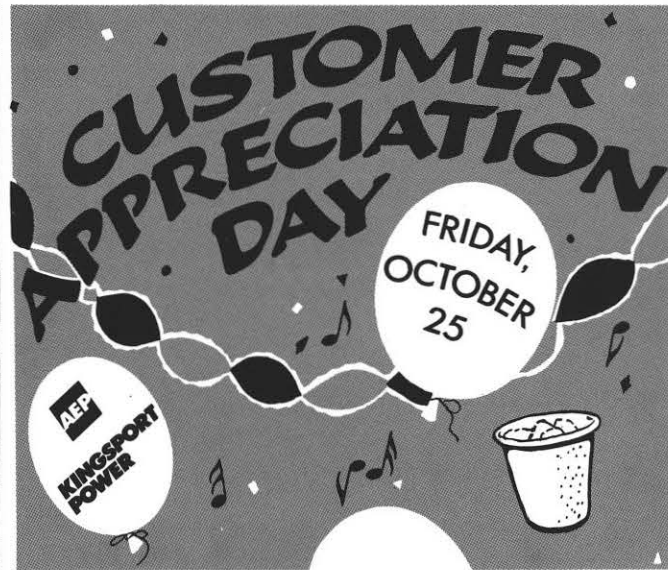
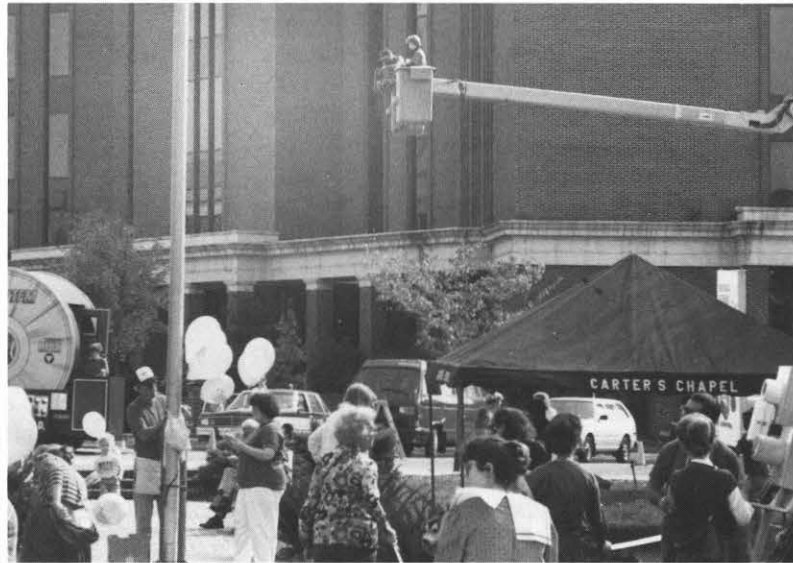


ILLUMINATOR

November 1991



APCo, KPCo again sponsor Neighbor programs

Appalachian Power and Kingsport Power Companies again this year are sponsoring Neighbor-to-Neighbor programs to help people in crisis situations pay their winter electric bills.

Appalachian shareowners will match customer contributions up to \$37,500 each in Virginia and West Virginia. As in previous years, the disbursement of funds will be administered by the Virginia Department of Social Services and the West Virginia Department of Health and Human Resources-Office of Human Resources, which also determine eligibility of the recipients.

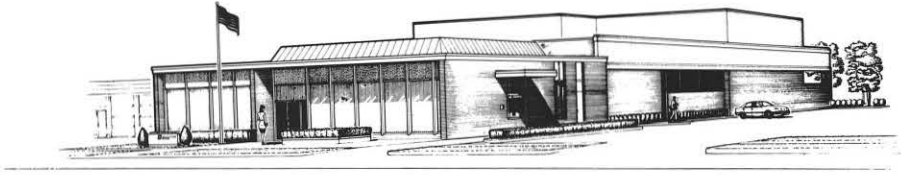
Kingsport Power shareowners will match contributions up to \$2,500. The Kingsport Area Hawkins County Chapter of the American Red Cross will determine the eligibility of those who receive energy assistance, and the Kingsport Community Ministry will disburse the funds. The power companies and the service agencies share the administrative costs of the program so that all funds go directly to help those in need.

Brochures describing the Neighbor-to-Neighbor program will be inserted in customers' electric bills from November through February.

Over the past nine years, more than \$1.8 million has been raised through this program to help 31,005 families in Appalachian's service area. Kingsport Power's Neighbor program has helped 1,123 Tennessee families by donations of \$104,500 in five years.

As in the past, Deloitte & Touche has volunteered its services to audit the Neighbor-to-Neighbor programs at their completion. □

St. Albans office to be enlarged



Construction began last month on the renovation and expansion of Appalachian Power's St. Albans, West Virginia, office. The \$2.2 million improvement, incorporating a 14,000 square foot brick and masonry addition for office, shop, and storeroom space, will extend onto a half acre of adjoining property acquired over the past five years. Construction is expected to be completed within a year. In the interim, the Customer Services Department is located in temporary quarters at 600 Fifth Avenue, St. Albans.

AEP proposes \$6.5 million investment in energy-efficient lighting technology

American Electric Power announced last month it is proposing to invest \$6.5 million in Intersource Technologies, Inc., a San Jose, California company now designing and testing energy-efficient light bulbs.

The light bulb research and development project is part of AEP's customer-oriented energy management program which seeks to conserve energy resources and save customers money.

The new technology will save up to 75 percent of the energy required by a normal light bulb. Two prototype bulbs will be tested, one for industrial applications and one for residential use.

"Our investment will allow the engineering and design to be completed on these new light bulbs. This will help utilize our existing facilities even more efficiently," said Richard E. Disbrow, AEP president and chief executive officer. "Their superiority over standard incandescent bulbs and other energy-efficient light bulbs could make them a strong segment of our demand-side management efforts."

Lighting consumes 25 percent of all electricity generated in the U. S., which is why AEP chose to increase the effectiveness and electrical efficiency of lighting systems.

AEP will form a new company — AEP Investments, Inc. — to invest in Intersource Technologies, which owns the

licenses on the new products. Laboratory research and development work is being conducted on behalf of Intersource by Diablo Research Corporation of Sunnyvale, California. □

Preliminary work for scrubbers begins at Gavin

In order to hold open the scrubber option at Ohio Power Company's Gavin Plant as a means to comply with the Clean Air Act amendments, preliminary construction work began last month to prepare the site for possible addition of a flue gas desulfurization (FGD) system, commonly called scrubbers.

AEP officials cautioned that the decision whether to install the FGD system or switch to low sulfur coal to meet the clean air standards has not yet been made. The company also announced recently that low sulfur coal contract bids have been extended until November 15.

If scrubbers are ultimately constructed, they could not be completed on schedule unless these activities were carried out this fall. □

Last year for Savings Plan PPD

Participants in the AEP System Employees Savings Plan during 1988 are eligible for this year's Periodic Partial Distribution (PPD) being held in November. During this month, employees may elect to withdraw a portion of the funds in their accounts. As in past years, distribution of the funds will take place in February.

Participants are reminded that, due to changes made to the plan's vesting rules, this is the last year they will have an opportunity to take a PPD.

The current distribution provision gives participants the opportunity to take out their 1988 contributions (other than tax-deferred contributions and the earnings on them), as well as all the company's contributions that were made during 1988, plus the earnings on such contributions through the current year. Employees not wishing to withdraw the entire amount will be able to specify the amount they wish to receive, with a minimum withdrawal of \$300.

In some cases, the partial distribution may be subject to income tax. Also, federal laws may subject any taxable amount to an additional 10 percent federal income tax.

To be eligible for this year's PPD, an employee must have been a participant in the savings plan at some time during 1988. To make a withdrawal, an employee must notify the Human Resources Department and complete an election form during November.

The withdrawal is voluntary and carries no penalty. But a decision to withdraw, once made, is irrevocable and funds withdrawn cannot be reinvested in the savings plan.

The PPD provision is explained in the AEP System Employees Savings Plan booklet in the Protection Program handbook. Employee questions should be directed to the Human Resources Department. □

Chairman's award



General Office Hydro has received the Chairman's Safety Award for completing five years without a disabling injury. The 69 Hydro employees have recorded more than 630,000 workhours during that five-year span. Employees and their guests were treated to dinner in recognition of the milestone. At the dinner for West Virginia employees, the award was presented to Jack Jarrett, Kanawha Valley Power hydro plant supervisor (left) by Bruce Bennett, assistant vice president-civil engineering for the AEP Service Corporation.

Aetna introduces new benefits explanation form

Beginning December 1, 1991, employees who file a health care claim with Aetna will receive an Explanation of Benefits statement in a new format. The new format provides clear, concise information on how the claim was processed.

The statement includes a special plan information box summarizing deductibles and shows total benefits paid. There is also a customer service box with information on who, when and where to call or write if an employee has questions.

The back of the new statement features a tear-off section that is an abbreviated benefit request transmittal form for the next claim submission. After an employee or covered family member submits a benefits request form, the simplified claim submission form can be used for subsequent claims filed in the same calendar year. □

Dependent Care Assistance Plan enrollment set for November

During November all full-time employees are eligible for enrollment in the Dependent Care Assistance Plan for calendar year 1992.

The Dependent Care Assistance Plan enables employees to voluntarily direct part of their pay, on a pre-tax basis, into a special spending account and to subsequently receive non-taxable reimbursements for certain work-related dependent care expenses.

Enrollment cards and worksheets that can be used to estimate dependent care expenses are available in your local Human Resources Department. Employees who participated in the plan in 1991 and who wish to continue in 1992, as well as those employees who wish to participate for the first time in 1992, must complete an enrollment

card on or before November 27, 1991. □

Two GO T&D Sections renamed

Two sections in Appalachian Power's General Office T&D Department had their names changed recently. The Meter Section has been renamed GO T&D Measurements, and the Communications Section has been renamed GO T&D Telecommunications.

The change follows the trend of the other AEP operating companies and is indicative of additional activities in which the sections are now involved. □

Systemwide auditing program tracks

American Electric Power has added an enhanced, internal, Systemwide environmental auditing program to its array of environmental tools.

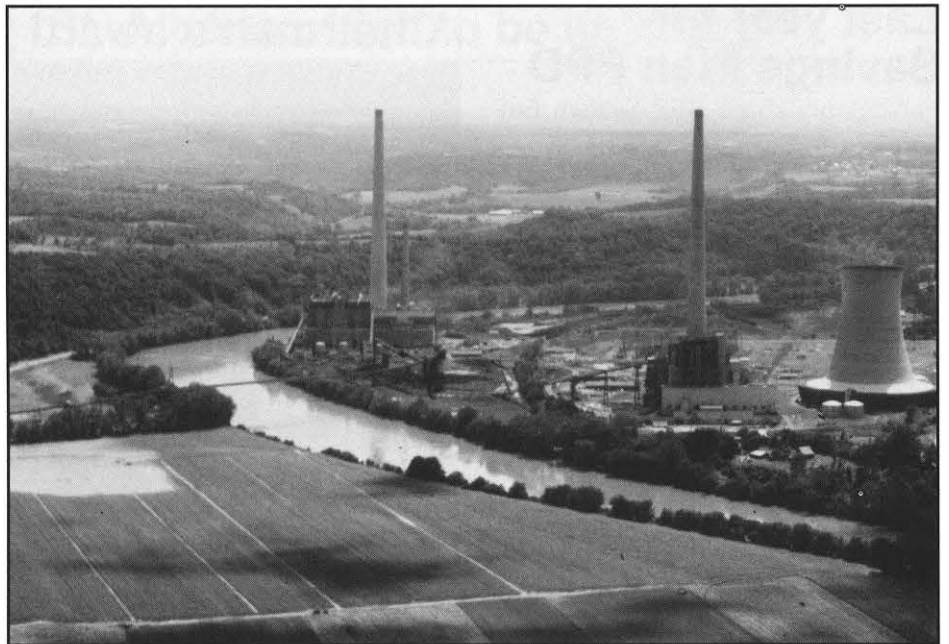
The new program will periodically analyze procedures for ensuring environmental compliance and evaluate the performance of employees responsible for meeting environmental requirements at AEP's power plants and coal mines.

"My overriding objective for this program is to make certain that we are doing everything possible to successfully meet our environmental obligations," said President and Chief Executive Officer Richard E. Disbrow in a September memo to operating company presidents, outlining the program.

"The challenges we face in this area are growing more complex and demanding," he said. "Laws are becoming more restrictive, and regulators are exercising greater scrutiny over corporate environmental programs. To avoid the imposition of criminal, civil or administrative penalties for non-compliance, we must ensure that clear, concise and well-documented procedures and practices are in place and functioning to the best of our abilities.

"Our employees deserve to work in a safe, healthy environment; the public expects that we will maintain and protect the natural ecosystems; government agencies demand that we meet the ever more stringent requirements of the law," Disbrow continued. "To meet our environmental obligations, we must satisfy our regulators, customers and neighbors; become thoroughly knowledgeable about all applicable federal, state and local rules; apply our proven ingenuity in devising innovative ways to meet or exceed environmental standards; and empower our managers and employees to make responsible decisions that protect the environment.

"The auditing program will be a valuable tool for assessing our existing capabilities and potential vulnerabilities," he said. "Not only will it help identify and correct environmental problems before violations can occur, it will also assist us in improving our job performance in this critical area of our operations."



Ohio Power's Muskingum River Plant is one of the first facilities scheduled for examination — to be completed by the end of this year.

Structural strength

The program is designed to meet its objectives while ensuring program integrity through independence from any one environmental function of the corporation. The three-tiered structure is outlined below:

Environmental Audit Oversight Committee: This committee, headed by Dale E. Heydlauff, vice president-environmental affairs, AEP Service Corporation, consists of a variety of environmental managers and directors from the Service Corporation and operating companies (see box on page 5). Its broad-based, interdisciplinary representation provides the range of expertise needed for a successful audit program. It also sustains program objectivity by using individuals who have separate reporting responsibilities.

The committee is responsible for defining the procedures for performance and evaluation of the audits. It also develops the audit scope, based on an assessment of areas presenting potential risk to the natural ecosystem or human health, and the environmental and operating conditions existing at the facilities to be audited. Each audit's focus will vary, depending on the specific characteristics and past history of the identified plants and coal mines

and the results of prior audits.

Audit results will be communicated to senior management at the operating companies and the Service Corporation.

Environmental Audit Program (EAP) Manager: The person filling this newly created position will report to Heydlauff and will be responsible for:

- the selection and training of auditors
- the development of an annual audit schedule
- the conduct and evaluation of the audits
- the delivery of audit results to the Environmental Audit Oversight Committee and the operating company or Fuel Supply environmental managers
- the follow-up review of recommended audit actions to ensure that the recommendations are completed and
- informing the Oversight Committee about all aspects of the audit program.

Environmental Audit Team: Audit teams will be formed for each audit using representatives from the Service Corporation's Environmental Engineering, Legal and Fuel Supply departments; operating company environmental affairs departments; and plant or mine environmental coordinators. Individuals who have specific respon-

environmental progress

sibility for any aspect of environmental management at the identified plant or mine will not participate on that audit team. The team will be selected based on the nature of the assessment to be performed at the identified facility, so that individuals with associated expertise are used.

A team leader will be selected for each audit. This individual will be responsible for the conduct of that particular audit, development of the preliminary and final audit reports and dissemination of the results.

The initial audit team will be trained by Service Corporation's Quality Assurance and Internal Auditing departments prior to performing the first audit. Those team members in turn will help train future auditors. Conceptually, everyone involved in environmental management across the AEP System will at some time be called upon to serve on an audit team.

Initiating auditing

To efficiently target the company's activities and resources, the auditing program will begin with an assessment of the perceived risks at each facility. As a result, each audit could possibly examine different environmental issues, ranging from control of sulfur dioxide emissions to filing of water-quality reports.

(Ohio Power Company's Muskingum River Plant and Southern Ohio Coal Company's Meigs No. 2 Mine are the first facilities scheduled for examination — to be completed by the end of this year.)

To perform each audit, the EAP manager will select and train auditors based on their expertise and experience in the areas identified by the risk assessment. The EAP manager will draw prospective auditors from the broad field of individuals involved in environmental program management across the AEP System. It is anticipated that the audit teams will comprise different individuals for each audit.

The focus of the audits will be on the process aspects of ensuring environmental compliance. In that regard, auditors will examine the extent to which facility employees who are responsible for environmental compliance under-

stand applicable requirements, and how job performance can be improved.

"This is not a police action," Disbrow said of the program. "We will approach this task with the goal of providing positive reinforcement and constructive criticism for improving job performance."

When issues are identified, the auditors will share information with plant or mine personnel and will assist them in developing appropriate responses. As such, the environmental auditing program will be a quality-control process, aimed at improving the effectiveness of environmental management by veri-

Environmental audit oversight committee

The newly formed AEP System Environmental Audit Oversight Committee consists of:

- Chairman Dale E. Heydlauff, vice president-environmental affairs, AEP Service Corporation
- Anthony J. Ahern, manager, environmental and technical assessment, AEP Service Corporation
- Thomas E. Webb, manager, environmental engineering, AEP Service Corporation
- William C. Bosworth, manager, environmental engineering, Fuel Supply
- Russell Coburn*, director, environmental affairs, Kentucky Power Company
- Raymond E. Wright*, director, environmental affairs, Ohio Power Company
- Daniel W. Kemp, assistant general counsel, AEP Service Corporation and
- the person who fills the new position of manager, environmental audit program, AEP Service Corporation.

* NOTE: Representation from two operating companies will rotate every two years.

fying that management practices are in place, functioning and adequate to meet the requirements of the law.

"The environmental challenges we face impose an obligation on us to seek continuous improvement in environmental management," Disbrow said. "This is a contest that must be waged with renewed vigor, and the audit program is a vehicle for ensuring that we are meeting our obligations in this area." □

Service (continued from page 14)

Kanawha River

5 years: **James Swartz**, custodian.

Logan-Williamson

10 years: **Janet Todd**, station mechanic C, Williamson. **Mark Summers**, area servicer, Madison. 5 years: **Tony Kirk**, engineering technician, Logan. **Brenda Workman**, customer services representative C, Logan.

Lynchburg

5 years: **Tim Moore**, engineering technician.

Mountaineer

15 years: **Jerry Davenport**, ash technician. 10 years: **Jamie McClanahan**, barge handler. **Rick Shaddeau**, equipment operator B. 5 years: **Bob Mossman**, performance technician. **Willie Kurnot**, utility worker. **Fred Wolfe**, utility worker.

Pulaski

10 years: **Wayne Hurt**, human resources supervisor.

Roanoke

5 years: **William Johnson**, marketing and customer services advisor. **Susan Rolfe**, energy services engineer I.

Philip Sporn

15 Years: **D.G. Johnson**, maintenance mechanic A. **D. J. Hudnall**, maintenance supervisor. 5 years: **G. L. Short**, maintenance mechanic C. **C. J. Roush**, maintenance mechanic C. **R. G. Winebrenner**, equipment operator C. **B. A. Gordon**, equipment operator C. **C. M. Dalton**, equipment operator C. **C. L. Watt**, control technician. **T. W. Barnette**, barge handler. **P. J. Leport**, plant janitor. □

SMD task force tackles the sun

"For the past few days the Earth has been under assault from an exceptionally strong solar storm. ...The wave of slower particles following this burst can bend the earth's magnetic field, generating an electric current which enters power lines and can overheat them, forcing them out of service. John Kappenman, an engineer at Minnesota Power, feels a wide-scale blackout from such storms could reap as much economic damage as a hurricane or major earthquake."

New York Times, June 16, 1991

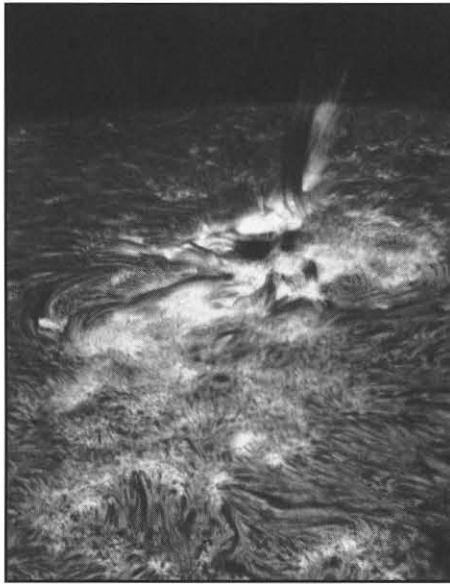
About the time we begin to feel too smug about our knowledge and technological achievements, Nature humbles us with baffling and destructive phenomena such as solar magnetic disturbances (SMDs).

Such SMD "events" are known to be destructive, causing the blackout of the entire Hydro Quebec system in 1989. The net loss of this blackout was estimated at \$13.2 million. Closer to home, SMDs are suspected of damaging 765-kV transformers at AEP's Rockport Plant and at Sullivan Station.

As a result, AEP formed a task force of individuals from the Electrical Engineering, System Planning and System Operations departments that is now spearheading an SMD research project. Its goal is to learn enough about SMDs to develop any necessary mitigation techniques to protect System facilities, particularly vital and costly 765-kV transformers.

Storms on the surface of the sun and geysers of solar energy sporadically hurl protons and electrons toward the Earth. Some of these electrons can cause fluctuations in the Earth's magnetic field. These changes cause currents to flow through the Earth and its resistance which results in the production of geomagnetically induced current (GICs).

These quasi-direct currents flow from the Earth into the power system through the grounded neutral connections of transformers or voltage controlling shunt reactors. GICs then flow along the transmission lines and back into the Earth at other grounded neutral points. These currents are most prevalent in lines that offer the least resis-



Storms on the surface of the sun are suspected of damaging 765-kV transformers at Rockport Plant and Sullivan Station. Photo courtesy of Big Bear Solar Observatory, Big Bear City, California.

tance, such as longer, high voltage lines, making high voltage transformers most susceptible to damage.

When this current piggybacks on the existing AC current, the increased load can overheat a transformer's internal cooling oil and damage its insulation, causing failure. At a price of approximately \$3 million per transformer, protecting this costly equipment is essential. ("Banks," or groups of transformers can be worth nearly \$10 million. Systemwide, AEP's 765-kV transformers are worth nearly \$318 million.)

According to Eric E. Wilcox, electrical engineer, Major Equipment Section, "We know that as little as eight amperes (amps) DC can be enough to affect individual 765-kV transformers. In 1989, our SMD monitor at Marysville Station measured GIC of at least 10 amps encountered by a bank of three transformers. However, the monitoring equipment was incapable of recording any higher level, so we're not sure how high it really went. Our new project utilizes better sensing and recording equipment that can measure GICs up to 100 amperes."

The task force chose six monitoring locations throughout the AEP System—Rockport, Cloverdale, Kammer,

Marysville, Jackson's Ferry and Dumont. These selections were based on interconnected network performance, igneous rock geology nearby, long 765 or 500 kV lines, history of transformer failures and suspected GIC activity in the past. The new equipment has already been installed on one bank of transformers at Rockport.

Electrical Lab personnel at the John E. Dolan Engineering Laboratory developed the circuitry to separate GIC current from the AC current and the monitoring and sensing software. The SMD project consists of a small computer located in the 765-kV control house of each station, and modules located at each monitored transformer, reactor or bus, which will feed into the main computer. Data will be collected via modem at the Service Corporation for analysis.

According to John H. Provanzana, group manager, Technical Services, "If the GICs in AEP's system are even close to those measured at some other utilities, it may be necessary to take mitigative action, such as reducing transformer loading during SMDs or installing transformer neutral blocking devices. Our research, along with that of other utilities may provide the data that transformer manufacturers need to improve their products to withstand certain levels of GIC.

"Solar magnetic disturbances seem to occur on a cyclical basis, peaking every 11 or so years," Provanzana added. "This activity is expected to be at an all-time high between 1990 and 1992. However, solar flares can happen at any time. Getting our project in place now will surely give us valuable information for our own system operation and for the entire electric power industry." □

Martin is Cancer Society volunteer

The mere mention of cancer can strike fear in the heart of anyone. And that's exactly why Beckley Drafter Evelyn Martin has been a volunteer for the American Cancer Society for nearly ten years.

She said, "Cancer is my worst fear. It's something that touches everyone, if not yourself then a member of your family or someone you know. There is a definite need for cancer education and prevention, and it's something I don't mind going out and asking money for. In fact," she laughed, "nearly every business in town knows me by name."

Evelyn is vice president of the Raleigh County Chapter of the American Cancer Society and is serving again this year as local crusade chairman. "Our crusade started in September," she noted, "and we've already raised \$10,000 of our \$29,000 goal for the year."

One fund raising activity of the Raleigh County Chapter is the annual Corporate Stars Fun-O-Limpics where teams from local businesses compete in various sports events. This year an Appalachian Power team took second place in the competition. "The Fun-O-Limpics raised \$2,000, and not one penny was spent because everything was donated," Evelyn said. "After that, we had rat races. We chose ten business people who did whatever they could, legally, to raise money. They had pool parties, a golf tournament with the four local country clubs competing against each other, and a Lick Cancer Day at Wal-Mart. That day we gave everyone who donated sunscreen and a sucker. With this one event, we raised \$13,000."

According to Evelyn, plans are under way for a VIP dinner next Spring, and a Downtown Beckley Fourth of July celebration is being discussed as a fund raiser. "Employees at the local Wal-Mart store have selected the Cancer Society to be their charity of the year," she added.

When the West Virginia Division of the American Cancer Society was searching for a corporate sponsor for its new Partners In Cancer Control Program, it



Evelyn Martin displays the plaque which the American Cancer Society West Virginia Division presented to Appalachian Power for its participation in the Partners in Cancer Control Program.

was Evelyn who suggested that Appalachian President Joe Vipperman be contacted. "I'm really proud that Appalachian agreed to participate," Evelyn

concluded, "and I think it's great that the company is offering to pay for employees to take advantage of cease-smoking programs." □

APCo sponsors cancer education program for W. Va. employees

In cooperation with the West Virginia Division of the American Cancer Society, Appalachian Power is sponsoring a cancer education program for its West Virginia employees.

In this "Partners in Cancer Control Program," the Cancer Society acts as a resource center to provide various cancer-related topic materials and/or speakers for local presentations.

Each West Virginia human resources supervisor will begin the programs in his or her location this month. The five basic programs to be offered are:

Special Touch - emphasizes the importance and methods for women to use in breast self-examination;

Smart Move - emphasizes smoking perils and smoking cessation self help;

Taking Control - monitoring lifestyles to prevent cancer by eating properly, exercising, etc.

Eat Smart - emphasizes proper foods to eat and those to avoid to lower the risk of cancer; and

Self Defense - stresses cancer prevention and control through early detection and interaction with health care professionals.

For its willingness to participate in the Partners in Cancer Control Program, Appalachian has received an appreciation plaque from the American Cancer Society West Virginia Division. □

Abingdon

Gary Bunch, Clintwood meter reader, is a member of the "Trespassers" band which won the Kickin' Country, FM 102.3, Battle of the Bands competition. The group beat out 13 other bands for a \$10,000 recording contract being offered by Stargem Recording Studio of Nashville, Tennessee, which is the leading independent country record label in the world. □

John Amos

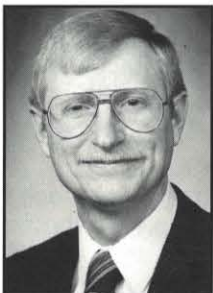


Freddy Sisk, control technician senior, was elected to a two-year term as mayor of the Town of Poca. □

Beckley

A team from Appalachian Power tied for second place in the Fun-O-Limpics, which raised more than \$2,000 for the American Cancer Society. Team members were **Charlie Dillon**; **Jeff Rogers**; **Steve White**, captain; **Lou** and **Sandy Prunesti**; **Evelyn Martin**; **Bradley Williams**; and **Jerry Martin**, co-captain. □

Bluefield



Troy Coyner, Welch area supervisor, was named the 1991 chairman of the McDowell County United Way drive.



Isaac Webb, engineering supervisor, was named president of the Kiwanis Club of Bluefield for 1991-92. □

Who's News

Charleston



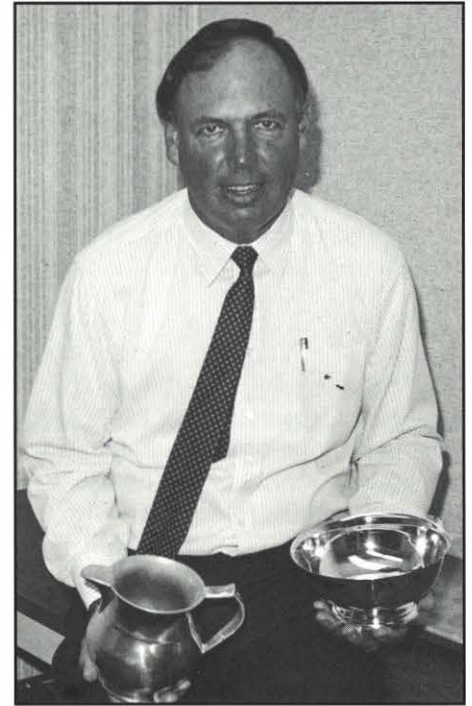
Wesley Davis, electrical engineer II, is serving as a loaned executive to the United Way of Kanawha Valley during the 1991 fund raising campaign. One of his responsibilities is the presentation of

fund raising programs to the major commercial and industrial companies in the Kanawha Valley. He also will coordinate the training and development of volunteers to present fund raising programs.

Joe Jones, marketing and customer services supervisor, received a Presidential Award from the Home Builders Association of Greater Charleston for exemplary service and dedication to the association. He is chairman of the public relations committee and a member of the West Virginia Dream Home project committee.

The Charleston Division Employee Golf Tournament was held at Kanawha Country Club. Winners were: First flight - **Joe Perdue** (86), first; **Phil Ross** (88), second. Second flight - **Fred Staunton** (94); **Art Burdette** and **O. E. Hammon**, (96), second place tie. Third flight - **Ken Roberts** (96), first; and **Haskel Jones** (99), second. **Mike LaScola**, **Hubert Shabdue**, **Bill Bostic**, and **Nick Roomy** won closest to the pin honors. **Gary Hedrick** had the longest drive, and **Rob Johnson** had the fewest putts. Prizes included \$250 in cash, "club key" cards, caps, tee shirts, golf towels, and pocket knives. □

Lynchburg



For the second consecutive year, **Dick Shepard**, customer services supervisor, teamed with John Nichols to win the Bedford Country Club membership guest golf tournament. The pair combined to shoot a 20 under par, total of 120 for the 36-hole tournament. The tournament format was captain's choice the first day and best ball the second day. □

Philip Sporn

Paul Chadwell, utility worker A, placed 112 out of 1575 runners in the Charleston 15 Mile Run during the Sternwheel Regatta. □

Safety Plaudit

Appalachian Power employees reached the 6-million safe workhour mark on October 18, an all-time record for an AEP operating company. The record was continuing as the *Illuminator* went to press. □

Pacesetter Award



Gary Adkins, president of the Hillsville Employees Benevolent Association for 1991-92, accepts a plaque recognizing the Hillsville office as a United Way Pacesetter. The award was presented by Kathy Cooley, administrator of the Twin County United Way. With 100% participation, the 20 Hillsville employees increased their United Way pledge to \$700. The Association also contributes to other charities and has pledged \$2,180 this year. Other officers of the Hillsville Employees Benevolent Association are Willie Gardner, vice president; Ken Gunn, secretary-treasurer; and directors Reeves Collins, Barry Hicks, and John Collins.

Beckley holds golf tournament



Twenty-four active and retired employees participated in Beckley Division's annual golf tournament at Beaver Creek Country Club. Winners included David Ransom, low gross; Keith Von Scio, runner-up low gross; Phil Wright, low net; and Ray Vest, runner-up low net. Kyle Ellison, retired line and station superintendent, won the low gross in the retired employees division. Bill Epling, retired customer accounts representative A, won the low net. Pictured, front row, l. to r., are Phil Wright, Jeff Rogers, Dave Ransom, Keith Von Scio, and Bill Epling. Center, l. to r., Charlie Dillon, Greg Shamblin, Tod Norris, Tom Almond, and Kyle Ellison. Back row, l. to r., Kevin LeMasters, Ray Vest, Larry Gearhart, and Clyde Barker.

Sporn holds night golf scramble

Six four-person teams from Philip Sporn Plant participated in a night golf scramble at Riverside Golf Course, Mason, West Virginia.

Winning the \$50 first prize with one under par was the team of **Steve Fraley**, unit supervisor; **Jim Mitchell**, stores administrator; **Olin Rice**, maintenance mechanic C; and **Jerry Morgan**, maintenance mechanic B.

Two teams tied for second place, winning \$25 each. Members were **Rusty Saunders**, plant engineer II; **Gene Gray**, production superintendent-maintenance; **John Taylor**, maintenance mechanic A; and **Sam Hawley**, plant clerk A; **Chris Stout**, summer temporary; **Ralph Ross**, maintenance supervisor; **Roger Sharp**, maintenance supervisor; and **Marlo Bush**, maintenance mechanic C.

Roanoke Golf League champions



For the second consecutive year, the winning team in the Roanoke Division/General Office Golf League was, l. to r., Calvin Sisson, GO Operating; Tim Earhart, GO T&D Civil Engineering; Rick Johnson, GO Operating; and Mike Thacker, GO Hydro.

Retirements

Pokey Clark



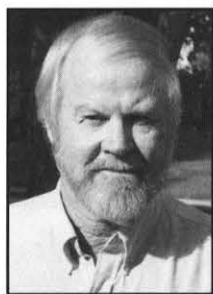
"I've been here right at 40 years, and that's long enough. Now I want to get out and enjoy life a little bit," said G. E. "Pokey" Clark. A maintenance supervisor at Philip Sporn Plant, he elected early retirement on November 1 at age 60.

"I worked in a coal mine for a year and decided that wasn't for me," Pokey recalled. "Since I was born and raised within three miles of this plant, I thought I would try the power company. I've worked under every plant manager we've had at Sporn, and I've seen a lot of people come and go. I've made good friends here and I'll miss them, but I'll be back visiting."

He concluded, "I'm going to relax for a couple of weeks, then do a lot of hunting with my foxhounds. I golf a lot, too. We have a league at the plant, and I may join a Senior Citizens League."

Pokey and his wife Juanita attend the New Haven United Methodist Church. They have two sons, one daughter, and four granddaughters. With family in Florida and Maryland, traveling is also on their retirement agenda. □

Hambone Hamblin



After more than 12 years on long term disability leave, Harold "Hambone" Hamblin, Roanoke meter service mechanic C, elected early retirement on October 1. He began his utility career in 1963 as a laborer

at the Radford Army Ammunition Steam Plant and transferred to Roanoke the following year when Appalachian no longer operated the plant.

"I miss my work and all the guys," Hambone said. "I always thought I would get back, and that's what kept me going, but I never did. Since I had

open heart surgery in 1986, I've been walking six or eight miles a day. In fact, just five months after I had a complete bypass operation, I walked for the Heart Fund. I had a lot of supporters!"

Hambone concluded, "I have a boat and camper so I do a lot of fishing, camping, and hunting. I also enjoy going to the Winston Cup races." An Army veteran of the Korean War, he and his wife Betty have one son, one daughter, and two grandchildren. □

Henry Farmer



"I feel fortunate that I worked for a company that has such a strong emphasis on safety," said Grundy Line Crew Supervisor Henry Farmer, who elected early retirement on November 1. "Over the years, I

took part in several training schools as instructor and dean. Incorporating safety in the work is one of the strongest beliefs that I have, and we do have a good safety program."

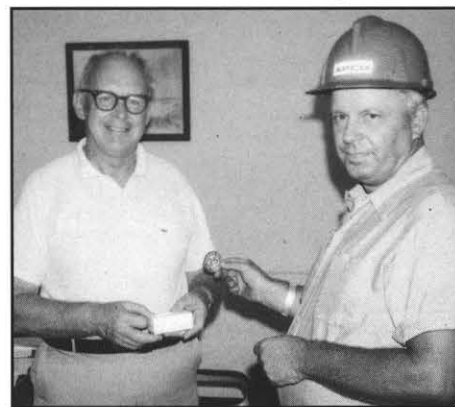
Henry added, "Overall, the most interesting thing to me is how Appalachian has grown and progressed throughout the Grundy area. We started out with 34.5 kV lines, then 69 kV and 138 kV. We have several 69-12 kV stations, all of which I helped put in service, and we're still growing with the coal industry. Also interesting to me was restoring service to our customers after an outage. We've had a couple of major floods. The scariest thing that ever happened to me was going into the control room at Grundy Station, turning around, and seeing the new bridge I had just crossed collapse and go down the river. I was on the phone to the dispatcher and told him to call Roanoke and tell them the new bridge fell and they were the first to know about it!"

Henry's wife Janice retired from Grundy Junior High School earlier this year, and the couple plans to do some traveling. "We've toured California and the Oregon coast, and Alaska is one of the

places we want to go," he said. "I've got a few projects started that I want to complete. I may do some remodeling and perhaps build a summer home."

Henry is a member of the First United Methodist Church in Grundy, a Mason and Shriner. The Farmers have two sons, two daughters, and six grandchildren. □

Woody Hackney



Woody Hackney, right, receives his 25-year service pin from Russ Senter, assistant plant manager. Woody requested this photo be used as a tribute to Russ, who died in August.

Relaxing in his hillside home just a half mile from Clinch River Plant, Coal Equipment Operator Woody Hackney reflected on how his life intertwined with the facility. "I farmed the land before the plant was built, married a girl who lived in the house there, helped build the plant as a Sollitt Construction employee, worked there for 33 years, and now I'm retired from it." Woody added, "My wife Mary and I even ran a little restaurant when the plant was under construction, and all the workers would line up to eat there. That's where I got to know the late Russ Senter, former assistant plant manager, who was one of my best friends through the years."

Woody elected early retirement October 1 "while I am in good health and can enjoy life. Now when we get up in the morning, we can do what we want to do. I'll hunt and fish some and work my little farm here, which is more or less a hobby. Next summer we plan to travel."

He added, "I credit the Good Lord and the power company for everything I have. The company was good to work for. I never was laid off and I never had a problem. I enjoyed working with heavy equipment and especially the men I worked with."

The Hackneys, who have two sons and two grandchildren, attend Calvary Baptist Church in Castlewood. □

Eustace Robertson



After 11 years on long term disability leave, Eustace Robertson, Rainelle area servicer, officially retired on November 1.

"I started to work for Appalachian as a laborer in Beckley after a tour of duty

with the U. S. Army in the Philippines during World War II," Eustace recalls. "I was willing to work wherever the company needed me; and, during my 32 years of active service, I also worked in Oak Hill, Rupert and Rainelle. The power company was the best thing to happen for me and my family. I wish to thank those who helped me and the people I worked with during my career. I miss you very much, and may God bless you."

Eustace and his wife Elsie have three sons, three grandsons, and one granddaughter. □

Dick Ash



"All in all, the power company has been great to me," said Dick Ash. "It gave me a job, enabling me to raise my family, and I'm grateful. I regret that I have to retire." Dick, a transmission mechanic B in GO T&D

Transmission, Charleston, retired November 1 after more than nine years on

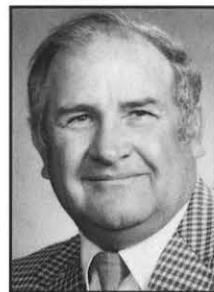
long term disability leave.

He added, "The power company has some good men, believe me. When you eat, sleep, and work together year in and year out like we did on the transmission crew, you get to know people quite well. A lot of them I still think the world of today. I worked to make a living, but my work was enjoyable because there was always a laugh. A person could be down but you soon got perked up. Everybody looks forward to retirement, but there are things I have missed since I stopped working."

Dick concluded, "As far as future plans, Mary and I are like a couple of groundhogs. We don't venture too far from the hole. We will go some, but home is the best place to be any time. I tinker around a little, put out a tomato or two, and visit my neighbors. Occasionally we visit our daughter in North Carolina."

They have three sons and five daughters and attend the Church of Christ in St. Albans. □

Mike Clayton



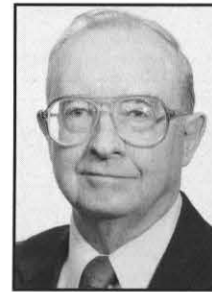
"It has been a great big wonderful experience for me, especially being a flatlander from Iowa and coming here to these beautiful mountains," said Mike Clayton. "All 35 years were outstanding. I worked

with fantastic people, and I have a lot of beautiful memories." A station crew supervisor in Bluefield, Mike elected early retirement November 1. "I don't like the winters any more, and I wanted to go while I still have good health.

"Betty and I don't have any definite plans," he added, "but I have family in Iowa, Minnesota, Georgia, and Florida so we'll be doing some visiting." An Air Force veteran of the Korean War, Mike is a golfer, president of the Industrial Bowling League, a member of the Elks and Moose, and attends Sacred Heart Catholic Church.

The Claytons have three daughters, one son, and six grandchildren. □

Larry Dunn



"My wife Mitzi was a secretary at the high school before retiring two years ago, and retirement looked so good she convinced me I should try it," said Larry Dunn. He was an area T&D scheduler in Pearisburg

before electing early retirement on November 1.

"Appalachian is one of the best employers around," he added. "My mother, Patricia Dunn, was secretary to the Glen Lyn Plant manager for 30 years before her retirement." Larry joined the company as a junior clerk in Bluefield in 1956, the year following his discharge from the Navy, and has been in Pearisburg since 1960. "I've met a lot of nice people from throughout the System over the years," he said. "A lot of folks use our office as a place to stop and gas up. My contact with people is what I've enjoyed the most about my job, not only our customers but the people I work with."

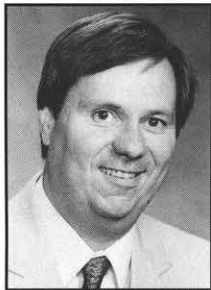
Larry continued, "I have a lot of plans for retirement. I hope to get back into fishing and golfing, and we want to travel some. We like the East Coast real well. We have three children, six grandchildren and a seventh on the way so we'll have plenty of places to go." His youngest son, Rodney, was an AEP educational award winner.

Larry teaches a men's Bible class at Peterstown United Methodist Church and is an occasional lay leader. □

Promotions



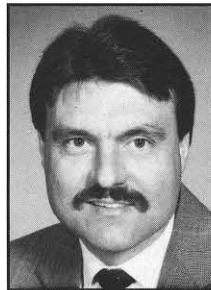
Vencill



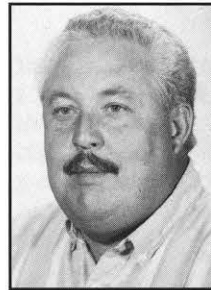
Tompkins



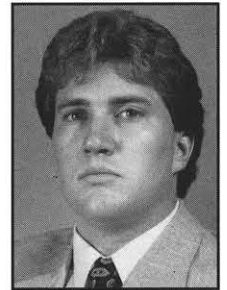
Daniels



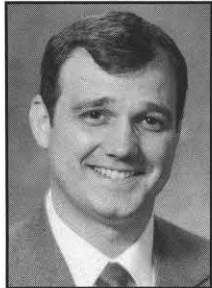
O'Dell



Hall



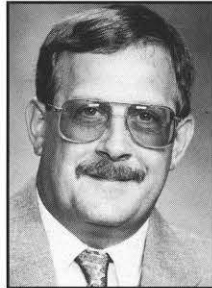
Leef



Webb



Clark



Ross



Ratliff



Hankins

James Vencill, engineering technician senior nonexempt, was promoted to engineering technologist I exempt in Lebanon on August 1.

John Tompkins, maintenance supervisor, was promoted to production superintendent-maintenance at Philip Sporn Plant on September 1. He holds an associate degree in electrical engineering from West Virginia Institute of Technology and is working towards a bachelor's degree in electrical engineering.

Ronnie Daniels, line crew supervisor nonexempt, was promoted to line crew supervisor exempt in Grundy on October 1.

Roger O'Dell, customer services office supervisor nonexempt, was promoted to customer services office supervisor exempt in Milton on September 1. He holds a bachelor's degree in business administration from Ohio University.

Jim Hall, automotive mechanic A, was promoted to automotive supervisor nonexempt in Charleston on September 7.

Eric Leef, electrical engineer I, was promoted to engineer I in GO T&D Engineering, Roanoke, on August 1. He holds a bachelor's degree in electrical engineering from West Virginia In-

stitute of Technology.

Eugene Webb II, maintenance supervisor, was named PIMS/maintenance planner at Kanawha River Plant on October 1.

Roger Clark, maintenance mechanic A, was promoted to maintenance supervisor at Mountaineer Plant on July 1.

Ralph Ross, maintenance mechanic A, was promoted to maintenance supervisor at Philip Sporn Plant on September 1.

Johnnie Ratliff, general servicer, was promoted to line crew supervisor nonexempt in Grundy on October 1.

Norma Hankins, customer services office supervisor nonexempt, was promoted to customer services office supervisor exempt in Tazewell on September 1.

Abingdon

Harry Plummer from line mechanic A to general servicer.

John Amos

Jerry Hager from maintenance mechanic D to maintenance mechanic C.

Beckley

Robert Jarrell from line mechanic C to line mechanic B.

Dave Anderson from line mechanic B to line mechanic A, Oak Hill.

Leon Lilly from line mechanic C to line mechanic B.

Vici Totten from meter reader to customer servicer.

Bluefield

David Rowe from line mechanic A to general servicer, Grundy.

David Thornton from line mechanic D to line mechanic C, Peterstown.

Gary Cunningham from area T&D clerk B to area T&D scheduler, Princeton.

Clinch River

Terry Stone from utility worker A to coal handler.

David Ratliff from coal handler to utility coal attendant.

Beecher Puckett, Jr., from utility worker A to coal handler.

Larry Cantrell from coal handler to utility coal attendant.

Gregory Mullins from utility coal attendant to coal equipment operator.

General Office

Jeff Rawlings from computer graphics technician C to station drafter C, GO T&D Computer Graphics, Roanoke.

Karin Gastineau from statistical clerk B to statistical clerk A, GO Accounting, Roanoke.

Philip White from transmission station mechanic B to transmission station mechanic A, GO T&D Station, Roanoke.

Karl Simpson from transmission station mechanic B to transmission station mechanic A, GO T&D Station, Kenova.

Tim Parsons from transmission station mechanic C to transmission station mechanic B, GO T&D Station, Kenova.

Alan Argabright from heating, ventilating and air conditioning assistant to heating, ventilating and air conditioning specialist, GO General Services, Roanoke.

Paul Pennino from staff accountant to accounting staff assistant II, GO Accounting, Roanoke.

Huntington

Tanya Bobo from marketing and customer services advisor to marketing and customer services representative.

Barry Mosser from marketing and customer services advisor to marketing and customer services representative.

Keith Henson from line mechanic B to line mechanic A.

Robert Underwood from line mechanic C to line mechanic B.

Rick Hammond from line mechanic D to line mechanic C.

Mark Meadows from line mechanic D to line mechanic C.

Danny Curry from line mechanic D to line mechanic C.

Kanawha River

Paul Galloway from maintenance mechanic B to maintenance mechanic A.

Gary Turley from maintenance mechanic B to maintenance mechanic A.

Lynchburg

Brian Lecik from engineering technician to engineering technician senior.

Dennis Smith, Jr., from engineering technician to engineering technician senior.

Mountaineer

Rick Penn from maintenance mechanic B to maintenance mechanic A.

Pulaski

Larry Akers from station mechanic C to station mechanic B.

Jeff Repass from station mechanic B to station mechanic A.

Beverly Reynolds from secretary-stenographer B to secretary-stenographer A.

Phillip Honaker from line mechanic D to line mechanic C, Pearisburg.

David Edwards from engineering technician to engineering technician senior.

Mary Ann Cæpp from marketing and customer services advisor to marketing and customer services representative, Christiansburg.

Roanoke

Andrea Washington from customer services representative D to customer services representative C.

Kevin Gallatin from line mechanic D to line mechanic C, Rocky Mount.

Philip Sporn

Ivan Lane from utility worker B to utility worker A. □

Sign up under way for participants in 1992 Power System Concepts Course

Participants are being selected for the 1992 Power System Concepts Course scheduled to run from February 10 through May 14.

The 1992 course will consist of six 1½ day sessions in Columbus. Lectures, given by specialists within the company, will cover the fundamentals, planning, and operation of power systems; power plants; fuel supply; transmission system engineering and engineering economics. Lecturers are selected for their knowledge and experience in the subject, as well as their teaching skills.

The curriculum also includes ten adjunct presentations on engineering and project management in the Service Corporation; environmental concerns associated with air, water, solid wastes and electric and magnetic fields; pres-

surized fluidized bed combustion; transmission deregulation; and future issues and engineering challenges facing the electric power industry.

To provide an appreciation for the size of the equipment and the complexity of operating various aspects of an electric utility, course participants will tour the John E. Dolan Engineering Laboratory, the AEP System Control Center, Smart House, Cardinal Unit 3, the Tidd PFBC Plant, and the Service Corporation's computer facilities.

The Power System Concepts Course is designed for engineers from all disciplines throughout the AEP System who have a minimum of a four-year technical degree and three years of experience. Qualified employees should ask their supervisors to consider them for participation in the 1992 course. □

Christmas For Kids fund raiser

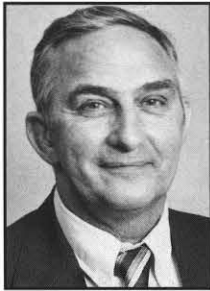


Huntington Division active and retired employees sponsored a safety rest stop at the Huntington exit on I-64 during Labor Day weekend. Travelers stopping to partake of the free snacks and drinks donated \$1,100, which will be used to purchase Christmas gifts for underprivileged children.

Service Anniversaries



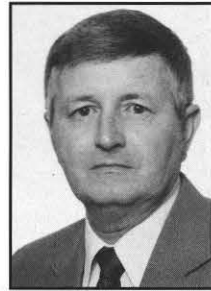
T. J. McComas
line. con. & maint. rep.
Huntington
35 years



Daniel Higgins
maintenance supv.
Clinch River
30 years



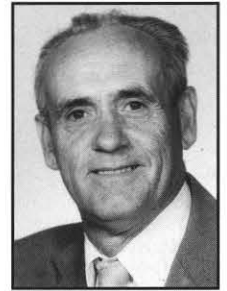
James Barnette
shift operating eng.
Clinch River
30 years



John Barrett
maintenance supv.
Clinch River
30 years



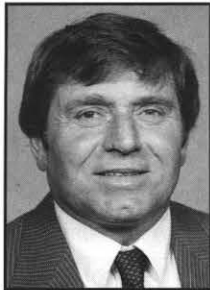
Wilson Howell
trans. sta. supv.
GO-Roanoke
30 years



Dannie Carte
yard supt.
John Amos
25 years



Al Gillies
maintenance supv.
Mountaineer
25 years



Willie Feazelle
line crew supv. NE
Roanoke
25 years



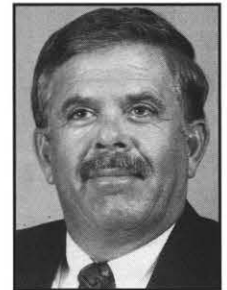
Jim Gress
maintenance supv.
Mountaineer
25 years



Charlie Moore
line con. & maint. rep.
Charleston
25 years



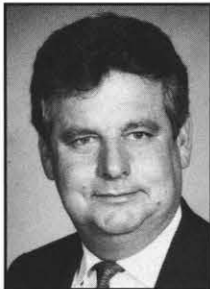
Patsy McIntyre
secretary-steno. B
GO-Charleston
25 years



Ralph Poff, Jr.
eng. tech. supv.
GO-Roanoke
25 years



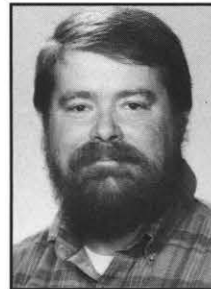
Norman Fowler
line con. & maint. rep.
Lynchburg
25 years



Lee Bostic, Jr.
line crew supv. NE
Huntington
25 years



Gregory Bird
transp. Specialist
John Amos
20 years



Jack Hancock II
coal equipment op.
John Amos
20 years

John Amos

15 years: **Charles Browning**, equipment operator B.

Bluefield

15 years: **James Archer**, engineering technology supervisor.

Charleston

15 years: **Gary Bledsoe**, collector. 5 years: **Robin Thompson**, customer services representative C. **Brenda Dunn**, customer services representative C, St. Albans. **Tom McDonald**, line mechanic C, St. Albans.

Clinch River

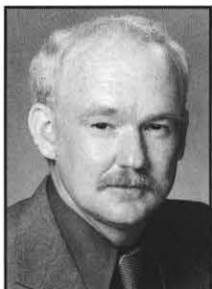
30 years: **Ira Owens**, instrument mechanic A. 25 years: **Roger Meade**, instrument mechanic B. 20 years: **Ernest Justice**, shift operating engineer.

General Office

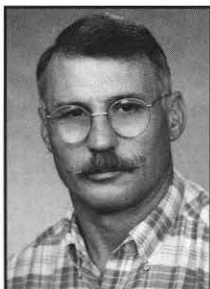
10 years: **Harold Crosier**, computer graphics technician B, GO T&D Engineering Graphics, Roanoke. **Lynne Testerman**, tape librarian B, GO Accounting, Roanoke. **Mark Armstrong**, regional dispatcher, GO Operating, Roanoke. 5 years: **Mark Whitley**, transmission station mechanic D, GO T&D Station, Roanoke. **Claude Farmer**, transmission mechanic B, GO T&D Transmission, Bluefield.

Huntington

15 years: **Maxie Finnegan**, meter reader. 5 years: **Jerry Chapman**, line mechanic B, Milton. **Mike Fortner**, station mechanic C.
(please turn to page 5)



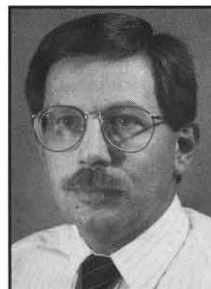
Wayne Kayser
asst. shift op. eng.
Mountaineer
20 years



Donald Barnes
trans. mech. A
GO-Bluefield
20 years



Coy Klepper
meter clerk A
Kingsport
20 years

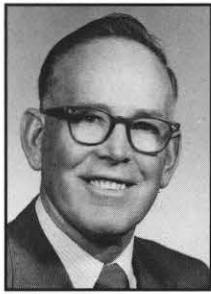


Frank Campbell
senior clerk
GO-Roanoke
20 years

Friends We'll Miss



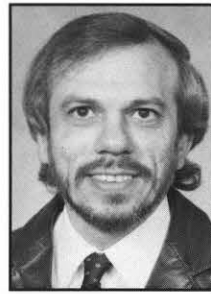
Reid



Pate



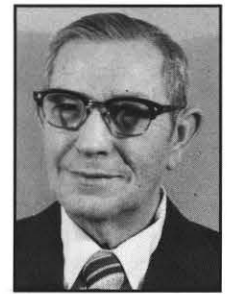
Whitt



Ritchie



Herr



Moss

James Kent Reid, 65, retired distribution supervisor, GO T&D Distribution, Roanoke, died September 6. A native of Lynchburg, Virginia, he was employed in 1947 as a laborer in Lynchburg and elected early retirement in 1987. Reid is survived by his wife Florris, 116 Merrywood Drive, Forest, Va.; one son; and two daughters.

Chester Pate, 65, retired Beckley area servicer, died September 26. A native of Floyd, Virginia, he began his career in 1955 as a station man helper and elected early retirement in 1989. Pate is survived by his wife Betty, 105 Emily Street, Beckley, W. Va.; one son; one grandchild; and three sisters.

George Whitt, 81, retired Glen Lyn Plant unit foreman, died September 15. A native of Gary, West Virginia, he was hired in 1934 as a laborer and retired in 1972. Whitt is survived by four sisters and one brother.

John Harvey Ritchie, 46, hydro mechanic A, GO Hydro, Smith Mountain, died October 9. A native of Steubenville, Ohio, he joined Appalachian in 1967 as a junior maintenance man and had been on long term disability leave since October 1990. Ritchie is survived by two sons and one daughter.

Robert Louis Herr, 86, retired regional chief operator, GO Operating, Kingsport, died September 8. A native of Beaver, Pennsylvania, he began his career in 1933 as an electrician in Charleston and retired in 1969. Herr is survived by his wife Ruth, 4405 Cedarwood Drive, Kingsport, Tennessee; two sons; and one daughter.



Kessinger



Reitmire

Wilbur Moss Sr., 75, retired Cabin Creek Plant shift operating engineer, died September 11. A native of Crown Hill, West Virginia, he was employed in 1941 as a laborer and elected early retirement in 1978. Moss is survived by his wife Madeline, Box 121, East Bank, W. Va.; one son; and two grandchildren.

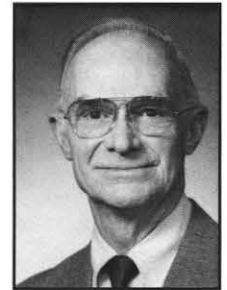
Paul Eugene Kessinger, 44, Charleston line mechanic C, died unexpectedly on September 30. A native of Charleston, West Virginia, he was hired in 1981 as a meter reader. Kessinger is survived by his wife Wilda, 586 South Ruffner Road, Charleston, W. Va.; and one son.

John Reitmire, 71, retired Amos Plant maintenance supervisor, died September 28. A native of New Haven, West Virginia, he began his career in 1970 as a maintenance man A and elected early retirement in 1983. Reitmire is survived by his wife Thelma, Box 57, New Haven, W. Va.; one son; one daughter; five grandchildren; four great-grandchildren; three step great-grandchildren; and three sisters.

Walter Blankenship, 73, retired Lynchburg grounds helper, died October 9. A native of Davy Polka, West Virginia,



Blankenship



Robinette

he was employed in 1945 as a laborer at Logan and retired in 1983. Blankenship is survived by his wife Jessie, 1415 Lynndale Place, Lynchburg, Virginia; two sons; and one grandchild.

Leonard William "Red" Robinette, 68, retired Bluefield power engineer senior, died October 18. A native of Fort Gay, West Virginia, he first worked for Appalachian from 1947-52. He rejoined the company in 1954 and elected early retirement in 1987. Robinette is survived by his wife Mary Lou, 1921 Washington Street, Bluefield, W. Va.; three sons; and two daughters.

Hobert Taylor, 63, plant janitor at Clinch River Plant, died October 14. A native of Cleveland, Virginia, he was hired in 1976 and has been on long term disability leave since 1987. Taylor is survived by four sons, four daughters, ten grandchildren, six sisters, and one brother. □

T THE INSIDE STORY

ILLUMINATOR

Vol. 43, No. 2, November 1991

Published for the employees of:



Editorial Office: Public Affairs Department, Appalachian Power Company, P.O. Box 2021, Roanoke, Virginia 24022.

Articles may be reprinted with proper attribution.

We are equal opportunity employers.

Editorial Staff

Richard K. Burton, public affairs director
B. Don Johnson, public affairs information manager
Betty Lou Carter, editor of publications

Associate editors

Bill Roeser, Abingdon
Tom Cloer, John Amos
Ray Vest, Beckley
John Griffith, Bluefield
Metzel Turley, Central Machine Shop
Saybra Pearson, Centralized Plant Maintenance
Jack Shaver, Charleston
Charles Miller, Clinch River
Earl Smith, General Office
Randy Nicewonder, Glen Lyn
Barbara Collins, Huntington
Audra Pauley, Kanawha River
Leta Dingus, Kingsport
Jerry Greene, Logan-Williamson
Mel Wilson, Lynchburg
Janice Adkins, Mountaineer
Glenda Wohlford, Pulaski
Charles Echols, Roanoke
Jill LaValley, Philip Sporn

IABC

International Association of Business Communicators

News

- 2 APCo, KPCo again sponsor Neighbor programs
St. Albans office to be enlarged
AEP proposes \$6.5 million investment in energy-efficient lighting technology
Preliminary work for scrubbers begins at Gavin
- 3 Last year for Savings Plan PPD
Aetna introduces new benefits explanation form
Dependent Care Assistance Plan enrollment set for November
- 7 APCo sponsors cancer education program for W. Va. employees

Features

- 4 Systemwide auditing program tracks environmental progress
- 6 SMD task force tackles the sun
- 7 Martin is Cancer Society volunteer

People

- 8 Who's News
- 10 Retirements
- 12 Promotions
- 14 Service Anniversaries
- 15 Friends We'll Miss

About the cover: Kingsport Power Company held a Customer Appreciation Day on October 25 in Glen Bruce Park next to its office. Music was provided by a group of employees, and attendees were treated to refreshments and favors. Bill Brooks, building attendant, won the Customer Appreciation Day slogan contest with his entry of *Customer Satisfaction: It's Watt We Do!*

ILLUMINATOR



Post Office Box 2021
Roanoke, Virginia 24022

DO NOT FORWARD
ADDRESS CORRECTION REQUESTED
RETURN POSTAGE GUARANTEED

Bulk Rate
U. S. POSTAGE
PAID
Roanoke, Virginia
Permit No. 241