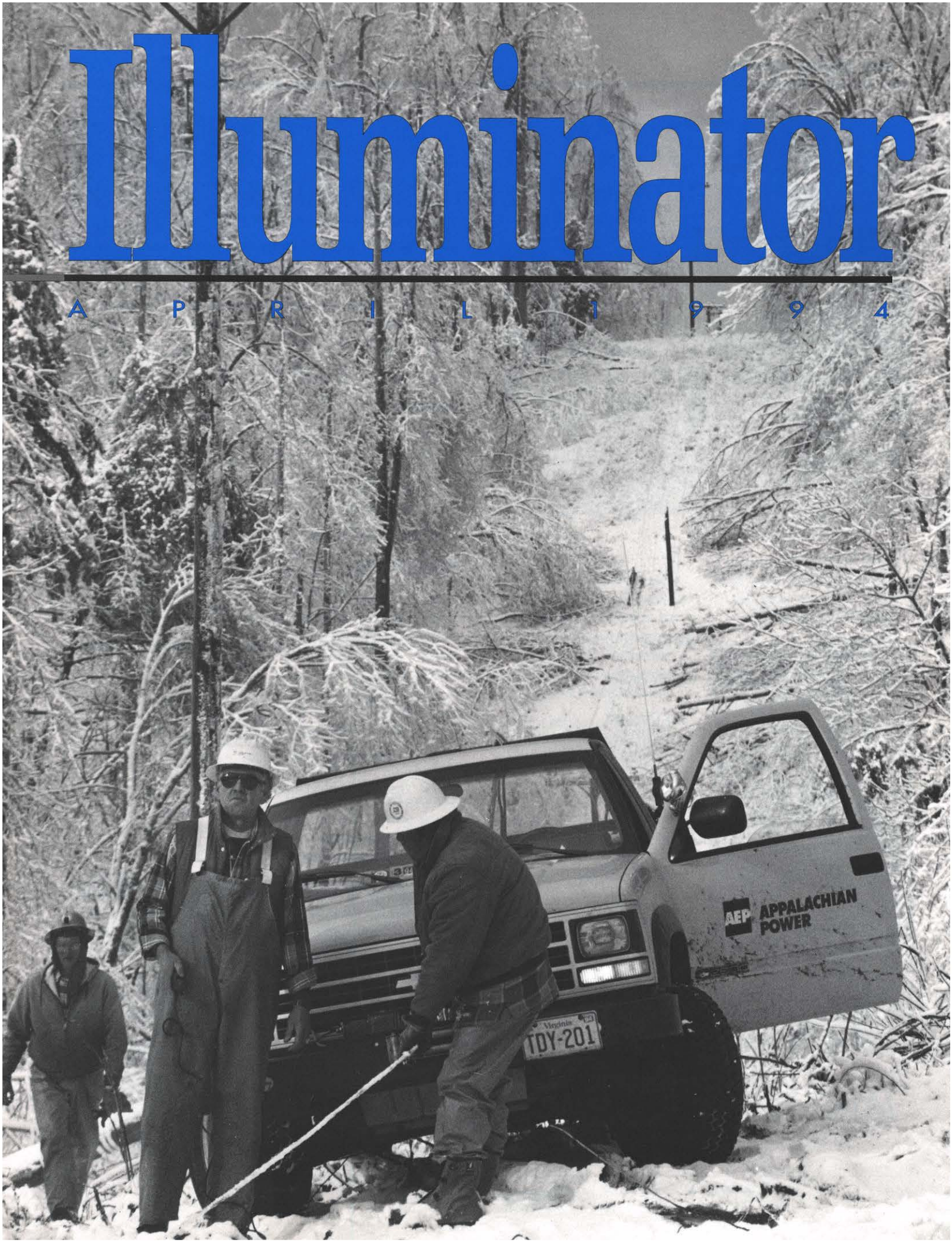
Illuminator

APRIL 1994



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About the cover:
The southern divisions of Appalachian Power Company were struck with yet another devastating ice storm last month, interrupting service to nearly 150,000 customers and causing serious damage to EHV, transmission, and subtransmission lines.

SECOND WINTER ICE STORM
Outages 148,000 Appalachian Power Customers

Yet another winter storm brought a mixture of rain, freezing rain, sleet, and snow to Appalachian Power Company's service area on March 2 and 3, interrupting service to 147,945 customers and affecting power delivery facilities serving the entire eastern portion of the company's system.

All Appalachian divisions except Charleston, Huntington, and Logan-Williamson were affected, with the major interruptions in the Lynchburg, Pulaski, and Roanoke Divisions.

For Roanoke Division, this was the most devastating storm ever in terms of customer interruptions, with more than 60,000 out of service at the height of the storm. By comparison, the ice storm of 1979 interrupted 50,000 in Roanoke Division.

According to Transmission Line Superintendent H. D. "Shorty" Brewer, this storm was the worst ever in terms of damage to the transmission system even though damage was concentrated in the southeastern portion of the service area. Three EHV lines were outaged simultaneously and two of those had phase conductors on the ground. The Cloverdale-Joshua Falls 765 kV line was outaged for several days since an entire four-bundled conductor was down. In addition, 12 138 kV and 18 sub-transmission lines were outaged, many with multiple faults at different times and at different locations.

During the course of the storm, 39 stations were interrupted, mostly due to line outages. Customer restoration could not proceed until line repairs allowed energizing of the source stations. All stations were restored by the early morning hours of March 4.

In addition to company crews and the 218 overhead and right-of-way contractor crews normally available within Appalachian Power, 358 off-system contract crews were brought in to help in service restoration. Included in the latter group were crews from Columbus and Southern Power, Ohio Power, Virginia Power, and Duke Power.

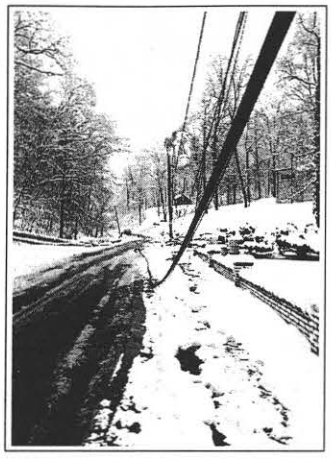
Service restoration efforts were hampered in many areas by high winds and hundreds of downed trees across roads. By noon on March 7, service had been restored to all but 275 customers in Pulaski Division and 3,740 in Roanoke Division. Service was restored to all known outaged customers on March 9.

Preliminary reports indicate 138 distribution station breakers open; 2,489 line fuses blown; 1,183 reclosers open; 964 transformer fuses blown; 1,064 broken poles; 601 broken crossarms; 11,762 primary spans down; 1,757 secondary spans down; 5,457 services repaired; 181 transformers replaced; 27,600 trees removed from lines; and 16,901 trees cut.❑

Roanoke businesses salute APCo employees

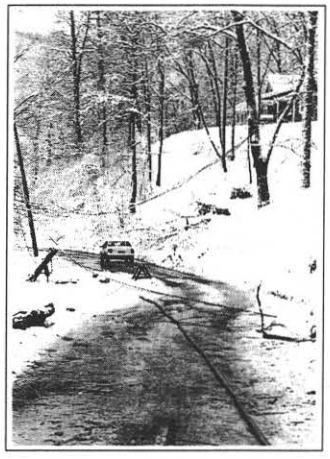
The full-page advertisement entitled Thank You, APCO!, shown on the following page, appeared in the March 13 edition of the Roanoke Times & World News. On Monday morning, March 14, employees in Lynchburg, Pulaski, and Roanoke Divisions, Roanoke General Office, and GO T&D Transmission, Bluefield were treated to donuts, compliments of Advance Auto Parts and Moore's Lumber and Building Supplies.❑

Thank You, APCO!



According to APCO officials, about 36% of it's 441,000 Virginia customers were without power during the February 11th storm.

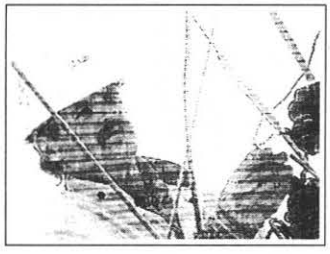
As soon as APCO crews got one line fixed, another seemed to go down.



Motorists were advised to use extreme caution as many downed power lines fell across roadways.

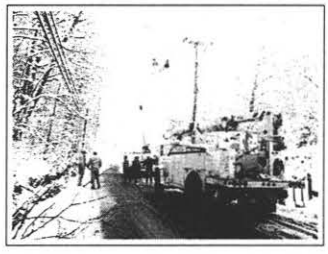
Over the past several weeks, Appalachian Power Company has been put to what must be the toughest test in their 68 year history. Back-to-back major ice and snow storms left hundreds of thousands of customers and homes without power in the Roanoke and New River Valley, Lynchburg, and other areas. For those who were affected, it was a nightmare and serves to underscore how we all take for granted the tremendous convenience of electricity and all the services it provides to homes, businesses, and our everyday lives.

But while Appalachian and all it's employees were tested, they rose to the challenge and literally performed miracles. Hundreds of linemen and others worked around the clock and in many cases 30-40 hours straight without any break; often times at great personal risk as ice covered trees and lines were falling and crashing around them.



Many APCO employees worked throughout the night braving freezing temperatures.

Ice Storm leaves thousands with no electricity. Damage is believed to have exceeded that of 89's hurricane Hugo.



APCO crews diligently battle poor conditions to restore electricity.

The companies below and all their employees, on behalf of the communities we all serve, would like to pay tribute to and salute APCO, its employees, outside contractors, VDOT, and everyone else who helped by providing assistance and support to these gallant guardians of one of our most appreciated conveniences--ELECTRIC SERVICE!

Thanks to one and all for a job well done!

EPRI comments on the EMF issue

One of the many benefits AEP will reap from joining the Electric Power Research Institute (EPRI) is that the company will participate in EPRI's comprehensive research involving electric and magnetic fields (EMF). Dr. Stanley Sussman serves as program manager for EPRI's Electric and Magnetic Field Health Studies Program, Environmental Division. Dr. Sussman received his doctorate in Applied Physics from Stanford University in 1970, a master of science from Stevens Institute of Technology, and a bachelor of science from the City College of New York, both in electrical engineering. AEP's *Current* magazine recently interviewed him on EPRI's work involving EMF.

CURRENT: What is EPRI's involvement in researching EMF and possible health effects?

EPRI has been funding research into possible biological and health effects from electric and magnetic field (EMF) exposure since its founding in 1973. Initially, the focus on the research was on laboratory studies of electric field exposures. More recently, the research has been expanded in scope and magnitude, as epidemiologic, exposure, source characterization and field management studies have been added to the laboratory work. In addition, in response to research results, the emphasis has shifted to magnetic field exposures. There is now general agreement in the scientific community that there is no substantive evidence for human health effects from electric field exposures.

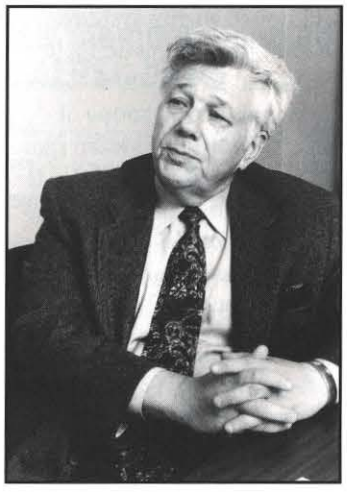
For the past several years, EPRI has sponsored the world's largest EMF research program — the 1994 budget is about $13 million. In total, EPRI has supported well over $75 million of research.

CURRENT: What is your role in EPRI's EMF research program?

I am the program manager for EMF Health Studies in EPRI's Environmental Division. My program funds research into human health and exposure studies, and biological sciences. In addition to my role as program manager, I also serve as EPRI's EMF science issue manager. In that role, I am responsible for coordinating the various EMF research areas at EPRI. These include source characterization and field management research for power transmission, distribution and end-use systems.

CURRENT: How do AEP and its operating companies support the EMF research program by joining EPRI? What services (in terms of EMF) do we gain by joining?

Through its membership dues, AEP will be supporting EPRI's EMF (and other) research. AEP will also be eligible to be part of EPRI's industry advisory structure.



Dr. Stanley Sussman

As members, AEP and its operating companies will have access to all EPRI-released EMF materials, including, of course, research results, but also including background brochures, reprints of *EPRI Journal* articles, videos and slide shows. AEP will be able to attend briefings, seminars and meetings, and will have access to EPRI staff on research-related matters.

CURRENT: How does EPRI achieve objectivity in its research?

EPRI-funded research is conducted by contract with universities, medical schools, independent laboratories and other institutions. Researchers are generally selected through the use of Requests for Proposal (RFP). Proposals are submitted to rigorous peer review performed by EPRI staff members and outside scientific experts from the research community. When a study is complete, the researchers publish their results as expeditiously as possible in the peer-reviewed scientific literature, as well as in more-detailed EPRI reports.

A Scientific Advisory Committee guides the overall direction of the EMF program and committee members participate in the monitoring of specific projects in their specific disciplines. Committee members include deans of schools of public health and are recognized experts in the medical, physical and engineering sciences.

CURRENT: What is your assessment of existing EMF laboratory research? What is your assessment of EMF epidemiologic research?

In 1992, four substantial reviews of the EMF literature were performed by scientific panels. Perhaps the two best known are those by the United Kingdom's National Radiological Protection Board and by the Oak Ridge Associated Universities. The others were done in Texas and Colorado. While they differ somewhat in detail and it is hard to briefly summarize the conclusions of major reports like these, I think it is fair to say that they all concluded that there is no established health risk from EMF exposure, but that the suggestions of possible health and biological impacts should be followed up with additional research. I personally agree with this assessment and it is the basis of EPRI's

commitment to EMF research.

CURRENT: What has EPRI done to try to understand the amount and types of EMF exposure that people encounter?

We identify this work as exposure assessment, and EPRI maintains a lead role in this area. Our exposure assessment research is divided into three areas — instrumentation development, computer modeling, and data collection and analysis. A number of EMF measurement systems have been developed and are now commercially available. The EMDEX system is intended primarily to be worn by individuals, whose personal exposure is monitored and recorded in an on-board computer. Data from the EMDEX computer are then downloaded to a PC for analysis. The Field Star 1000 is primarily used for making area surveys around electrical facilities or in buildings.

EXPOCALC, ENVIRO and RESICALC are several computer programs available from EPRI for estimating field and exposure levels in various environments. They, along with other EMF programs, are bundled together in the EMWorkstation.

EPRI also operates the Magnetic Field Research Facility in Lenox, Mass. It serves two main purposes. First, researchers use the simulated residential neighborhood to investigate the effects on magnetic field levels of various configurations of sources, grounding and house wiring systems. Second, the Magnetic Field Technical Information Center at the site hosts groups of visitors desiring to learn more about magnetic fields, and is used to train researchers and utility personnel in instrument operation and field survey protocols.

In the area of data collection and analysis, EPRI has also funded many studies of EMF levels in workplaces and homes. The EMDEX Project, for example, assembled 50,000 hours of personal exposure data for utility industry workers. This was done with the participation and cooperation of 55 utility companies. The project's main focus was on occupational exposures, but some residential data were also collected. Epidemiologic studies are collecting increasingly more-detailed exposure data. For example, the soon-to-be completed EPRI-funded study of cancer mortality in utility workers will further enhance our knowledge of occupational exposures in the electric utility industry. This study is examining a cohort of about 140,000 workers in five U.S. utility companies to evaluate primarily whether EMF exposure is linked to leukemia and brain cancer mortality. EPRI's recently completed Nationwide Residential Survey evaluated field levels and identified their sources in 1,000 randomly-selected U.S. homes. The survey identified electrical appliances, grounding systems of residences, overhead and underground power distribution lines and overhead power transmission lines as the most common residential sources.

CURRENT: We understand that AEP's contribution toward the Energy Policy Act's EMF research and communication program will be funneled through EPRI. How will EPRI's own program be affected by the national effort?

The 1992 Energy Policy Act authorized a five-year, $65-million EMF research and communication program to be jointly funded by federal and non-federal sources. The program's goals are to conduct EMF science and engineering research and to communicate its results. The key federal agencies are the Department of Energy and the National Institute of Environmental Health Sciences (a part of the National Institutes of Health). Their objectives are similar to EPRI's — to clarify the issue of human health risk, to characterize sources and exposures, and to define possible field management options.

We are pleased to see this larger, more coordinated federal role in EMF research and communication. EPRI has long supported broad-based research on the EMF question. The EPRI EMF research program is projected to continue at about current funding levels. Of course, we will be coordinating the details of our program with this new effort and, as we have been doing for many years, with other research programs in the U.S. and internationally.

CURRENT: What is EPRI's overall plan to arrive at a definitive answer to the EMF/health effects hypothesis?

Our 20-year involvement in this research has taught us that the EMF area is both complex and subtle. For example, there is no scientific consensus on a mechanism of interaction for power-frequency fields with biological systems that could affect human health. While some epidemiologic studies have provided support for a link between EMF exposure and human health effects, others have not.

The epidemiologic studies now underway — on childhood leukemia, on adult cancers and occupational exposures, on reproductive outcomes — will, we believe, shed a lot of light on the question of human health risk. And a number of well-designed animal cancer studies are also in progress. But follow-up research will certainly be needed, and EPRI plans to be involved. Our role is to provide objective, high-quality scientific and technical information on the many aspects of the EMF issue.❑

NEWS

APCo employees write for *Operating Ideas*

Nine Appalachian Power employees had articles published in the January/February issue of *Operating Ideas*.

Ray Proffitt, Mountaineer Plant maintenance mechanic A, wrote "Air Hose Racks Aid Emergency Removal of IK Slagblowers at Mountaineer Plant." To ensure that proper emergency equipment is readily available when slagblowers get stuck inside the steam generator during operation, employees fabricated air hose racks and installed them near the work site.

Steve White, electrical engineer senior, and Glenn O'Neal, station crew supervisor, both of Beckley, collaborated on "Galvanized Fence Fabric Protects Copper Ground Grids from Vandals." They described a new procedure for installation of ground grids which makes it difficult for thieves to steal the underground copper.

Joel Kirby, transmission crew supervisor NE, and Robert Blackburn, Jr., transmission mechanic A, GO T&D Transmission, Bluefield, co-authored "Tower Parts Made Thief-Proof by Permanently Locked Bolts." They developed a method to lock the nuts originally installed on aluminum transmission towers, resulting in a materials savings of $802,000 for a total company tower protection program.

Blackburn also wrote an article on "Pole Trailer Extension Satisfies W. Va. Regulations." He describes the design and construction of a trailer extension for hauling poles over 95 feet long.

Bill Wallace, Philip Sporn plant engineering technologist I, wrote "Support Stand Holds Pulverizer Housing During Rebuild Work." He told about the fabrication of a stand from I-beams and tubing, which supports the weight of the pulverizer top-half housing during removal, eliminating the use of unstable timbers.

Thomas Grubb, transformer specialist, GO T&D Station, Bluefield, penned "Wide Electrical Tape Improves Paint Masking for Transformers." The use of extra-wide vinyl electrical tape to protect items during painting results in quick removal without leaving adhesive residue behind.

Lynn Stanley, Clintwood line mechanic A, and Ronnie Gilbert, Lebanon line mechanic C, collaborated on "Tie-Wire Roller Made From Discarded Parts." They made a drill attachment which rotates empty plastic spools, reducing the amount of time required to roll aluminum wire.❑

New members elected to AEPSC board

Eighteen new members were elected to the AEP Service Corporation's board of directors for 1994 at its annual meeting held on March 8.

Of the 43-member board, a total of 18 directors (nine new and nine reelected) were elected from the seven AEP System operating companies at the annual meeting.

Newly elected to represent Appalachian Power were Larry E. Gearhart, Beckley division manager; Charles A. Powell, Mountaineer plant manager; and Charles A. Simmons, vice president. They replaced David H. Bush, Huntington division manager; R. D. Carson, Jr., vice president; and N. Randy Humphreys, Sporn Plant manager.

Joseph H. Vipperman, president of Appalachian Power, and Allen R. Glassburn, president of Kingsport Power, were reelected to the board.❑

President's accident prevention award winners named

Beckley Division, John Amos Plant, and System Operation have been presented President's Accident Prevention Awards for 1993. The awards are given annually to the division, plant, and general office department with the largest accumulation of safe work hours as of December 31.

Beckley Division employees have worked over 14 years, since December 6, 1979, without a disabling injury, accumulating 4,961,467 hours.

Amos Plant won the award for the third time, with employees completing 4,445,582 safe work hours by the end of 1993. Their record began September 30, 1989.

System Operation set an all-time consecutive calendar month record with 27 years and 11 months since the last disabling injury. During that time they have worked 4,901,422 hours safely.❑

UNDERGROUND NO PANACEA
for electric service reliability

Editor's note: Because Appalachian Power's distribution system was heavily damaged by ice and falling trees during recent winter storms, resulting in extended outages to thousands of customers, some people are advocating the widespread use of underground facilities. So that employees will be able to respond knowledgeably to customer inquiries, the Illuminator interviewed Charles A. Simmons, vice president-construction and maintenance.

Q. When did Appalachian begin the practice of underground installation of distribution facilities?

A. The network system in the downtown central business portions of cities like Charleston and Roanoke date back to the 1950s. We also have underground systems in the downtown central portions of Lynchburg, Bluefield, and Huntington.

The utilization of underground for residential customers began in the mid to late 1960s with the introduction of direct burial cable.

Q. What percentage of Appalachian Power's distribution facilities is underground?

A. About 13% of our customers are served either with underground alone or a combination of overhead and underground facilities.

Q. What is the greatest application of underground service?

A. As stated previously, the first applications were in such downtown areas as high rise buildings and enclosed shopping malls. It is really not possible to serve those areas with overhead facilities. These underground facilities are normally conduit duct bank type with vaults in the basements of the buildings or in the streets and manholes for additional access. In the residential area, by far the greatest application is in the development of new subdivisions.

We estimate that in 1993 well over 50% of the new services in Virginia and 25% of those in West Virginia were underground installations.

Q. What has been Appalachian's experience with underground service?

A. Our experience on residential underground service reliability has not been very good. In fact, cable failures have risen to such a rate that we currently are in a multi-million-dollar-a-year program to replace all of the underground cable installed prior to 1984. While we expect the new cables to perform in a better fashion, that remains to be seen and can only be determined over time.

Q. Is underground service cost-effective?

A. While underground facilities are aesthetically pleasing, there is no question but what they are more expensive. The question becomes how is the extra cost going to be covered? Our current policy is that the people who benefit from the improved aesthetics pay the additional cost. In new subdivisions, the developer pays a fee per lot predicated on the cost difference between overhead and underground in addition to providing the right-of-way, clearing trees and other obstructions, and grading the area to within a few inches of final grade. He can and generally does include this additional cost for underground in the price of the lots he sells. Our experience would indicate that underground in new subdivisions would cost two to three times that of overhead.

Q. Outside of subdivision applications, what other items add to the higher cost of underground?

A. As you get outside of a new subdivision, you have to deal with streets, streams, trees, patios, driveways, and many different types of obstructions. In subdivisions with limited traffic and where we can plan the system ahead of time, we can utilize the direct burial cable. When you have to start dealing with streets and highways, you have to put the lines in conduit systems, which greatly adds to the cost. Outside of subdivisions, the cost difference would be in the three to five times ratio.

Q. Are maintenance costs for underground and overhead comparable?

A. In 1982-83 we ran a study of underground maintenance costs versus overhead. The study showed that underground maintenance costs approximately 2.4 times that of comparable overhead — not the savings that most people attribute to underground.

Q. What problems are incurred with underground installations that are not experienced with overhead?

A. The biggest problems are cable insulation failure and metallic corrosion. Heating can also be a problem because, when you are dealing with facilities, the limits on an electrical system are its ability to dissipate heat. Bare conductor in the air has tremendous heat dissapating capability. Three feet under the ground and wrapped in insulation, you have limited heat dissapation. Other problems are dig-ins, landslides, and animals.

The perception exists that maintenance costs will be reduced with underground through less exposure to storm damage. While this is true, when the problems mentioned above are combined with the much slower repair time and high cost of repairs due to the complexity of locating underground faults, the need to excavate, the time required to prepare the cable for a splice that must be both electrically and mechanically sound, the overall result is higher maintenance cost and little, if any, increase in reliability.

Q. If underground distribution were mandated, what effect would this have on Appalachian's electric service rates?

A. My guess is it would probably double or triple the cost of service. Virginia Power, in a recent hearing before a legislative committee, testified it would double their rates to put all distribution underground. Considering the fact that Virginia Power's rates are a lot higher than Appalachian's and their terrain is a lot more suited to underground, I think it would be safe to say our rates would easily triple.

Q. Does Appalachian have an underground policy in place for customers who request their distribution facilities be placed underground?

A. Yes. We have a plan which addresses the issue of replacement of existing overhead facilities, including individual service laterals, with underground. Essentially, the customer is asked to pay the additional cost over and above that of the existing overhead service. As a practical matter, this is generally limited to the service from the pole to the house in residential application.

Q. Is the technology available for underground placement of transmission facilities?

A. Yes. For short distances and lower transmission facilities such as 138 kV, the technology has been demonstrated. Again, it is a question primarily of both installation and maintenance costs. For example, we have 138 kV underground in place for some very short distances to provide station exits at our Joshua Falls Station.

When you move into the high voltage transmission arena, you are going to have to start dealing with either pipe-type cable using oil as an insulation and cooling medium or some type of gas medium such as sulphur hexafluoride. In the late 1970s, we installed a very short section of the 765 kV at Joshua Falls Station in a pipe type cable to gain some experience with this type of installation.

Q. What impact would underground transmission have on customers' bills?

A. Such lines would cost 15 to 20 times more to place underground. These higher costs ultimately would have to be borne by our customers and would not be acceptable. For example, placing just the proposed Wyoming-Cloverdale line underground would in itself more than double APCo's entire existing rate base.

Q. What problems other than cost are associated with underground installation of transmission facilities?

A. Reliability would be lower and the environmental impact, in my opinion, would be much greater than with overhead facilities. With overhead transmission lines, you span from mountain top to mountain top, and we are quite often able to avoid any impact in the valleys. If you think about underground with 765 kV, you would be dealing with clearing right of way and digging trenches for the entire distance. You would have to clear because you have to maintain access.

Compare the environmental problem of digging a trench under the New River with spanning one line 300 feet in the air above it, and I believe most people would decide underground definitely would have more adverse environmental impact.❑

AEP TO BUY TRANSTEXT® SYSTEMS

For 25,000 homes in demand side management effort

American Electric Power Company (AEP), will purchase TranstexT® Advanced Energy Management systems for 25,000 residential customers, helping them manage energy use automatically and potentially reduce their utility bills by 12% to 15%.

TranstexT® is a convenient, interactive communications and home automation system which allows customers to operate their major electrical appliances to take advantage of an innovative system of variable pricing for electricity. By programming the operation of appliances with TranstexT®, customers can automatically avoid using electricity when the price is high, take advantage of low prices at other times, and save money overall.

"During extensive pilot testing in Ohio, Virginia and Indiana, Transtext® customers enjoyed average savings of $175 per year. More than 85% of them felt TranstexT® maintained or improved their heating and cooling comfort levels, and 93% of TranstexT® customers said they would recommend the system to a friend," said David H. Crabtree, AEP vice president - marketing.

TranstexT® was developed by Integrated Communications Systems Inc. (ICS), of Atlanta, with investment support from AEP and other companies. AEP's contract with ICS calls for a four-year effort to market TranstexT® systems in the seven-state AEP System.

"All our customers will benefit from the way TranstexT® shifts demand away from peak periods, the times at which it is most expensive for us to produce electricity," said TranstexT® project manager Joe E. McDonald, AEP assistant controller. "On average, TranstexT® customers reduced their demand for electricity 50% to 60% at the time of peak. Use of TranstexT® throughout our system will help us shave demand peaks, deferring the need for new generating plants to meet higher peak demand."

TranstexT® customers purchase electricity through an innovative variable spot price tariff, which offers electricity at one of four prices in any given hour of the day, depending on overall demand for electric power at AEP companies. Customers using electricity for heating, air conditioning and water heating are ideal candidates for TranstexT®.

At the customer's home, a TranstexT® ComSet — a special modem — receives electricity price data from the utility to inform customers about price choices they can make. Customers choose automatic settings for heating and air conditioning at four possible prices, taking advantage of the program's variable spot price tariff.

"TranstexT® automatically carries out customer energy choices, without special wiring or the need for new telecommunications devices, so that makes it ideal for installation in existing homes," said McDonald.

AEP and its operating companies are now developing a plan for expanding TranstexT® service into targeted residential communities. According to Marsha P. Ryan, Appalachian's marketing and customer services director, "the company hopes to increase the number of participants in the existing Virginia pilot program in 1994. Appalachian will seek regulatory approval to significantly expand the TranstexT® program in its two state service area."

The TranstexT® program is one of several SMART Demand Side Management (DSM) programs now offered by AEP operating companies. SMART stands for Saving Money and Resources Together. SMART programs help customers use electricity more efficiently to keep costs low and reduce the need for additional power plant construction.

Appalachian has conducted a number of SMART test programs over the past year. Some examples include:

- **Water Heater Wrap and Energy-Saving Shower Head Program** to minimize both water and energy consumption.
- **Manufactured Home Heating System Upgrade** to replace resistance heating with high efficiency heat pump units.
- **Compact Fluorescent Lamp Program** providing an incentive to encourage the purchase and use of compact fluorescent lamps to replace incandescent bulbs.
- **Comprehensive Weatherization Program** to improve the energy efficiency of low income housing units.
- **Commercial-Industrial Lighting Program** to encourage the replacement of existing lighting systems in stores and factories with higher efficiency fluorescent lamps and ballasts.

TranstexT® components are manufactured for ICS by ABB Power Transmission & Distribution Company and by Johnson Controls, Inc. Southern Company Services, a division of The Southern Company, an Atlanta, GA-based electric utility holding company, provides a system to record customer energy use.❑

39 teams compete in

Roanoke bowling tournament

Thirty men's teams and nine women's teams competed in the 1993 Roanoke Invitational Bowling Tournament at Lee-Hi Lanes in Salem, Virginia, on March 19.

Locations represented were Abingdon, John Amos Plant, Bluefield, Charleston, Clinch River Plant, Glen Lyn Plant, Fieldale, Huntington, Milton, Pulaski, Roanoke, and Williamson.

The men's division was captured by the Captain Wafers team from Roanoke with 3,033 pins. The team of Mike Lugar, Bill Booze, Brian Sheetz, Robbie Lane, and Jeff Kennedy won $200.

The Clinch River team of Donnie Rasnake, Bobby Mullins, Larry Perry, Sam Glovier, and Jevene Bowling took the second prize of $150 with 2,997 pins.

The third prize of $125 was won by the Screw Ups from Roanoke with 2,946 pins. Team members were Robert Ferris, Ronnie Polniak, Dean Hepinstall, Gary Williams, and Donnie Janey.

Winning the fourth prize of $100 were the House Ballers from Roanoke with 2,931 pins. The team was comprised of Mike Quesenberry, Mark Carr, John Galatic, Scott Konkus, and Mike Kosinski.

The Easy Rollers from Charleston placed fifth with 2,889 pins. Team members Glenn Sizemore, Jerry Holt, Charlie Ross, Mike Spencer and Ken Clark won $75.

Capturing the sixth prize of $50 was the Four Strikes team from Roanoke with 2,878 pins. Team members were Randy Perry, Bill Amos, Sam Martin, Scott Fry, and Richard Musselman.

Individual prize winners for the men were: Frank Jones of Charleston, high set scratch (583), $30; Brian Sheetz of Roanoke, high set handicap (708), $25; Rick Calhoon of Roanoke, high game scratch (237), $20; and Donnie Sink of Fieldale, high game handicap (253), $15.

Capturing first place in the women's event were the APCo Mates from Roanoke with 2,965 pins. Dividing the $85 prize were Anita Hollins, Rhonda Amos, Nancy Breeding, Bonnie Dooley, and Dixie Howard.

The Bowling Bags from Roanoke won the second prize of $50 with 2,850 pins. Team members were Robin Collins, Pat Walters, Martha Kirby, Joan Walters, and Michelle Fernatt.

Taking the third prize of $30 was the Short Circuit team from Roanoke, comprised of Tracie Campbell, Barbara Odell, Pat Short, Teresa Ratliff, and Doris Cox.

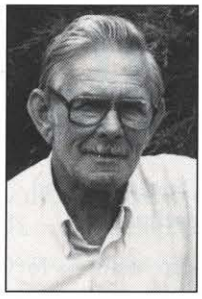
Individual prize winners for the women were: Dixie Howard of Roanoke, high set scratch (607), $20; Pat Walters of Roanoke, high set handicap (689), $15; Doris Cox of Roanoke, high game scratch (215), $15; and Bonnie Dooley of Roanoke, high game handicap (259), $10.

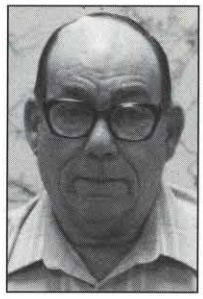
The tournament was coordinated by Ray Mullen, data processing operator A, GO Accounting, Roanoke.❑

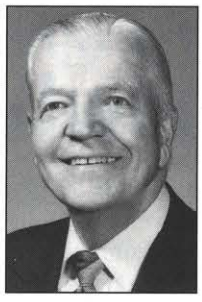
Members of the Captain Wafers team from Roanoke, which won the men's division of the bowling tournament, are, l. to r., Mike Lugar, Jeff Kennedy, Brian Sheetz, Robbie Lane, and Bill Booze.

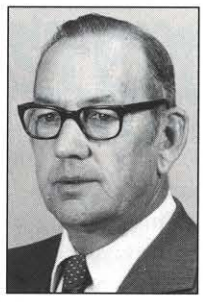
F R I E N D S W E ' L L M I S S


Smith


Gibson


Dickenson


Lazenby


Grisso

Carl W. Smith, 72, retired Beckley area servicer, died March 18. A native of Stanaford, W. Va., he began his career in 1949 as a lineman B and elected early retirement in 1983. Smith is survived by his wife Gracie, P. O. Box 326, Ansted, W. Va.; one son; two daughters; and seven grandchildren.

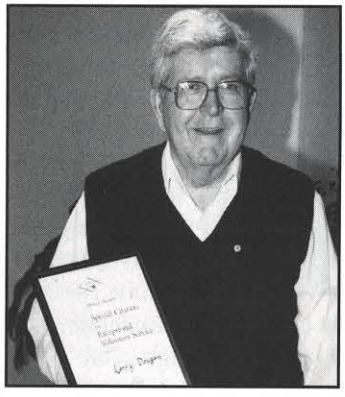
Lloyd Willis Gibson, 68, retired John Amos Plant maintenance mechanic B, died January 19. A native of Putnam County, W. Va., he was hired in 1973 as a maintenance man C and elected early disability retirement in 1990. Gibson is survived by his wife Peggy, 2965 Montana Avenue, Hurricane, W. Va.; one son; two daughters; six grandchildren; and one brother.

Thomas A. Dickenson, 66, retired Beckley line construction and maintenance representative, died January 21. A native of Epperly, W. Va., he began his career in 1945 as a junior clerk and elected early retirement in 1990. Dickenson is survived by his wife Patricia, 107 Glenn Avenue, Beckley, W. Va.; two sons; and one grandchild.

Kenneth Lazenby, 77, retired Beckley right of way supervisor, died March 4. A native of Princeton, W. Va., he was employed in 1937 as a right of way agent and retired in 1986. Lazenby is survived by his wife Nell, 518 Maxwell Hill Road, Beckley, W. Va., and one son.

Benjamin Melvin Grisso, 80, retired Roanoke customer services representative, died March 6. A native of Roanoke, Va., he was hired in 1948 as an auto mechanic B and elected early retirement in 1975. Grisso is survived by his wife Sue, 2405 Barnside Court, Salem, Va.; two sons; one stepdaughter; six grandchildren; one great-grandchild; two sisters; and one brother.❑

Red Cross honors Dougan for volunteer service


Dougan

Larry Dougan, retired personnel supervisor, GO Human Resources, Roanoke, was honored by the Roanoke Valley Chapter, American Red Cross with a Special Citation for Exceptional Volunteer Service.

"I believe in the Red Cross. It's very meaningful to me to help other people and serve the community," Dougan said.

Dougan began his 45-year association with the Red Cross as a first aid instructor in Logan, W. Va. He was active in the blood program in West Virginia when it began in 1950.

A 12-gallon blood donor, Larry once did a directed donation for a friend. She was excited because she hoped his blood would help her dance as well as he.

After moving to Lynchburg, Va., he was a publicity chairman for the Bloodmobile program. In Roanoke, he has served on disaster committees and been a disaster committee chairman. In presenting Dougan's award, a Red Cross spokesperson stated, "The man knows no limits. At bloodmobiles or in the donor room, he pitches in to do whatever needs to be done. He doesn't talk about the extent of his activities. He just does his work and gives everyone a smile."

In addition to his Red Cross activities, Dougan just received a 10-year certificate for serving as chairman of the Selective Service Board of the City of Roanoke.❑

Ronnie McMaster, Williamson automotive mechanic A, was promoted to Logan automotive supervisor nonexempt on January 17.

Jeff Achauer, Pulaski electrical engineer II, was promoted to electrical engineer I on January 1. He holds a bachelor of science degree in electrical engineering from North Carolina State University.

Robert McGlocklin, Jr., Abingdon general servicer, was promoted to line crew supervisor nonexempt on March 5.

Brenda Beckett, John Amos Plant utility worker, was promoted to utility supervisor on February 1.

John Lester, Amos Plant performance supervising engineer, was promoted to production superintendent-operations on January 16. He holds a bachelor of science degree in electrical engineering with West Virginia Institute of Technology.

Joe Moore, Pearisburg line mechanic A, was promoted to line crew supervisor nonexempt on February 26.

Shawn Smith, engineer I, was promoted to engineer senior, GO T&D Station Engineering and Design, Roanoke, on January 1. He holds a bachelor of science degree in electrical engineering from West Virginia Institute of Technology.

Tim Kerns, Philip Sporn plant engineer I, was promoted to plant engineer senior on February 1. He holds a bachelor of science degree in mechanical engineering from West Virginia Institute of Technology.

Jerry Perry, Philip Sporn plant engineer I, was promoted to plant engineer senior on February 2. He holds a bachelor of science degree in mechanical engineering from West Virginia University.

Abingdon

Larry Thompson from line mechanic C to line mechanic B.

Beckley

Wayne Farley from engineering technician senior to engineering technologist I.

Cindy Hoover from stenographer to secretary-stenographer B.

Rita Taylor from T&D clerk B to T&D clerk A.

Bluefield

Donald Walker from line mechanic C to line mechanic B, Welch.

Charleston

Penny McGinnis from station mechanic B to customer services representative D.

David Stanley from station mechanic D to station mechanic C.

David Robinson from line mechanic D to line mechanic C.

Leon Brotsky from line mechanic D to line mechanic C.

Clinch River Plant

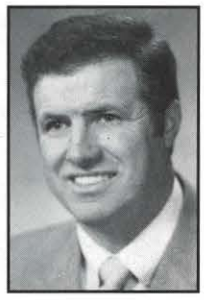
Roger Kiser from maintenance mechanic B to maintenance mechanic A.

Jimmy Akers from industrial hygiene technician junior to industrial hygiene technician.

James Fields from maintenance mechanic C to maintenance mechanic B.

McMaster

Achauer



McGlocklin

Beckett

Lester

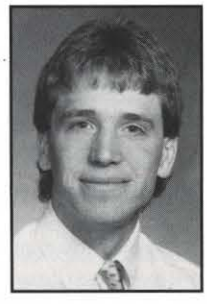
Moore

Glen Lyn Plant

Larry Wiley from maintenance mechanic B to maintenance mechanic A.

Karen Fowler from maintenance mechanic B to maintenance mechanic A.

Gregory Lee from maintenance mechanic C to maintenance mechanic B.



Smith

Kingsport

Kathy Snapp from customer services representative III to customer services representative II.

Lynchburg

Tommy Meador from line mechanic D to line mechanic C.

Mike Barksdale from line mechanic B to general servicer.

Roy Slaughter from line mechanic C to line mechanic B.

Roger Shepherd from line mechanic C to line mechanic B.

Pulaski

Paul Teany, Jr. from line mechanic D to line mechanic C, Christiansburg.

Philip Sporn Plant

Robert Hysell from maintenance C to maintenance mechanic B.

David Carpenter from maintenance mechanic C to maintenance mechanic B.

Steven Kinzel from maintenance mechanic C to maintenance mechanic B.❑

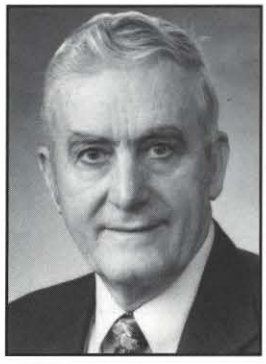
"One month to the day after I got out of service, I came to work as a junior clerk in Logan," recalled **Frank Queen**. "Three days later the telephone company called, but I decided to stay with Appalachian since it paid $50 a week and the phone company paid $47.50. I haven't regretted that decision a minute!"

He added, "Appalachian Power has treated me more than fair. I have had several serious illnesses and never missed an hour's pay. I would just like to thank the company for that. I also enjoyed working with everybody."

Frank, a right of way agent in Logan, elected early retirement on April 1 after 37 years' service.

A member of the American Legion and Hillbilly Bass Club, he enjoys fishing and making fishing lures. An Air Force veteran, he was stationed at Tokyo (Japan) International Airport during the Korean War.

Frank and his wife Jacqueline have one son, one daughter, and four grandchildren.❑



Jack Hagerman's 36-year career with Appalachian Power was a continuation of his construction background.

"I grew up in a construction family," he said. "When I was in the Navy in Greenland, we moved a mountain and put a big air base underneath. Then I went to Newfoundland and helped build a 5,000 foot extension on a runway there. After that I was involved in a lot of construction while in the Seabees."

In 1958 he joined Appalachian as a transmission engineer in GO T&D Transmission, Bluefield, after graduating from Indiana Technical College with a BS degree in civil engineering.

"The company was going through a big expansion period," Jack recalled. "I started working on the transmission lines coming out of Clinch River Plant. We used a helicopter for the first time in construction of the 138 kV line coming out of Big Sandy.

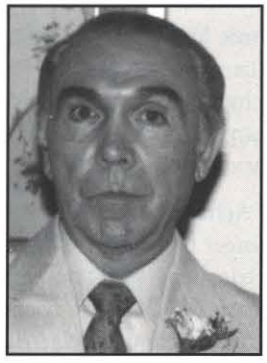
"I remember in 1966, when the 765 kV line project was being assembled, no one knew the magnitude of what was expected." Jack is the last of the 765 kV originators. "I worked at the 765 kV test site," he recalled.

"Since I assumed the job of transmission supervising engineer in 1970, I have been involved in the construction of about 2,500 miles of transmission line, including about 1,000 miles of 765 kV. I've never had very many dull moments. Working with vendors, contractors, and fabricators as well as having landslides, ice storms, and tornadoes made the job interesting!" he said.

Jack worked closely with AEP and all Appalachian divisions as well as Kingsport, Wheeling, and Kentucky Power.

Following his early retirement on April 1, Jack plans to "travel, spoil my six grandchildren, improve my golf game, hunt and fish."

He is past president and past secretary of the Bluefield (Va.) Kiwanis Club and currently serves on the board of directors. He also is vice president of the Bluefield Union Mission; Sunday School teacher at Graham Presbyterian; and active in the Children's Mission of Bluefield, Va.❑



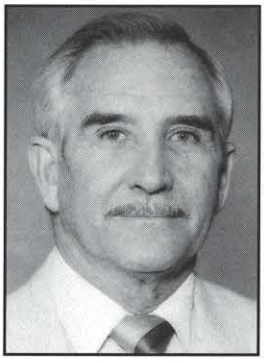
"Appalachian has been a good company and I've enjoyed working with the employees," said **Stoney Jackson**, Abingdon stores attendant A, who retired on April 1.

Hired in 1950 as a meter helper, he served two years in the Army during the Korean War. When Stoney returned from service, the Meter Department had been relocated to Bluefield. He worked as a groundman for three years before transferring to Stores in 1956 as a material clerk.

"I liked the work in Stores much better than in the Line Section," he said. "Doing storeroom audits and trying to reconcile records posed somewhat of a challenge, and I enjoyed that."

Stoney's plans for retirement are indefinite but he will stay busy. His first love is the railroad, and he hopes to make some trips on Amtrack. He also has some model trains to set up.

Stoney and his wife Eula have two daughters. He is a member of Main Street Baptist Church in Abingdon, the American Legion, and VFW.❑



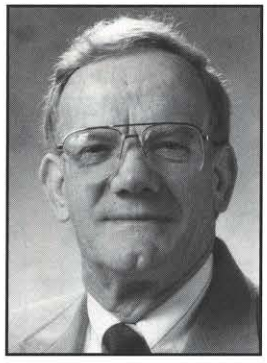
"It's been a good 41 years," said Fieldale Line Crew Supervisor **Dillard Gravely** about his career with Appalachian Power.

On vacation for several weeks prior to his April 1 retirement, Dillard admitted feeling "kinda guilty" about not working during the major winter storms which hammered Appalachian's service area then. "I knew what was going on and how bad it was. I was real glad when they got all the customers back in service," he said.

Dillard's plans for retirement include spending more time with his son, three daughters, and six grandchildren. He also enjoys working in his yard and shop, bicycle riding, bird watching, and traveling.

He said, "I'm already working on getting in better physical shape by walking and doing calisthenics. I bought my wife Lois a bicycle for Christmas, and we have some trips planned. In April we're going to Calloway Gardens in Georgia, where we plan to tour the whole park via the bicycle trails. We also like to take our bikes to the beach."

The Gravelys attend the Lutheran Church in Martinsville.❑

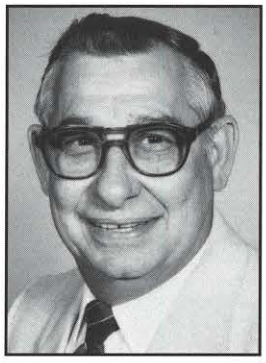


"I thoroughly enjoyed my stay. I hope they enjoyed my being there, and I hope I helped them," said **Aubrey Powell** about his 25-year career with Appalachian Power. He was a station drafter A, GO T&D Engineering Graphics, Roanoke, before electing early retirement on April 1.

Aubrey taught at both Roanoke Catholic High School and the Arnold R. Burton Technology Center before joining Appalachian in 1969. His wife Ardist retired from the Roanoke County School System last year.

"We plan to do a lot of traveling," Aubrey said. "Our son lives in Winston-Salem, N. C., and our daughter in Charleston, S. C., and we visit them several times a year. Some of our favorite places to go are Myrtle Beach; Disney World; Montreal, Canada; Eureka Springs, Arkansas, to see the passion play; and Branson, Missouri. We're also planning a trip to Phoenix, Arizona."

Aubrey is a deacon at Enon Baptist Church and on the board of directors at Blue Hills Golf Course. He is very active in the Lions Club's work to benefit the blind.❑



After 43 years and five months with the AEP System, **Bill Knapp** elected early retirement on April 1. He began his career with Ohio Power in 1950 as an apprentice clerk with GO Transmission at Portsmouth. "Our group was working on the Sporn-Millbrook Park 138 kV line," Bill recalled.

"In December of that year, we had a big storm with snow knee deep and the power off everywhere. I was riding to work with an A lineman; and, because of the storm, he was held over for three days. I was sitting there in the office waiting on him, and they said 'since you aren't doing anything else, you may as well answer the phones'. I hadn't been there long enough to hardly know what was going on! That storm was comparable to the ones on January 4 and February 11 of this year," Bill said. "I won't ever forget those. They were the worst shifts I ever worked in my life!"

Knowing that the draft was getting close, Bill volunteered for military duty in March 1953 and served with the Army's First Cavalry Division in the Korean Conflict.

"I was already in Japan, sitting on my foot locker, when I opened the draft greetings from Uncle Sam," he added.

Bill saw the 1954 Olympics in Japan but doesn't expect to go back for the winter Olympics there in four years. "I'd like to see Mt. Fujiyama again, but I'll just have to look at it in pictures," he said. "I don't like to fly, and I don't like the water, and I can't ride a horse that far!"

Bill moved to Ohio Power's General Office as an operator in 1958 and became regional dispatcher in 1963. He transferred to Appalachian's Tri-State Dispatch Center in 1968 after the Millbrook Park Dispatch Office closed.

"When I first started in Dispatch at Millbrook Park, we were located on the second floor above the synchronous condenser," he said. "When it groaned and vibrated the building, we knew we had a problem. Now our fancy alarm system generally lets us know where the problems are in the stations."

Bill added, "When they first started talking about using computers in Dispatch, I wondered what we would use them for. We haven't had them that long, but now we can't get along without them."

Bill said he doesn't plan to do "anything different at the house than what I have been" after retirement. He and his wife Carolyn have two sons, two daughters, and two granddaughters. He enjoys trout fishing, and raises cows, chickens, and a few vegetables on his place at Franklin Furnace, Ohio.❑

Spending more time with her grandchildren and perhaps raising a garden are some of the plans Milton Custodian **Reba Stewart** has following her April 1 retirement. She also is considering a visit to the Holy Land with a tour group.

Reba was hired on a part-time basis in 1977 and became a full-time employee in 1986. "I've enjoyed working," she said, "especially since the new office and service building opened."

Now Reba hopes to have more time for embroidery work and activities at her church, Bethany Baptist. She also expects to join a local senior citizens group.

She often visits her son, who lives nearby in Culloden, and enjoys babysitting with her grandson.❑

Peggy Grose, Huntington customer services office supervisor nonexempt, elected early retirement on April 1.

She began her career in 1954 as a junior clerk for $37.50 a week. "That was $5 more than the starting salary for the job because of my experience," she recalled. "I also was required to furnish my own pen. Young people today just wouldn't believe it," she said with a laugh.

Peggy worked part-time while raising her son and became a full-time employee once again in 1988. "Many people have come and gone over the years," she said, "but my greatest joy was my fellow employees. I always loved 'credit work,' " she added.

On long term disability leave since August 1993, Peggy said the company's LTD benefit has been a lifesaver. "It enabled me to have a period of adjustment."

Peggy's plan for retirement is to "strive for peace, contentment, and joy." She and her husband Lyle, retired station supervisor nonexempt, live in rural Cabell County, with their son and daughter-in-law nearby.

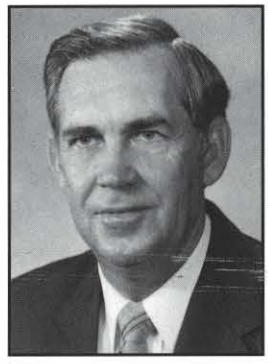
Peggy sings in the choir at Sunrise United Methodist Church, where she has been treasurer since 1957. She will keep busy with her hobbies of reading, knitting, and playing the piano, dulcimer, and guitar.❑

"I enjoyed having a steady income for 24 years and not having to worry about being laid off," said **Kenneth Chambers**. He was an automotive mechanic A in Charleston before electing early retirement on April 1. Kenneth added, "Appalachian has a fine group of people, and I enjoyed working."

Kenneth bought a new car, new truck, and new camper in anticipation of traveling but won't be able to go too much until after his wife Rosella retires in a year or so.

He also purchased a farm, primarily for hunting. "My 7-year-old grandson is wanting to go fishing so I'll be busy with him," Kenneth said.

The Chambers' have two sons, two grandsons, and two granddaughters. They attend the Church of God at Ashford.❑



Tivis Wright, Abingdon line crew supervisor nonexempt, elected early retirement on April 1.

He began his utility career in 1965 as a lineman helper and had advanced to general servicer by 1979. He was promoted in 1986 to the position he held at retirement.

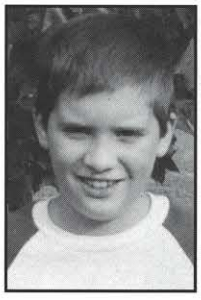
Tivis is proud to have worked nearly 29 years without a disabling injury.

His plans now are to "work for a survey party, piddle around, and travel a bit." He enjoys fishing and attends Fellowship Baptist Church at Meadowview.

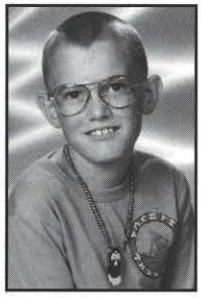
Tivis and his wife Janie have one daughter and one grandson.❑

Philip Sporn

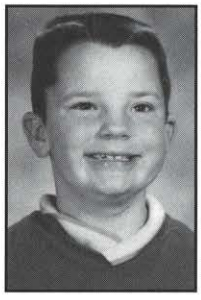
by Jill LaValley



Hawk



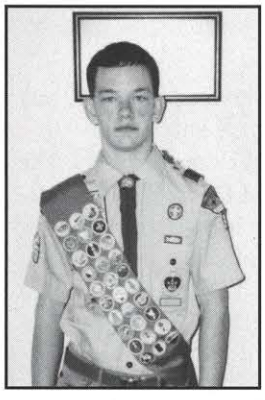
Morgan



Davis

Derek, son of Coal Equipment Operator Kelly Hawk, and **John Robert**, son of Jerry Morgan, maintenance mechanic B, won first place in their age groups in the DAR essay contest on "Coming To America In Colonial Days." Both boys received medals, and their essays will represent Mason County in the state competition. Derek is a sixth grader and John Robert a fifth grader at Mason Elementary School.

J. P., son of John Davis, PIMS analyst, was the top popcorn salesman in the MGM District for 1993, selling 250 units totaling $1,339. He won an autographed Terry Bradshaw football and $100 worth of Scouting merchandise.❑

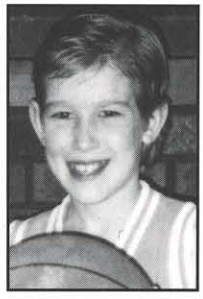


Eagle Scout

Andrew Jones has earned the rank of Eagle, Boy Scouting's highest honor. A member of Troop 259, he was presented the award by Scoutmaster Clifton Gordon, Sporn Plant supervising engineer, and Assistant Scoutmaster Charles Henson. The son of Gary Jones, assistant Sporn Plant manager, Andrew is a brotherhood member of the Order of the Arrow, Thal-Coo-Zyo Lodge 457. He has attended Wilderness Rangers, a high adventure camp sponsored by the Tri-State Area Council; Philmont Scout Ranch, New Mexico; and the 1993 National Scout Jamboree at Fort A. P. Hill, Virginia.❑

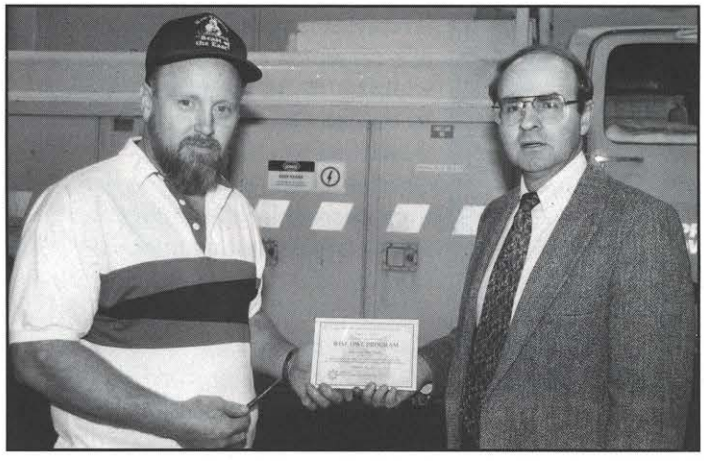
Logan-Williamson

by John Skidmore



Kristopher, son of John Myers, marketing and customer services supervisor, represented Danville Grade School in the all-state chorus performance in Huntington, W. Va. He played the lead role of Santa Claus in the school's musical, "Shapin' Up Santa" and won second place with his science fair project on "caffeine in kids." Kris is a member of the Danville Eagles basketball team and active in Little League and Boy Scouts.❑

Wise Owl Award



Darrel Akers (left), Beckley automotive mechanic A, knows from experience the value of wearing protective equipment. While he was seating bearings on a differential case, a punch splintered, sending a steel fragment into the left lens of his safety glasses. Beckley Division Manager **Larry Gearhart** (right) presents Akers with a membership in the Wise Owl Club, sponsored by the National Society to Prevent Blindness.

What's new?

If you don't see news in this issue about your activities or what's going on with your co-workers, give the associate editor for your location a call. The Illuminator associate editors are listed on page 2 of every issue.

Abingdon

by Bill Roeser

Kelly Lynn, daughter of David Spencer, Marion line mechanic A, won first place in the American history essay contest sponsored by the Royal Oak Chapter, Daughters of the American Revolution. She is a sixth grader at Chilhowie Elementary School.

New officers of the Abingdon Employees Club are: **Jeff Davenport**, engineering technologist I, president; **Daryl Vaught**, engineering technician, vice president; **Brenda Price**, secretary-stenographer A, secretary; and **Beth Blanton**, marketing and customer services advisor, treasurer.❑

John Amos

by Tom Cloer

Jeremy, son of Braker Rudy Liptrap, was presented a Katana (sword) for winning the All Points Award given by the Seiei Kar Karate Academy. He is coached by Dale Thayer, Charleston line mechanic A, who is a third degree black belt. Jeremy, a purple belt, has won numerous trophies and awards for competition in Open Hand Kata, Weapons Kata, and Kumite (fighting) throughout West Virginia, Ohio, and Kentucky. He will be competing in the upcoming W. Va. Qualifier with hopes of going on to the National Qualifier in Ohio and the National Championships in Florida.❑

Beckley

by Dana Perry

Monishia Howard, stepdaughter of Line Crew Supervisor Joe Charles Thomas, was named to three all-tournament junior high school volleyball teams in Raleigh County. She also received a national band and music award.❑

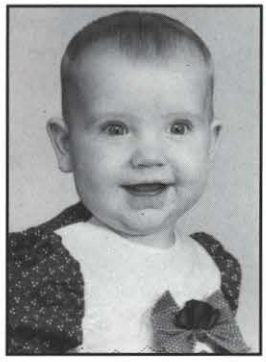
Centralized Plant Maintenance

by Debra Carder

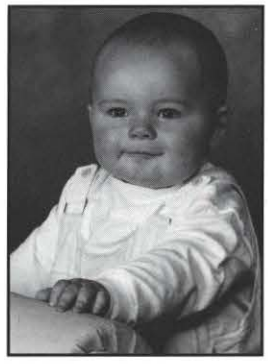
Manager **Roger McKinney** has been named a participant in the 1994 class of "Leadership West Virginia." A leadership development and education program affiliated with the West Virginia Chamber of Commerce, Leadership West Virginia identifies emerging leaders throughout the state and enhances their personal leadership skills while enriching their knowledge of not only the challenges facing West Virginia but also the diversity and unique attributes of the Mountain State.❑

Bluefield

by Karen Simmons



Crane



Bourne

Two employees' children won the Bluefield Daily Telegraph's "Baby of the Year" contest. They are **Kellie Yvonne**, daughter of Kevin Crane, line mechanic D, and **Joseph Tanner**, son of Beth Bourne, stores clerk C.

Mary Rebecca, daughter of Gary Cunningham, Princeton area T&D scheduler, was first chair saxophone and fourth chair flute in the Mercer County All-County Band, 14th chair saxophone in the West Virginia All-State Band, and fourth chair saxophone in the West Virginia University Honors Band.❑

Charleston

by Charlie Bias

Wayne Pugh, marketing and customer services manager, was appointed to a three-year term on the home and energy committee of the National Association of Home Builders. The committee works with the Department of Energy, HUD, and other utility and industry associations to formulate policy and recommend action for the NAHB board of directors.❑

Roanoke

by Vickie Ratcliff

Victor Gravely, marketing and customer services advisor, was one of three African American male citizens honored as a "1994 Brother to Brother Role Model" sponsored by the national sorority of Phi Delta Kappa, Inc. The professional teachers organization is dedicated to the task of training youth of America to cope satisfactorily and effectively with today's problems and believes education to be a potent factor in maintaining and perpetuating democracy as the most ideal form of life.❑

General Office

by Earl Smith

Haley, daughter of David Atkins, payroll clerk A, GO Accounting, Roanoke, was crowned queen and voted most photogenic in the 0-12 month category of the Sweetheart Pageant at Crossroads Mall. Local pageant winners are eligible to participate in the national competition at Pigeon Forge, Tenn., this July. Haley's dress and accessories were gifts of Susan Bauer, Huntington human resources clerk B.

Kristi, daughter of Jack Kirby, staff engineer, GO T&D Administrative, Roanoke, won the Cave Spring Junior High School spelling bee and will represent the school in county competition. She also was selected for All-District Band.

Joe Vipperman, president of Appalachian Power, is honorary chairman of "Lunch on the Lawn '94," the League of Older American Area Agency on Aging's annual fund-raiser for Meals-on-Wheels.❑

Huntington Retirees Club Officers

New officers of the Huntington Retirees Club are, l. to r., Mary Anderson, secretary; Sue Schwartz, treasurer; John Bartholomew, president; and Ken Morris, vice president.

Lynchburg

by Mel Wilson

Debi Watkins, human resources clerk A, has been certified by the Commonwealth of Virginia as an emergency medical technician (EMT). The certification permits her to render pre-hospital care to victims of accident or medical emergency. Debi has applied for membership in the Concord Rescue Squad.

Michael, son of Debi Watkins, was elected co-captain of the 1994 Rustburg Boys' Tennis Team.

Barry Snodgrass, division manager, was elected vice president/president elect of the board of directors of the Greater Lynchburg Chamber of Commerce for 1994. He also was elected vice chairman of the board of Central Virginia Industries, an employer association of 100 companies.❑

Pulaski

by Glenda Wohlford

Chavon Rogers, daughter of Vanessa Black, customer services representative B, received the Becky Hall Award as a member of the Red Raiders sandlot cheerleading squad sponsored by the Town of Pulaski Parks & Recreation Department. The award, given in memory of Becky Hall who died from a rare illness in 1985, recognizes leadership, attendance, and spirit.❑

Miller-Harvey
Karla Harvey to **Richard Miller, Jr.**, car dumper, John Amos Plant, February 11.

Tomm-Courtney
Deborah Courtney, Lynchburg electrical engineer II, to Matthew Tomm, February 26.

Harton-Blevins
Carmen Blevins to **Daniel Harton**, Abingdon electrical engineer senior, December 13, 1993.

Riggs-Cook
Catherine Lynne Cook to David Eugene Riggs, January 8. Cathy is the daughter of Jimmy Cook, Abingdon station mechanic A.

John Amos

George R., son of **Donald Hamrick**, maintenance mechanic B, March 18.

Catherine B., daughter of **Christie Kenney**, performance technician junior, March 15.

Bluefield

Chrissie Elizabeth, daughter of **Shelia Cline**, T&D clerk B, January 31.

Sarah Elizabeth, daughter of **David Gordon**, engineering supervisor, February 12.

Charleston

Adam Conner, son of **Andy Chapman**, line mechanic A, January 17.

Zachary Thomas, son of **Leon Brotsky**, line mechanic C, January 24.

Clinch River

Cheyenne Casey, daughter of **Travis Woods**, equipment operator C, March 11.

General Office

Jason Cory, son of **Mark Carr**, engineer senior, GO T&D Engineering, Roanoke, March 1.

Huntington

Jonathan Clay, son of **Arnold Mitchell, Jr.**, Ripley line mechanic C, February 7.

Lynchburg

Jennifer Leigh and James Emmett III, twin daughter and son of **Jim Hines**, line and station superintendent, February 17.❑

SERVICE ANNIVERSARIES

Elizabeth Scott
stores clerk A
Beckley
45 years

Dan Janosko
engineer senior
GO-Roanoke
45 years

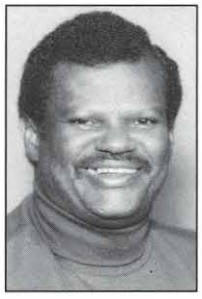
George Johnson
cont. tech. sr.
Mountaineer
40 years

Paul Dalton
garage supv.
Bluefield
35 years

Bob Kilgore
division manager
Pulaski
35 years

Judy Caldwell
R/e & R/w sp. clk.
GO-Roanoke
30 years

Nowlin Maddox
general servicer
Lynchburg
30 years

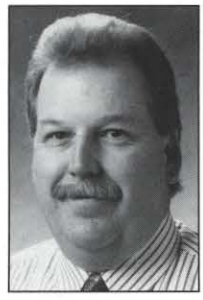


Louis Woodward
general servicer
Fieldale
25 years

Ona Willard
hum. res. clk. A
John Amos
25 years

Rodney Black
tax actg. sp. clk.
GO-Roanoke
25 years

Jackie Bundy
T&D off. supv.
GO-Bluefield
25 years



Larry Hubbard
draft. supv.
GO-Roanoke
25 years

Tom Owen
sta. crew supv.
Fieldale
25 years

P. W. Hall
unit supv.
John Amos
25 years

Aubrey Powell
station drafter A
GO-Roanoke
25 years

Bob Chafin, Jr.
line crew supv. NE
Charleston
25 years

Robert Trent
eng. tech. I
Abingdon
25 years

Guy Ferguson
el. test spec.
GO-Roanoke
25 years

Ted White
division mgr.
Bluefield
25 years

Spencer Oxford
auto. mech. A
Welch
25 years

Wayne Sink
sta. supv. eng.
GO-Roanoke
25 years

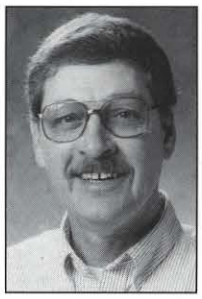
Jack Sudderth
elec. test spec.
GO-Roanoke
25 years

Joe Haynes
pub. aff. coord.
John Amos
25 years

Andy Siers
tr. line crew. supv.
GO-Bluefield
25 years

SERVICE ANNIVERSARIES

Ronald McLaughlin
general servicer
Pineville
25 years



Eddie Allie, Jr.
customer servicer
Roanoke
25 years

Dave Brooks
prod. supt.-yd.
John Amos
25 years

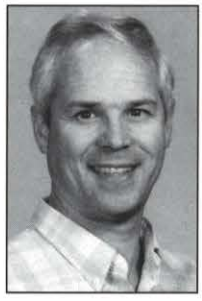
G. Higginbotham
unit supervisor
Glen Lyn
25 years

Ronnie Ferrell
meter elec. A
Williamson
25 years

Hubert Lester
service supv.
Williamson
25 years

Charles Stull
line crew supv. NE
Roanoke
25 years

Burnett Dotson
collector
Williamson
20 years



John Jeffries
plt. eng. tech. I
John Amos
20 years

Charles Bryant
line crew supv. NE
Clintwood
20 years

Dave Arthur
mach. 1st cl.
CMS
20 years

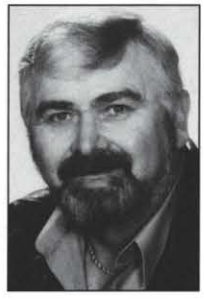
Mike Johnston
stores attd. sr.
CMS
20 years

Larry Betterton
hydro crew supv.
GO-Roanoke
20 years

Larry Dye
cont. tech. sr.
John Amos
20 years

Jim Wertz
eng. tech. I
GO-Roanoke
20 years

Steve Shivley
line mech. A
Stuart
20 years



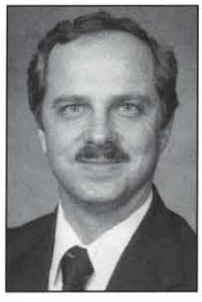
Claude Breeding
asst. yd. supt.
John Amos
20 years

Dick Miller
car dumper
John Amos
20 years

Keith Chapman
coal equip. op.
John Amos
20 years

Ron White
sta. mech. A
Huntington
20 years

Joe Stewart
pwr. eq. mech.
CMS
20 years



Larry Slusher
hydro disp.
GO-Roanoke
20 years

Lewis Wood
prod. coord.
CMS
20 years

Faye Burnette
T&D clk. A
Fieldale
20 years

SERVICE ANNIVERSARIES

Abingdon

15 YEARS:

Randall Fields
line crew supervisor NE, Lebanon

John Amos

20 YEARS:

Evert Chapman
unit supervisor

15 YEARS:

Jeff Huffman
unit supervisor

Jerry Jeffers
equipment operator B

John Hall
control technician senior

James Poindexter
coal equipment operator

John Sutphin, Jr.
maintenance mechanic A

10 YEARS:

Paul Gunnoe
maintenance mechanic B

Terry Jarrett
maintenance mechanic B

5 YEARS:

Robbie Fleming
plant engineer senior

Bluefield

15 YEARS:

Jerry Blessing
station mechanic A

Central Machine Shop

15 YEARS:

Olin Blain
power equip. mech. lst class

Danny Romaca
power equip. mech. 1st class

5 YEARS:

Gerry Garbin
winder 2nd class

Lenny Haberbosch
winder 2nd class

Centralized Plant Maintenance

15 YEARS:

Dave Adams
maintenance mechanic welder

Joe Loftis
maintenance mechanic

John Lyons
maintenance mechanic welder

Charleston

15 YEARS:

Thomas Duttine
line mechanic A

10 YEARS:

Keith Shaffer
station mechanic A

5 YEARS:

Kenneth Burdette
line mechanic C

Clinch River

25 YEARS:

Spencer Foster
maintenance mechanic B (LTD)

15 YEARS:

Pauline Kiser
unit supervisor

10 YEARS:

George Jessee
maintenance mechanic C

Stephen Rasnake
equipment operator B

5 YEARS:

Travis Woods
equipment operator C

General Office

15 YEARS:

Dianne Vest
meter clerk B
GO T&D Meas., Roanoke

10 YEARS:

Tim Thomas
electric plant clerk A
GO Accounting, Roanoke

Felix Vasser
reservoir groundskeeper
GO Hydro, Pennhall Tr. Ctr.

David Adkins
payroll clerk A
GO Accounting, Roanoke

5 YEARS:

Earl Smith
human resources assistant
GO Human Resources, Roanoke

Jason Griffith
engineer I
GO T&D Telecom., Roanoke

Bozena Nowak
station drafter C
GO T&D Eng. Graphics, Roanoke

Dale Smith
engineer I
GO T&D Station, Marmet

Glen Lyn

15 YEARS:

Jackie Moore
maintenance mechanic B

Roger McCroskey
equipment operator A

10 YEARS:

Randy Wall
equipment operator B

Mark Repass
coal equipment operator

Gregory Lee
maintenance mechanic B

Jerry Worrell
breaker

Danny Richardson
equipment operator B

Huntington

5 YEARS:

Steve Smith
automotive mechanic A

Darrell Hardman, Jr.
meter reader, Ripley

Brian Sarrett
engineering technician

Logan-Williamson

15 YEARS:

James Siggers
custodian, Williamson (LTD)

5 YEARS:

Mearlyn Tomblin
stenographer, Logan

Mountaineer

20 YEARS:

Okey Hatcher
maintenance mechanic A

Nick Hill
maintenance mechanic A

Roanoke

15 YEARS:

David Keith
engineering technologist I

Philip Sporn

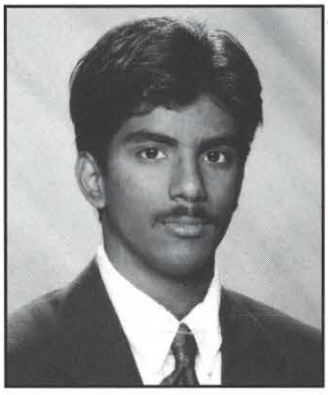
10 YEARS:

Gary Bumgarner
maintenance mechanic A

John Blair
supv. eng.-env.❑

Congratulations, education award winners

Allen



Kanth

Children of two Appalachian Power Company employees are among the 34 winners of 1994 AEP System Education Awards. They are Rachel Allen, stepdaughter of Jim Perry, labor relations manager, GO Human Resources, Roanoke, and Hrishi, son of Hrudaya Kanth, chief chemist, John Amos Plant.

Each of the winners will receive $6,000 over a three year period: $2,500 for the freshman year of college, $2,000 for the sophomore year, and $1,500 for the junior year.

Rachel ranks first in the senior class at William Byrd High School, Vinton, Va. A varsity cheerleader, she has been secretary and treasurer of the National Beta Club; citizenship chairperson, SCA; secretary, FHA; junior class secretary; member, Latin Club, FBLA, Pep Club, FCA, and Terrier Marching Band flag squad. She also was selected as outstanding science student of the month four times.

Rachel was Junior Miss for the Town of Vinton and won the scholastic award. She was third runner-up in Virginia's Junior Miss competition. Rachel also attended Girls' State and was junior class marshall. She is a volunteer sidewalker for the Roanoke Therapeutic Riding Program.

Rachel will pursue a bachelor of science degree in social sciences at Washington and Lee University as the first step in preparation for a career as a psychiatrist.

Hrishi ranks fourth in the senior class of Hurricane High School, Hurricane, W. Va. He is a member of the National Honor Society, Math and Ski Clubs, and Quiz Bowl. He also is a Jaycee volunteer and past local teen chapter president.

Hrishi earned a perfect score on the calculus AP exam as a junior and attends both West Virginia State College and West Virginia Institute of Technology on a part-time basis.

Hrishi has not yet decided which college to attend but will major in biomedical engineering in preparation for a career as a physician.

A total of 239 students from throughout the AEP System applied for the 34 available scholarships in the 1994 competition. Winners were selected by two impartial educators with no affiliation to AEP, based on the student's class rank and/or grade point average, SAT scores, autobiographical presentations, special qualities or talents, leadership abilities, extracurricular activities, and citizenship.

During the 39-year history of the awards program, AEP has presented 1,073 scholarships totaling more than $3.1 million.❑

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