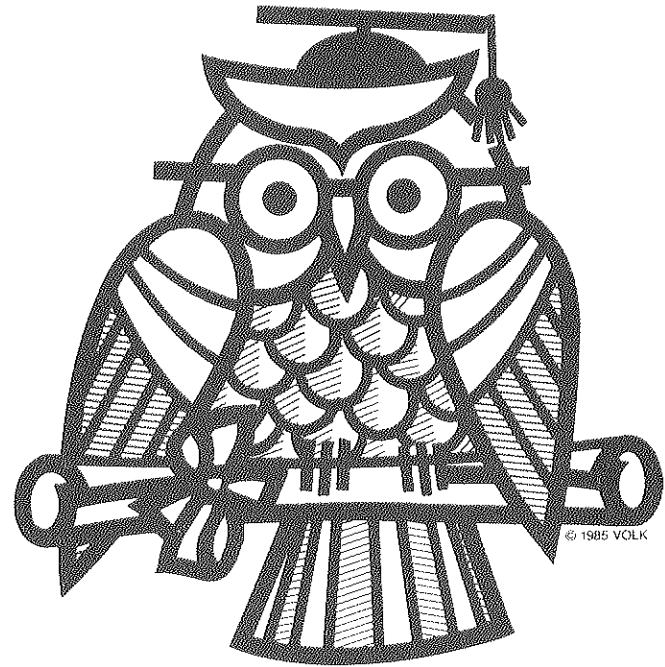
Robert L. Chandler, Minford, Quality Control Inspector I, after more than 10 years of service.

Maxie H. Knauff, Peebles, Foreman, Maintenance (D-727), after more than 26 years of service.

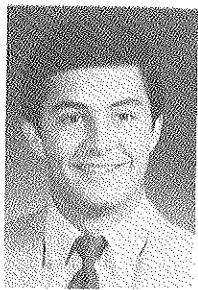
Johr C. Mercer, Portsmouth, Chemical Operator (D-214), after nearly 23 years of service.

Karl E. Murray, McDermott, Maintenance Mechanic 1/C (D-214), after more than 33 years of service.

Congratulations to the Class of 1987!



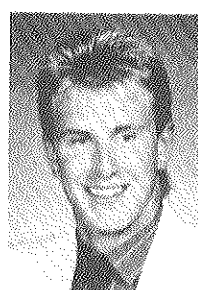
Beth Ann Baer
Waverly
M. W. Carrier, D-831



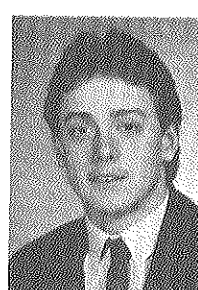
Todd William Boehm
Wheetersburg
M. P. Boehm, D-711



Ellen Michelle Boyd
Waverly
D. E. Boyd, D-522



John P. Brewer
Valley
F. C. Brewer, D-814



Craig A. Bruch
Notre Dame
F. J. Bruch, D-726



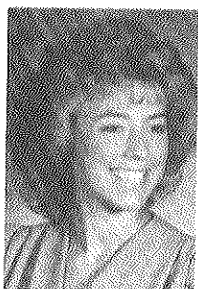
Barbara Collins
Portsmouth West
W. E. Collins, D-726



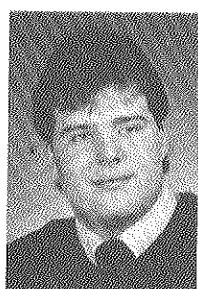
Carolyn Daulton
Portsmouth West
D. E. Daulton, (D-825)



Daniel Lewis Deacon
Waverly
L. E. Deacon, D-532



Penny Frasher
Northwest
R. A. Frasher, D-711



Todd S. French
Waverly
W. L. French, D-611



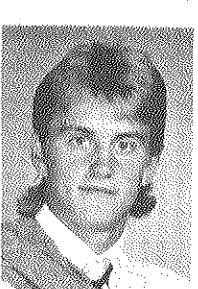
Stephen A. Fyffe
Waverly
R. Fyffe, D-951



Mark Galloway
Pike County JVS
J. R. Galloway, D-832



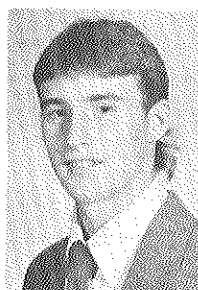
Jennifer L. Gatrell
Pikeeton
R. R. Gatrell, D-814



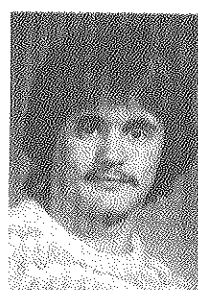
Ronnie Goodson
Minford
J. L. Goodson, D-911



Kimberly J. Graves
Waverly
D. A. Hupp, D-910



Thomas Devon Griffiths
Jackson
B. J. Griffiths, D-910



Charles Jeremy Harley
Jackson
C. F. Harley, D-710



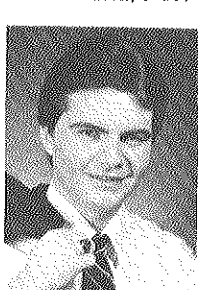
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Scioto County JVS
W. D. Hehl, D-832



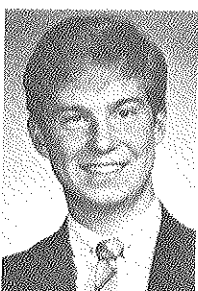
Michael Shane Hopper
Pikeeton
J. D. Hopper, D-728



Sonya Sue Howell
Portsmouth West
G. W. Howell, D-911



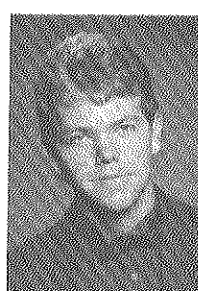
Johnny Levi Keller
Eastern
J. S. Keller, D-753



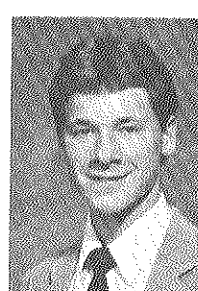
Matthew T. Lawson
Northwest
W. L. Lawson, D-453



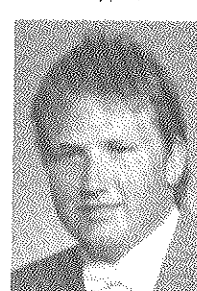
Kelli D. LeGrand
Oak Hill
D. D. LeGrand, D-476



Lee Eric Lemmon
Chillicothe
W. J. Lemmon, D-801



Allen Malone
Jackson
B. A. Malone, D-726



Thomas Allen Martin, Jr.
Minford
T. A. Martin, D-832



David Lawrence McCartney
Jackson
L. E. McCartney, D-951



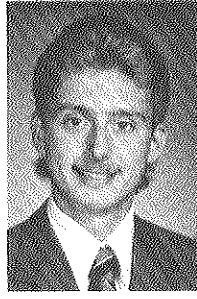
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C. S. McKenzie, D-452



Gerald D. Moon
Greenfield McClain
G. W. Moon, D-711



Deidra Mae Mustard
Waverly
G. L. Mustard, D-521



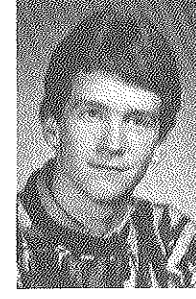
Paul Michael Nance
Piketon
R. M. Nance, Retiree



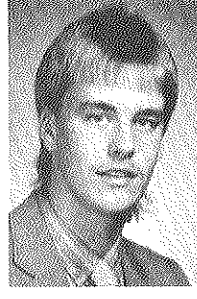
Lynn Nelson
Northwest
J. C. Whitt, D-911



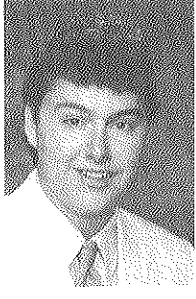
Kathryn Marie Nolfi
Wheelerburg
R. M. Nolfi, D-740



Patrick J. O'Connor
Waverly
J. M. Galford, D-212



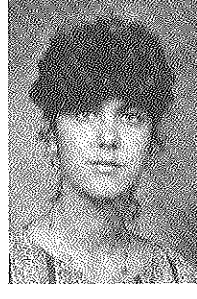
Jeromy Douglas Riggs
Northwest
D. D. Riggs, D-511



Tony Ritter
Waverly
W. L. Bridwell, Retiree



Krista Lynne Scott
Eastern
B. R. Scott, D-725
B. S. Scott, D-212



Mary Lynn Seymour
Chillicothe
R. W. Jordan, D-701



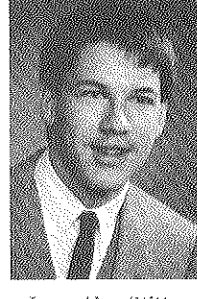
Terri Renee Shook
Jackson
C. E. Shook, D-332



Carl Brian Short
Northwest
B. W. Short, D-512



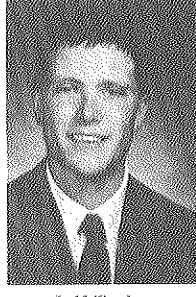
Penny C. Speakman
Jackson
V. Speakman, D-914



Jerry Alan Stitt
Chillicothe
D. R. Stitt, D-321



Mary Lea Stump
Greenup County
W. W. Stump, Retiree



Jeff Taylor
Valley
J. J. Taylor, D-479



Deanna Robin Tomlison
Eastern
B. E. Tomlison, D-753



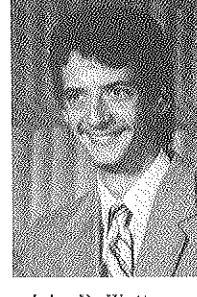
Christopher Robin VanMeter
Minford
C. J. VanMeter, D-501



Maria Elena VanMeter
Minford
C. J. VanMeter, D-501



James Michael Wallace
Minford
J. M. Wallace, D-832



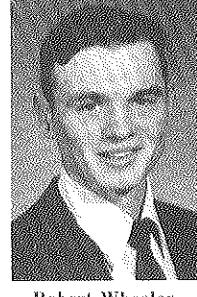
John E. Watters
Minford
N. R. Watters, D-711



Randall Wheeler
Minford
D. W. Murphy, D-811



Richard Wheeler
Minford
D. W. Murphy, D-811



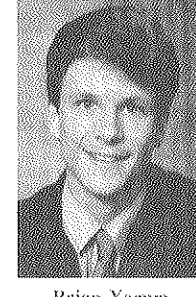
Robert Wheeler
Minford
D. W. Murphy, D-811



Terri Wimer
Jackson
R. Wimer, Jr., D-713



Amy Sue Woodrum
Portsmouth
C. D. Woodrum, D-505



Brian Yocum
Waverly
J. L. Yocum, D-070

College Graduates



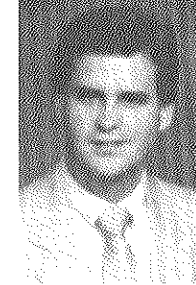
Michael Edelmann
University of Dayton
P. F. Edelmann, D-101



Cynthia Ellen Barth
Univ. Southern Calif.
L. R. Jones, D-726



Cathy Black
Rio Grande College
D. A. Black, D-812



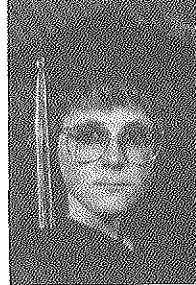
Douglas W. Bloss
Ohio State University
W. J. Bloss, D-951



Beth Boyer
Ohio State University
C. F. Boyer, D-512



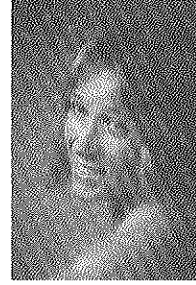
Susan Carol Coburn
Ohio University.
J. E. Harshman, D-401



Brenda S. Conkel
Ohio University
F. R. Conkel, D-742



Teresa G. Crabtree
Shawnee State University
J. H. Crabtree, D-102



Kimberly Lockhart
Rio Grande College
R. A. Davis, D-812



Pamela Cutlip Minor
Ohio University
O. B. Cutlip, Retiree



Lori Vulgamore
Rio Grande College
N. J. Vulgamore, D-902



C. Stanley Willis, II
Ohio Northern University
C. S. Willis, D-632

Fire safety judgment critical in college dormitory setting

As the sons and daughters of Martin Marietta Energy Systems employees enter college this fall, the possibilities seem exciting and limitless. Independent living — the full spectrum of adult life — available in all its richness, at last!

But with adult living comes adult responsibilities — not the least of which is the students' responsibility to protect themselves and their college friends from fire.

Here are some of the most common fire hazards encountered in student

life — and how the fire-wise student reduces the risks.

Smoking. If you must smoke — or if your friends smoke — make sure it is done sensibly. Even on a student budget, you can afford a heavy ashtray with a deep lip. Use it to keep smoking materials where they belong. Never use a paper or plastic cup as an ashtray. Dispose of butts and ashes in the toilet, never in the wastebaskets. And lay off cigarettes at parties and all-night study sessions. The risk of falling asleep while smoking is too great. Better yet, don't smoke at all.

Cooking in Rooms. Heating coils and hot plates can easily ignite books, papers, records, drapes and furniture — especially if left unattended. Kitchens are designed for safe cooking — dormitory rooms are not.

Pranks. There's no excuse for "playing" with hoses and extinguishers. If students destroy fire hoses or deplete extinguishers, they'll be helpless if a fire starts. It is dangerous to turn in false alarms or set "prank" fires, which can get out of control and cause death and destruction. Responding fire departments could be involved in a traffic accident. Students may be injured escaping hurriedly from the dorms. Firemen may be needed elsewhere, for real.



Decorations. Unfortunately, most of the decorations a student can afford — posters, fish netting, crepe paper and Christmas trees — will burn. Don't put a poster on your door. It could ignite in a fire, blocking your escape. Burning wall or ceiling decorations may fall on you or contribute to the spread of fire. It is not difficult to find fire resistant decorations. Be sure those you have are positioned where they can't block escape routes. Ask your dormitory administrators about safety policies and restrictions.

Candles should not be used in dorm rooms. If they are used, they should be in, or on, a non-combustible container placed at least 24 inches away from combustible materials.

For most students, college is a growing experience. "Adult" students take responsibility for keeping themselves and their friends safe from fire.



Portsmouth crews continue working to repackage almost 200,000 drums of lithium hydroxide powder in storage at the plant. Deterioration of the cardboard containers holding the compound led to the project which involves placing the old containers inside a plastic liner and a new steel drum.

Progressions and Promotions

Robert M. Litten, from Reproduction Operator, Engineering Records (D-452) to Technical Assistant I (D-102).

David D. Mullins, from Technical Assistant II to Technical Assistant III (D-513).

Candace S. Dade, from Engineering Data Control Clerk I (D-452) to Clerk III (D-221).

Janice E. Stanley, from Clerk I (D-103) to Clerk II (D-802).

James D. Tomlin, from Technical Assistant III (D-511) to Environmental Surveyor III (D-103).

Clifford Mowery, from Environmental Surveyor I to IHHP Instrument Technician (D-102).

William S. Terry, from Technical Assistant I to IHHP Technician (D-102).

Linda M. Smith, from Environmental Surveyor I to IHHP Technician (D-102).

Harold R. Mains, from Technical Assistant II to Technical Assistant III (D-513).

Warren J. Yerian, from Engineering Technologist, Staff, to Engineering Technologist, Sr. (D-623).

Paula A. Hickman, from Administrative Specialist to Benefit Specialist, Sr. (D-476).

Debra S. Brown, from Administrative Analyst to Benefit Specialist (D-476).

Allan H. Jefferies Jr., from Health Physicist, Staff (D-102) to Engineer, Staff (D-504).

Jane Johnson, from Secretary II (D-510) to Administrative Specialist (D-022).

Richard A. Strange, from Engineer II to Engineer, Staff (D-103).

Lithium repackaging midpoint surpassed by plant work crews

Crews at the Portsmouth Gaseous Diffusion Plant reached a major milestone in the lithium hydroxide repackaging project July 22 as the total reached 100,000 drums. The project was in its 16th month.

There were approximately 200,000 barrels of the compound in storage at the Portsmouth Plant to be repackaged to ensure long-term storage and to prevent its accidental release to the environment. Many plant divisions are working together to complete the repackaging project by July 1988.

A total of 103,000 96-gallon drums, 26,000 78-gallon drums, 46,500 wooden pallets, and 153,000 8-mil plastic bags have been procured at a cost of \$4,865,400. All procurement has been with small businesses, some in labor surplus areas. Many of these contracts have been with local small or small disadvantaged businesses.

The lithium hydroxide was left over from a production process conducted during the 1955-63 period at Y-12.

Company and DOE environmental officials had become concerned that

deterioration of the cardboard containers holding the lithium hydroxide powder might result in release of material to the environment. The repackaging program involves covering each of the original cardboard drums, averaging 400 pounds each, with a thick plastic wrapper and placing it inside either a 96-gallon or 78-gallon steel drum overpack.

Lithium hydroxide is a marketable product and used industrially to manufacture lubricating greases, for ceramics and batteries, and for medicinal uses. In addition to environmental considerations, the repackaging is expected to help protect the lithium from further deterioration and therefore protect its value.

Obituaries

Paul E. Neff, 66, Chillicothe, July 28. Neff was a Carpenter at the time of his retirement in September 1980. He is survived by his wife, Jane, and son, Robert (D-727).

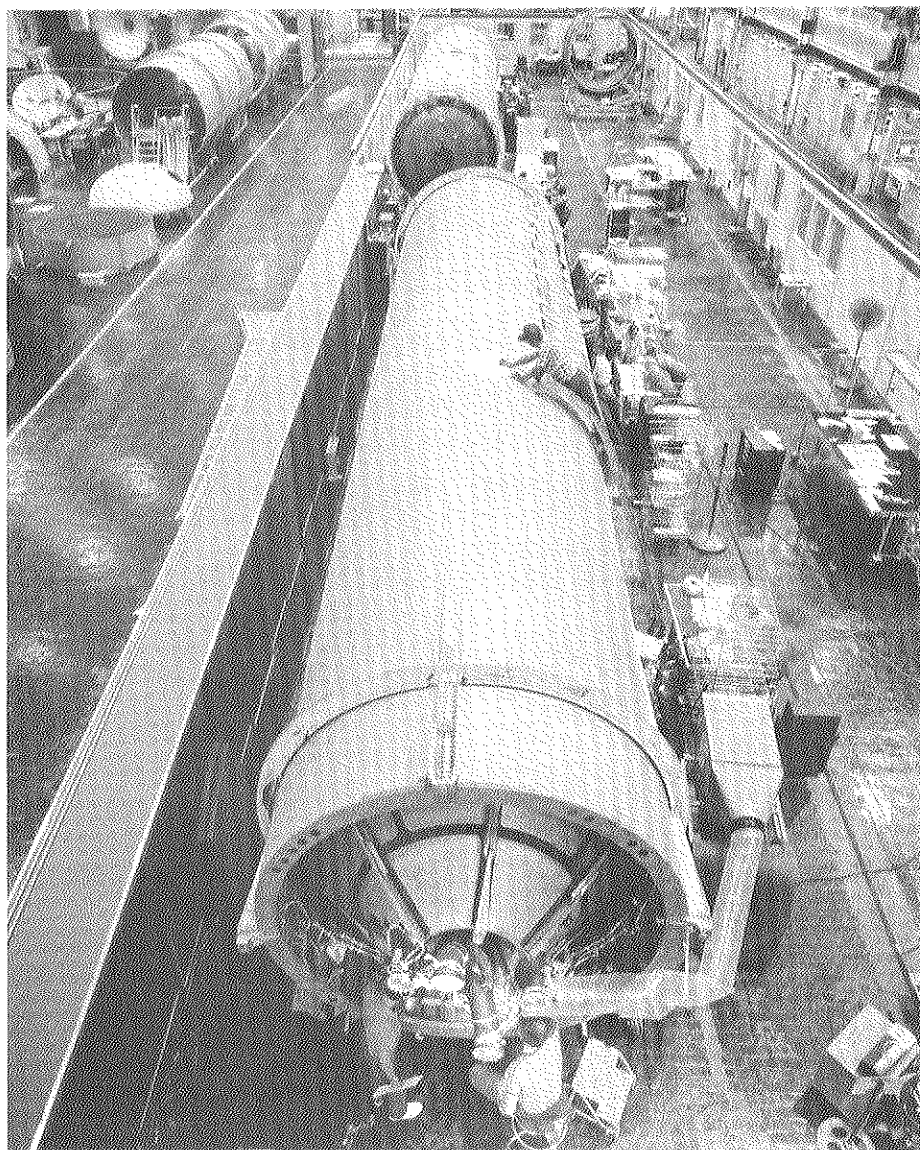
SERVICE MILESTONES

Bonnie L. Grow and William C. Flannery reach the 30-year service milestone in September.

Douglas D. McCann began work at the Portsmouth plant 20 years ago, in September 1967.

Five employees reach the 15-year mark. They are Mark W. Long, Donald R. Boggs, Lorel J. Highland, James L. McNelly and Lewis E. Deacon.

Employees with 10 years of service are Alberta J. Hammond, Clyde W. Willis, Danny R. Waulk, Kimberly E. Hawkins, Beverly J. Griffiths, Cheryl A. Rader, Carolyn F. Boyer, Frances C. Dalosi and Jerri D. Goolsby.



Martin Marietta personnel prepare the first Titan II space launch vehicle for "rollout" in its Denver manufacturing facility where the vehicle was produced. The company has an Air Force contract to refurbish and modify this and seven other decommissioned Titan II missiles for use as launch vehicles, with an option for five more. This vehicle will be shipped to Vandenberg Air Force Base, California, for the launch of a military satellite.

Corporate dividend increases

Directors of Martin Marietta Corporation July 23 raised the quarterly dividend on Martin Marietta common stock 2½ cents, from 25 to 27½ cents per share, or 10 cents per share on an annualized basis.

Thomas G. Pownall, chairman and chief executive officer, said, "Martin Marietta's recent high level of investment in new business activity encourages us to anticipate future im-

proved results that make appropriate this additional return on our shareholders' investment."

Payment at the new annualized rate of \$1.10 will be made on September 30 to holders of record at the close of business on September 8. The last prior increase in the Martin Marietta quarterly dividend was from 22½ cents to 25 cents a share in the second quarter of 1985.



Martin makes launch vehicles from decommissioned missiles

The first Titan II space launch vehicle to be fashioned from a decommissioned intercontinental ballistic missile (ICBM) was rolled out Aug. 3 by Martin Marietta Corporation at a ceremony attended by Secretary of the Air Force Edward C. "Pete" Aldridge, Jr. Other senior Air Force officials and state and local officials also attended.

The Titan II ICBM, from which the expendable launch vehicle was remodeled, was originally produced more than 25 years ago and was returned to Denver in March 1986. The new, low-cost Titan II launch vehicle will be shipped this month to Vandenberg Air Force Base, California, for the launch of a military satellite as early as April 1988.

"The Air Force has taken a valuable national resource and recycled it for a new use, resulting in a real savings for American taxpayers," said Peter B. Teets, president of Martin Marietta Astronautics Group.

Martin Marietta converted the ICBM to a space launch vehicle under an Air Force contract awarded in January 1986. The contract with Martin Marietta Space Launch Systems calls for conversion of eight Titan IIs, with an option for five more. The contract runs through September 1995.

The Titan II space launch vehicle consists of two stages, a 10-foot-diameter payload fairing that houses the satellite and a payload adapter that secures the satellite inside. It is

capable of lifting 4,800 pounds into a 100-nautical-mile circular orbit.

Changes to the ICBM so that it could be used as a launch vehicle involved addition of the payload fairing and adapter, and modification of the forward skirt to mate with the fairing and adapter. The entire process took 16 months for the first vehicle, but it is expected to take only about 12 months to convert each of the remaining seven vehicles.

Martin Marietta built 153 Titan ICBMs. Once the mainstay of America's nuclear deterrent force for the Air Force, a manned version of the Titan II known as the Gemini-Titan Launch vehicle placed 10 pairs of astronauts in orbit in the National Aeronautics and Space Administration's Gemini program in the mid-1960s.

The Air Force began phasing out the Titan II ICBM system in July 1982, taking the missiles out of underground silos in Arizona, Kansas, and Arkansas. On June 23, 1987, the last missile was removed from its silo at Little Rock Air Force Base, Arkansas.

Deactivated missiles not yet committed as launch vehicles are in storage at Norton Air Force Base, California.

New Arrivals

Daughter, Whitney Nicole, July 22, to Damon (D-814) and Deborah (D-521) Detillion.



Police team wins Portsmouth fitness challenge

A team made up of Martin Marietta's police department personnel was the victor in competition with four other teams from local organizations Aug. 1 at the 1st Annual "Corporate Fitness Challenge" sponsored by the Mercy Hospital LIFE Center. The challenge consisted of five events including a stationary cycle relay, rowing relay, 1600-meter relay, basketball shoot, and an obstacle course. The Martin Marietta team won three of the five events, and received the Kenneth H. Cooper Corporate Fitness Award, which will be displayed at the LIFE Center. Team members were Ed Knapp, Ron Conkel, Cathy Conkel, Vicki Stone, Steve Adams, Doug Adkins, Rich Parker and Ken Captain.

FITNESS FUN RUN OCTOBER 3



Race Location: Perimeter Road

Get your running shoes out of the closet.

The Employee Activities Committee (EAC) is sponsoring a 5K "Fitness Fun Run" Saturday, Oct. 3, beginning at 9 a.m. The race is open to all employees, spouses and children.

The run will begin at the former DOE Administration Building (XT-800), race chairman Connie Eckhart announced. The EAC also is sponsoring a non-competitive 5K walk and a one-mile run.

Each participant will receive a commemorative T-shirt, Eckhart added. Timers will be stationed at each mile, where liquid refreshments also will be available.

The 5K run will be an officially measured run on a portion of the perimeter road. There will be 10-12 age groups for men and women. The first two male and female overall finishers will receive special prizes. In addition, awards will be presented to the top two runners in each age group.

Shirts, refreshments and prizes are being furnished by the Employee Activities Committee.

"The EAC hopes the Fitness Fun Run will be an annual event," noted John Gedeon, committee coordinator. "We feel that race day will be an opportunity for employees and their families to get some exercise while participating in a fun event on a picturesque fall day."

Registration information will be confirmed during September on plantsite bulletin boards and in the electronic daily newsletter. Participants must pre-register to assure receiving a T-shirt. A race packet will be provided to each registrant.

Race committee members are Eckhart, Gedeon, Ron Mount (UPGWA), Barry Carlson (D-313) and Shirley Walter (D-310). An additional 30 employees are needed to serve as timers, starters, servers, registrars and in other capacities. Those interested in helping should contact one of the committee members.

RECREATION CORNER

★ *Steve Battle is the 1987 company golf champion. The competition was completed Aug. 15 at the Chillicothe Jaycees Golf Course. First round activity was Aug. 8 at the Shawnee Golf Course southwest of Portsmouth. Runner-up was E. V. Clarke. First, second, third and fourth flight winners were Bill Bloss, Lou Bickett, Tom Hester and Bill Konanz, respectively. Skill prize winners at Shawnee were Don McCarty, John Sanders, Gary Pinkerman, L. Jones, Rick Mains and Bickett. The golf championship is a function of the Employee Activities Committee. Russ Johns was tournament director.*

★ *Chemical Operations won the 1987 company softball tournament Aug. 22 at Jake's Park in Waverly. The "A" Shift team, with Norb Vulgamore as manager, finished second. Winning team members were Phil Moore, Ron Crabtree, Roger Cosby, Steve Reinhardt, Gary Coriell, Bryant Lybrook, Rusty Cosby, Mark Conkel, Mike Hensley, Jeff Woodard, Greg Johnson and Kevin Ragland. Rusty Cosby was tournament director. Scorekeepers were Russ Johns, Butch Fouch and Mrs. Keith Banks.*

New contest announced Portsmouth museum exhibition features employee photographs

Photographs from past Portsmouth Gaseous Diffusion Plant employee photo contests will be on display in the "Community Gallery" at the Southern Ohio Museum and Cultural Center (SOMACC) in Portsmouth through the end of September.

A total of 15 photos are being exhibited.

The Community Gallery is dedicated to the talents of local artists. Its exhibits change monthly.

The center is open Tuesday through Friday from 11 a.m. until 5 p.m. and on weekends from 1 p.m. until 5 p.m. It is closed on Mondays.

The Portsmouth Plant's primary objective for photo contests is to enhance the appearance of plantsite. As with past contests, a plant committee selected the 15 photos for this display.

Present or past employees whose photographs are on display in SOM-

ACC are C. D. Gross, K. C. Lisk, S. C. Bates, R. E. Mount, M. J. Pelfrey, M. L. Johnson, E. E. Flinders, M. A. Sampson, L. L. Clemmons, C. D. Woodrum, J. A. Wyskiver, B. N. Barnes, E. T. Brackey, C. E. Stambaugh Jr., and D. L. Riepenhoff.

Entries for the 1987 plant photography contest are due November 1. The category is "A View from My Back Door" and subjects could include natural landscapes, clouds and skies, weather conditions, trees and forests, plants and wild animals.

The contest is open to all employees and retirees of the Portsmouth plant.

First place will receive a \$100 savings bond. Second place a \$75 savings bond, while a \$50 savings bond goes to third place.

Prints with negatives or slides will be accepted. Entries must be submitted to the Public Relations office, X-100 Building, Mail Stop 1118-A.

Program combines succession plans, personnel review

The immediate concentration of a new Employee Systems Effectiveness program at the Portsmouth Gaseous Diffusion Plant is to enhance the Management Succession Planning, Continuity, and Development Program, and to thoroughly analyze the strengths and weaknesses of the Employee Performance Planning, Review, and Appraisal Program.

A Succession Planning Program has been developed with the first Management Committee meeting completed July 17. In accordance with the data presented at each meeting, each Division Manager has been working to identify "key positions" and develop management back-up charts for those positions. The schedule called for completion of those charts by Sept. 1, 1987.

The current Performance Planning Review (PPR) Program was modified to address concerns of employees and management. Performance evaluations for all salaried employees were scheduled to be completed by July 31. Comments about program revisions to date have been positive. At Oak Ridge, Martin Marietta is in the process of revising the entire PPR used at all other Energy Systems locations. Portsmouth will evaluate this program for 1988 PPR evaluations.

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