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The cover

Power company employees know the rules of electrical safety, and it's important that we pass them along to others. In the cover photo, Jim Dalton, Lynchburg station crew supervisor nonexempt, explains the dangers of flying a kite around power lines to his son, Pete. The article on this page entitled, "Tell someone you love about power lines", offers some good safety advice.

Savings plan unit values

Savings plan unit values for January 31, 1983, were not available when The Illuminator went to press. These figures will be printed in the April issue. You may also secure them from your local personnel department.

The inside story

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Tell someone you love about power lines

Children get into lots of things. And that's to be expected.

But sometimes they get too close to power lines. And that's to be prevented.

Take the time to tell someone you love about power lines.

Explain how careful they have to be. That they should never climb trees that are near power lines. Or climb poles or towers that hold power lines. And that those wood "telephone" poles carry electricity, too.

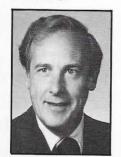
Warn about flying kites near power lines. And make sure they know that if the kite should get caught on power lines, they should not try to get it down. Explain that they should always build or buy a kite with wood and paper, not wire or metal. And also remind them they should always use dry string, never wire or anything metallic. The same rules apply to model airplanes, too.

And be sure to caution them that if they ever see a power line down to get away from it immediately and tell you so you can report it.

UPDATE

Four APCo men elected to board









Ten new members were elected to the Board of Directors of the AEP Service Corporation at its annual meeting February 8. At the same time, nine directors stepped down from the board under the procedure carried out by three of the AEP System's operating companies -Appalachian Power Company, Indiana & Michigan Electric Company and Ohio Power Company — to rotate their representatives on the Service Corporation board.

In addition, one other director, Dorman M. Miller, vice president — marketing & customer services of the AEP Service Corporation, retired on March 1.

The new directors are:

Appalachian Power: Gene M. Gillock, vice president, R. D. Webster, manager, Roanoke Division; Frederick O. Helm, manager, Huntington Division; and George E. Briers, manager, Clinch River

Indiana & Michigan: Wilbur G. Smith, Jr., manager, Donald C. Cook, Nuclear Plant; and William E. Walters, manager, Breed Plant.

Ohio Power: Elden R. Hudson, manager, Zanesville Division; R. H. Walton, Jr., manager, Cardinal Plant; William A. Leuby, manager, Portsmouth Division; and J. W. Lizon, manager, Gen. James M. Gavin Plant.

Stepping down from the board under the rotation process were: from Appalachian Rex L. Cassady, manager, T&D construction and maintenance, Cecil E. Shay, manager, John E. Amos Plant; and Floyd H. Taylor, Jr., manager, Logan Division; from I&M - Thomas R. McCaffrey, manager, Benton Harbor Division; and Alfred P. Remillard, manager, Tanners Creek Plant; and from Ohio Power — B. D. Eley, manager, Tiffin Division; Andrew T. Mulato, manager. Muskingum River Plant; James L. Powell, manager, Canton Division; and Clayton H. Wright, manager, Steubenville Division.

Neighbor funds more than \$212,000

More than \$212,000 has been made available so far to help needy customers pay their electric bills through Appalachian Power's Neighbor to Neighbor Program, according to company president John W. Vaughan.

"As of February 24, 11,600 Appalachian customers had contributed a total of \$81,244 to the Neighbor to Neighbor Program," Vaughan said. "The total \$212,489 available includes the company's initial donation of \$50,000 and matching funds of \$81,244. I believe these results prove that our customers do want to help their neighbors," he said.

Appalachian began sending out notices about the program with customers' bills on January 20 and will continue to do so for two months. It took about 30 days for all 735,000 customers to receive the initial notice, Vaughan said.

The Neighbor to Neighbor Program is being administered in West Virginia by the Department of Welfare and in Virginia by the Department of Social Services. The agencies began accepting applications from needy Appalachian customers and certifying the eligibility of fund recipients on February 1. The accounting firm of Deloitte Haskins and Sells is donating its services to audit the Neighbor to Neighbor fund.

In announcing the program in late December, Vaughan said that the company

would contribute up to \$150,000 to the program. Initially, \$50,000 - \$25,000 each in Virginia and West Virginia —was donated to create the fund. In addition, contributions from employees and customers up to another \$50,000 in each state will be matched between January 1 and March 31, 1983. The company contributions are coming from the shareowners, not the ratepayers.

APCo seeks lower fuel factor in Va.

Appalachian Power Company last month asked the Virginia State Corporation Commission for a change in its fuel factor, which would have the effect of reducing rates for its Virginia customers by approximately \$10.5 million, or about 2 percent annually.

The request was made when the company filed with the SCC projections of its fuel costs for the 12-month period beginning April 1, 1983. The filing is required annually by Virginia statute.

John W. Vaughan, president of Appalachian, noted that the reduction was made possible by a combination of factors.

Vaughan pointed out that the slowing of inflation was beginning to be reflected in the company's fuel prices. He said, "We have been able to negotiate new contracts at lower prices with some coal suppliers, and we expect a degree of stability in fuel expense over the next year. Additionally, the fine performance of the company's generating plants continues to be a major factor in controlling the cost of fuel for generating each kilowatt-hour of electricity.

"It is very gratifying to me that Appalachian has been able not only to hold the line on its fuel costs but also to provide this modest reduction in the price of electricity for our customers at this time."

He pointed out that residential customers in Virginia use an average of about 1,000 kwh of electricity a month. The bill for 1,000 kwh would be \$55.81, a \$1.20 reduction from the current bill of \$57.01. Residential customers using 500 kwh monthly would see their bills fall to \$30.93 from the present \$31.53, a reduction of 60 cents.

Eight APCo men win "Operating Ideas" awards

Twenty-four employees from four companies of the AEP System won 1,200 shares of American Electric Power Company common stock in the 1982 "Operating Ideas" annual competition. Total value of the awards is approximately \$22,800.

In addition, one employee of Ohio Valley Electric Corporation and one employee of its subsidiary, Indiana-Kentucky Electric Corporation, won a total of \$900 in cash prizes.

The winners had previously received cash awards for their articles on operations improvements at the time they were published in the bi-monthly technical magazine, making them eligible for the annual competition.

Two top prizes of 200 shares each were awarded.

One of the two went to Todd W. Alleshouse, performance engineer — senior at Ohio Power Company's Mitchell Plant, for his article, "Relocation of CSLO Cooling Water Piping Improves Heat Rate." It appeared in the September/October issue.

The other top prize was awarded to Harry E. Hildebrand, construction and maintenance specialist for the AEP Service Corporation, Canton, and four Ohio Power employees — Jack L. Roberson, transmission general crew supervisor; Lawrence D. Wilhelm, fleet maintenance mechanic A; Jerry W. Davis, distribution superintendent, Newark Division, and Paul A. Lahmers, fleet maintenance mechanic A. They shared the award for their article, "Aerial Bucket Truck Rescue," in the January/February issue.

Other winners were:

125 Shares

James E. Frank, meter technician A, Meter Section, Ohio Power, Canton, "Analog Telemetering Oscillators" (September/October).

Richard A. Hunsicker, maintenance supervisor, Donald C. Cook Nuclear Plant, Indiana & Michigan Electric Company, "Messenger Wire and Cable Harness Replaces Cable Troughs on Reactor Head" (July/August).

100 Shares

Robert E. Herndon, performance supervising engineer, John E. Amos Plant, Appalachian Power Company, "A New System for Collecting Vibration & Phase Angle Readings" (November/December).

Robert E. Albert, manager, Ohio Centralized Plant Maintenance Division, Bellaire, and David D. Wickline, senior maintenance engineer, Mitchell Plant, "Lifting Beam for Major Overhaul of Pulverizers" (September/October).

Dennis P. Moriarty, communications engineer — senior, and Thomas W. Morris, communications engineer, Ohio Power, Canton, "Test Set Aids in Locating Cable Faults" (November/December).

90 Shares

Three employees in Appalachian Power's Meter Section — Donald W. Howell, Frank O. Blevins and Grover C. Conner — shared this award for their article, "Signal Analyzer for Digital Alarm Reporting System" (September/October).

80 Shares

Shared by Jeff E. Lindsey, System Measurements Section, AEP Service Corporation, Columbus, and Martin O. Seay, electrical engineer, Meter Department, Appalachian Power, "Counter for Standard Test Board" (March/April).

50 Shares

Harley F. Fetty, plant performance engineer, Gen. James M. Gavin Plant, Ohio Power, "An Improved Condenser Tube Plug" (July/August).

30 Shares

Three employees in Appalachian Power's Central Machine Shop — Carl R. Worley, Warren R. Lovelace and Paul Johnson — shared this award for their article, "Globe Valve Reseater" (January/February).

Cash prizes were awarded to two employees of OVEC and IKEC:

Robert W. Taylor, maintenance supervisor, Clifty Creek Plant, IKEC, "Training Cubicle for Switchgear Operation and Maintenance" (January/February) — \$500.

Freddie L. Moore, assistant shift operat-

ing engineer, Kyger Creek Plant, OVEC, "Fire Protection System Monitoring Board" (January/February) — \$400. □

Snowstorm causes considerable damage to APCo facilities

A heavy snow fell across Appalachian's service area on February 10 and 11, causing significant trouble in several divisions.

Although the heaviest snowfall was in the southern part of the company, low temperatures kept the snow there from adhering to trees and conductors. Roanoke with 18½ inches, for example, set a new all-time record for snow fall in a 24-hour period. Yet, only four Roanoke division customers were affected.

Warmer temperatures in the central and northern parts of the company created an entirely different situation. There, very wet and heavy snow resulted in considerable damage to distribution and sub-transmission lines, especially in the Charleston division.

"This was the first time in my memory that damage to our facilities stopped traffic on the Kanawha River," reports Robert Griffith, Charleston division superintendent. On February 11, he explained, river traffic had to be stopped because a three-pole structure on the Bancroft-Nitro 69 kv line collapsed at the interstate bridge at Nitro, dropping all three phases into the river.

In all, 13 sub-transmission lines, 11 in the Charleston division alone, and a large number of distribution lines were affected by the snowstorm. Most of the damage occurred in the West Virginia divisions; however, the Abingdon division and the Virginia portion of the Bluefield division had considerable trouble.

Most customers were returned to service within hours and all had their electric service restored by February 14. □

APCo granted rate increase, seeks rehearing on order

The West Virginia Public Service Commission on February 4 issued an order granting Appalachian Power Company a \$23.9 million rate increase. The company had filed a request for an \$88 million increase in April 1982. While the case was being considered by the Commission, other decisions in fuel revenues resulted in the request being reduced to \$81 million. The final order was rendered 300 days after the filing, the maximum time allowed by West Virginia law for processing such requests.

In expressing disappointment at the decision, John W. Vaughan, president of Appalachian, said, "The revenues awarded by the Commission in this case are inadequate and do not reflect the cost of doing business today."

He pointed out, "The last general rate increase for the company in West Virginia was in December 1980, over 26 months ago. Those rates were based on the cost of doing business in 1979. This delay simply magnifies the effects of the inadequate rates which the Commission granted the company on February 4."

The company has filed a petition requesting rehearing and reconsideration of portions of the order.

Vaughan noted that the company is basing its request for a rehearing on a number of legal and technical points which Appalachian feels the Commission failed to adhere to in arriving at the decision.

Aside from these points the company is asking particularly for reconsideration of the rate of return which the Commission allowed and the level of off-system sales which the Commission adopted for purposes of determining the revenue requirements. Additionally, the company is seeking clarification of certain other items in the order, including some omissions which it believes the Commission made.

For the first time in history, the Commission decided the case on the basis of a future test year. It cited several possible advantages in using a future test year,

including the elimination of problems caused by regulatory lag and the possibility of a better analysis of the end result of the Commission's rate determination. The Commission said that the use of the future test year was in the nature of an experiment "which may reduce the number of APCo rate cases in the future."

"As a part of its filing, the company proposed an extensive restructuring and updating of its rate schedules. For the most part these requests, including a new time-of-day rate for large industrial customers, were granted," Vaughan added.

Public hearings were held in Williamson, Beckley, Huntington and Charleston in October and November of last year. The record consists of 11 volumes of transcripts totaling 2,289 pages. Only 281 pages is testimony of customers of Appalachian.

Formal intervenors in the case included the Consumer Advocate Division of the Public Service Commission, the West Virginia Citizen Action Group, FMC Corporation and several other industrial customers of the company.

500,000th electric heating customer added to AEP lines

The American Electric Power System is now serving 500,000 residential electric heating customers, the first investorowned utility system in the country to do so.

Paul C. Greiner, vice president — marketing & customer services of the AEP Service Corporation, in making the announcement last month, said, "Reaching this milestone demonstrates the acceptance and competitiveness of electric heating, particularly the electric heat pump, in the seven East-Central states in which we serve."

He added that 22.4% of the System's residential customers are now heating their homes with electricity. The total at year's end was 501,693.

The Glenn Hall family of Columbus became the System's 500,000th heating customer when electric service was installed in their newly built home in early December. They moved into the house on January 29.

When the Halls contracted for their home, they specified an electric heat pump for its heating and air conditioning. The system installed was General Electric's newly introduced, high-efficiency Elite model.

Greiner said, "We estimate that, with the heat pump selected, the Halls will be able to heat and cool their home at a cost substantially less than with all other fuel systems.

The achievement of serving 500,000 residential electric heating customers had been established by the company's late president, Philip Sporn, in 1959. At that time the AEP System was serving approximately 18,000 such installations.

At that time, too, the average residential customer on the AEP System was using approximately 4,000 kilowatthours of electricity a year. By 1980 the average annual residential usage had exceeded 10,000 kwh — a level about 18.5% above the average for all of the nation's investor-owned utilities that year.

Greiner pointed out that the AEP System's service area incorporates parts of three northern states, two border states and two southern states. "The fact that more than 238,000 of our electric heating customers live in Ohio, Indiana and Michigan is strong evidence that electric heat not only can perform efficiently in the northern climate but also can compete successfully with the flame fuels — gas, oil and coal — on a cost-comparison basis," he concluded.

The electric heating customers as of December 31 were divided among its eight operating companies as follows:

_	150		_													
Appala	chiar	Pov	ver		•											197,319
Columb	ous a	nd S	ou	the	err	١.	٠	•	٠.						٠	55,927
																77,335
Kentuc	ky Po	wer									٠		•			37,649
Kingsp	ort Po	wer										•				21,331
Michiga	an Po	wer.														2,447
Ohio Po	ower															102,368
Wheelin	ng Ele	ectric					٠			•			•		•	7,317
Total										٠						501,693

PROMOTIONS







Slack



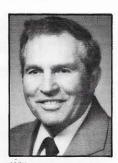
Thompson



Pendleton



H. P. Jackson



Witt



Bostic



Ailler



Elkins



Hylton



B Jackson



Anderson

Charles W. Burke, line crew supervisor, was promoted to Kingsport general line crew supervisor on February 1, succeeding J. L. Williamson, who elected early retirement.

Charles E. Slack, assistant shift operating engineer, was promoted to shift operating engineer at Kanawha River Plant on February 1, succeeding Arvle Frye, who elected early retirement.

C. D. "Don" Thompson, assistant shift operating engineer, was promoted to shift operating engineer at Glen Lyn Plant on February 1, succeeding Bill Johnston, Jr., who elected early retirement.

Roy E. Pendleton, Jr., equipment operator, was promoted to unit supervisor at Glen Lyn Plant on February 1, succeeding Floyd Ferguson, who elected early retirement.

H. D. "Bud" Jackson, Jr., maintenance mechanic A, was promoted to maintenance supervisor at Glen Lyn Plant on February 1, succeeding Bennett Brown, who elected early retirement. R. O. "Tom" Witt, line construction and maintenance representative, was promoted to Lynchburg meter supervisor on February 1, succeeding Otis Franklin, who elected early retirement.

James R. Bostic, maintenance mechanic A, was promoted to maintenance supervisor at Kanawha River Plant on February 1, succeeding J. E. Hoffman, who elected early retirement. Bostic attended the West Virginia Institute of Technology.

William C. Miller, station operator A, GO Operations, Roanoke, was promoted to regional assistant chief operator, GO Operations, Danville, on January 1.

Carl M. Elkins, marketing and customer services representative senior, was promoted to marketing and customer services supervisor in Huntington on February 1, succeeding Paul Baker, who elected early retirement.

Claude E. Hylton, personnel administrator, was promoted to general office personnel supervisor, GO Personnel, Roanoke, on February 1, succeeding Larry Dougan, who elected early retirement. Hylton holds an associate in arts degree in business administration from National Business College.

Lloyd B. Jackson, equipment operator, was promoted to unit supervisor at Glen Lyn Plant on February 1, succeeding Roy Pendleton, who elected early retirement.

Richard M. Anderson, allocation analyst senior, was promoted to allocation supervisor, GO Rates & Contracts, Roanoke, on February 1, succeeding Jack Burnett, who elected early retirement. Anderson holds a bachelor of science degree in business administration from the University of North Carolina.







Conner



Whorley

Bennie T. Hartwell, line crew supervisor nonexempt, was promoted to line crew supervisor exempt in Roanoke on February 16.

Larry M. Conner, general servicer, was promoted to line crew supervisor non-exempt in Roanoke on February 19.

Charles Whorley, line mechanic A, was promoted to line crew supervisor non-exempt in Roanoke on February 19. □

Reynolds, Carson take new posts





lds Car

Glenn H. Reynolds has been promoted to marketing and customer services director in the General Office Marketing and Customer Services Department, Roanoke. He succeeds E. Lawson Bailey, who elected early retirement February 1.

Succeeding Reynolds as Abingdon division manager is R. Daniel Carson, who rises to the position from that of assistant manager of the Roanoke Division. Both promotions are effective March 1.

Reynolds holds an electrical engineering degree from West Virginia Institute of Technology and has attended the American Electric Power System Management Program at the University of Michigan Graduate School of Business Administration. He joined Appalachian in 1958 as an electrical engineer in Bluefield and moved to Pulaski as area development consultant in 1969. He became area development director of Appalachian four years later and residential services director in GO Customer Services, Roanoke, in 1975. The following

year he was appointed assistant manager of the Roanoke Division and became manager of the Abingdon Divison in July 1982.

Carson holds a BS degree in civil engineering from Virginia Tech and an MBA from Lynchburg College. He joined Appalachian in 1970 as a civil engineer in the General Office Transmission and Distribution Department, Roanoke. He was named administrative assistant to the president of Appalachian in 1978. Carson has served as assistant manager of the Roanoke Division since June 1982, a post he assumed upon his return to Roanoke following a year of study at the Massachusetts Institute of Technology as an Alfred P. Sloan Fellow. Upon completion of the program, he received a master of science degree in management.

Kinnett named CPM manager

J. Robert Kinnett has been named Cen-



tralized Plant Maintenance manager for Appalachian Power Company, succeeding Emmet L. Huntley, who elected early retirement February 1. Kinnett rises to the position from that of CPM field

maintenance superintendent.

Kinnett joined the AEP System in 1955 as an engineer's assistant junior at Indiana & Michigan Electric Company's Tanners Creek Plant. He transferred to I&M's Breed Plant in 1959 and was promoted to engineer's assistant senior in 1961. He held the positions of performance technician senior and maintenance foreman before being named production supervisor of Appalachian's Centralized Plant Maintenance in 1976. He was promoted to production superintendent in 1977 and to field maintenance superintendent the following year.

Kinnett has attended the American Electric Power System Management Program at the University of Michigan Graduate School of Business Administration.

NEW COMERS

Editor's note: Before the AEP System announced its broad series of cost-reduction measures, including cancellation of personnel requisitions, a number of new employees had been reported to *The Illuminator*. Because of space limitations, we were unable to publish these until this issue.

General Office

Toby O'Neal, station mechanic D, GO T&D Station, Roanoke. Jo Staton, payroll clerk, C, GO Accounting, Roanoke. Robert Wolford, transmission mechanic D, GO T&D Transmission, Bluefield. Richard Kelley, engineering technician,

GO T&D Communications, Roanoke. Janice English, junior stenographer, GO Accounting, Roanoke. Frank Cook, associate programmer, GO Accounting, Roanoke. Norman Guenther, chemist, GO T&D Station, Roanoke.

Lynchburg

Rebecca Ann Wade and Deborah Watkins, junior clerks.

Pulaski

Dennis Cox, T&D clerk C, Galax. Mike Harrell, meter reader. $\ \square$

The Columbus & Southe

(2nd in a series)

On May 9, 1980, with an exchange of common stock certificates between Columbus and Southern Ohio Electric Company President Ben T. Ray and American Electric Power Company Chairman W. S. White, Jr., C&SOE made the formal transition from an independent electric utility to AEP's newest operating subsidiary.

Each company brought changes and benefits to the other. For example, with C&SOE, AEP acquired the largest community in its service area, the city of Columbus with 565,000 residents. (There are 869,000 residents in the metropolitan area.) AEP, in turn, brought C&SOE numerous economies and efficiencies of scale, including transmission interconnections with more than 100 neighboring electric companies. Previously, C&SOE had only eight interconnections.

Since the acquisition, C&SOE and its employees have experienced many changes, and assimilation into the System will continue for some time yet. But through the process, C&SOE has maintained its identity in the community it serves and in the electric power industry.

Like other AEP operating companies, C&SOE became the company it is today through a long progression of acquisitions and mergers of small companies. C&SOE can trace its ancestry back to 1863, but considers 1883 its actual birth date.

In 1937 the Columbus Railway, Power and Light Company merged with the Southern Ohio Electric Company, forming Columbus and Southern Ohio Electric. The merging process had included 29 electric companies, 20 street railway firms, five electric and heating companies, three electric and railway enterprises, an ice and coal company, a waterworks and an artificial gas plant.

It is interesting to note that AEP's recent acquisition of C&SOE was really a repetition of history. From 1924 until 1946 the company's stock was held by the Continental Gas and Electric Corporation.

While C&SOE's history may be similar to that of other AEP operating companies, there are aspects of the company that make it unique in the AEP System.

For example, C&SOE is the only AEP company with flue-gas desulfurization systems. They are in operation on units 5 and 6 at the Conesville Generating Station. These "scrubbers," as they are often called, were also the first in Ohio.

Conesville is the largest generating facility operated by C&SOE and the fourth largest on the AEP System. The plant's generating capability is 1,896,000 kilowatts, of which C&SOE owns 1, 478,000

DELAWAR COLUMBUS

Picway

CHILLICOTHE

CINCINNATI

HILLSBORO

C&SOE's service area and major facility locations. There a are located in Athens, Chillicothe, Circleville, Delaware, Ga

kw. Conesville's largest unit is jointly owned with The Cincinnati Gas & Electric Company and The Dayton Power and Light Company.

Part of the coal burned at Conesville is mined nearby at an affiliated mining operation. Simco-Peabody is a joint venture between Simco, a C&SOE subsidiary which provides the capital and equipment, and Peabody Coal, which provides the management, manpower and mining expertise.

The Conesville and Simco-Peabody facilities are located near Coschocton, Ohio, — outside of C&SOE's service area. They were located there in keeping with the "mine mouth" or "coal-by-wire" concept of placing generating facilities near the fuel source and transporting the finished product.

The coal-by-wire idea originated at C&SOE with one of its early leaders, E. M. Poston. C&SOE's Poston plant in Athens County is named in his honor. The plant has a generating capability of 216,000 kw.

C&SOE operates a third generating facil-

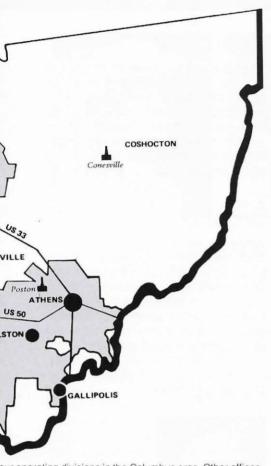
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Area served — square miles (estimated)	6,213
Population of area	1,229,000
Employees	 2,855
Energy Sales	

customer class	average no. of customers	kwh sales* (000 omitted)	% of kwh sales
residential	422,076	3,459,901	39
commercial	40,927	3,246,823	37
industrial	2,538	1,903,148	21
other ultimate	293	235,376	3
total ultimate	465,834	8,845,248	100
Miles of line Transmission (p Distribution (po			1,671 9,931
Generating capabilit	ty (kw)		2,565,000
Tons of coal consur	ned per year	38	5,039,572*
Annual taxes paid, of Federal Income			\$53,714,836*
*Twelve months anded S	Contember 20, 1092		

*Twelve months ended September 30, 1982.

rn Ohio Electric Story



our operating divisions in the Columbus area. Other offices olis, Hillsboro and Wellston.

ity, the Picway plant, just south of Columbus along the Scioto River. Its capability is 100.000 kw.

In addition to these plants it operates, C&SOE shares two other coal-fired units with the Cincinnati and Dayton companies. C&SOE's total capability from the Stuart and Beckjord plants is 664,000 kw.

Construction of the Zimmer Nuclear Power Station, along the Ohio River east of Cincinnati, is nearing completion. CG&E is building the plant, which is also jointly owned by the three utilities. C&SOE's portion of the 800,000-kw plant will be 228,000 kw.

Another factor making C&SOE unique in the AEP System is its customer mix. Compared with other AEP operating companies, a higher percentage of C&SOE's kilowatthour sales is to residential and commercial customers, and a relatively lower percentage of sales is to industrial customers.

This means that in a recessionary economy, such as that being experienced, C&SOE is not as adversely affected.

Systemwide, industrial sales have dropped significantly. In 1982, System industrial sales declined to the levels of the mid- to late 1960s. C&SOE's sales did not decline as sharply.

On the other hand, the customer mix is also responsible for C&SOE's higher costs for providing service. Since residential and commercial customers do not utilize the system the same way industrial customers do, the service costs, and consequently customer rates, are somewhat higher.

Not only does C&SOE have a different mix of customers, but its customers' usage patterns differ from those across the System in general. While AEP is a winter-peaking system because of its large residential heating load, C&SOE's summer air-conditioning load makes it a summer-peaking company.

At 3 p.m. on July 21, 1980, C&SOE customers demanded more electricity—a little more than 2-million kw—than at any other time.

C&SOE met that high demand in 1980, which wasn't always true back in the late 1960s and 70s while steps toward acquisition were being taken. But through the acquisition, both C&SOE and AEP enhanced their ability to meet their respective demands more easily.

Power production and its usage were not the only things affected by the acquisition. Many employees personally felt its effects. Since 1980, employees from other AEP companies have transferred to C&SOE, and nearly 190 C&SOE employees have transferred to the Service Corporation or another AEP company. Most transfers were in auditing, data processing, engineering or fuel procurement.

As an independent company, C&SOE needed its own staffs of auditors and fuel procurements employees. These functions are centralized in the AEP System. The increased work load for these areas caused by the addition of C&SOE made transfer of these employees a natural move.

Transfers in data processing and engineering depended more on the individual employee's abilities and interests and on where certain jobs were needed most. Some transferred employees continue to perform duties similar to those they left at C&SOE, while others expanded into other areas.

C&SOE and its employees have witnessed many changes in the past 100 years, and, indeed, many in the past two years. The promise of further changes and improvements continues for years to come.

C&SOE's general office in downtown Columbus. The new AEP headquarters is under construction only blocks away (left background).



WHO'S NEWS

Abingdon

Elizabeth, daughter of Bucky Buchanan,



marketing and customer services representative, has received a PhD degree from Kent State University. Her degree is in biology with specialization in freshwater ecology. She teaches biology at

Cuyahoga Community College, Kent. O.

JoAnn Bower, daughter of Tom Crab-



tree, T&D clerk A, has received a PhD from Louisiana State University. She specialized in curriculum and instruction in secondary education and in romance languages. Employed by the East Baton

Rouge Parish School System, she just completed a one-year special assignment as a research assistant for the LSU System Office of Institutional Research.

Kanawha River

Two employees' daughters were first place winners in a Sprite (speech-writing) tournament for Fayette County Schools. **Traci**, daughter of R. L. Bowen, Jr., performance engineer senior, performed a puppet-puppeteer pantomime with another student to win the pantomime category for grades 7/8. **Cindy**, daughter of Michael Siemiaczko, Jr., maintenance supervisor, recited "The Walrus and the Carpenter" to win the oral interpretation category for grades 7/8. Both girls are eighth graders at Fallsview.

Huntington

Joe Haynes, administrative assistant, was one of two men selected by the West Virginia Jaycees to receive "Outstanding Young Man in West Virginia" awards. The award is given in recognition of community service and the recipient does not have to be a member of the Jaycees. Joe was awarded a plaque in a presentation last month in South Charleston.

Navy Aviation Structural Mechanic 1st Class Carlos Hoschar has reenlisted for four years while serving with Helicopter Anti-Submarine Squadron Light 30, Naval Air Station, Norfolk, Va. He is the son of Charlie Hoschar, head T&D clerk. □

Charleston

Cal Carlini, division manager, was



elected president of the United Way of Kanawha Valley, Inc., board of trustees at the 27th annual meeting. Appalachian's Charleston Division employees were recognized with the Silver Award for increased

employee giving in the 1982 fund raising campaign. Their \$2,160,640 in contributions will provide funding in 1983 for 29 human service agencies in Kanawha and Putnam counties.

New officers of the Charleston Area Retired Employees Association are: John Kauffman, retired station supervisor, president; Kathleen, wife of Brook Miller, retired auto repairman A, first vice president; John Campbell, retired GO electrical test supervisor, second vice president; and Carl Evans, retired Cabin Creek chief plant dispatcher, secretary-treasurer.

General Office

Jerry, husband of Judy Caldwell, R/e & R/w special clerk, GO T&D R/e & R/w, Roanoke, has been reelected to his sixth term as chief of the Catawba Volunteer Fire Department.

R. E. Ferrell, regional dispatcher, GO Operations, Abingdon, was elected to a three-year term on the board of deacons of the Abingdon Bible Church. □

Lynchburg

Paul Keys, right of way agent, bagged an 8 point buck. Ron Tucker, electrical engineer, bagged a 200 lb., 11 point buck and a 175 lb., 7 point buck. □

Roanoke

Suzanne Horne, daughter of Leonard Jenkins, Fieldale marketing and customer services representative senior, has completed requirements for a DDS degree at the Medical College of Virginia and has passed the Commonwealth of Virginia Board of Dentistry examination as a doctor of dental surgery.

Beckley

Woodrow Holbrook, marketing and customer services supervisor, has been awarded a certificate of appreciation and named associate member of the year in Southern West Virginia by the Home Builders Association of West Virginia. He is presently serving on the association's board of directors. □

Kingsport



Harold Gillenwater, station mechanic A, has been elected president of the Avoca Volunteer Fire Department for 1983-

Bluefield

New officers of the Bluefield Coffee Club are: Bob Edwards, engineering technician, president; Dixon Jones, engineering technician senior, vice president; and Kyle Swim, engineering technician, GO T&D Transmission, secretary-treasurer.

Pulaski

Mark McGlothlin, line mechanic D, is a member of the Sweetwater Band which appeared on the March of Dimes Telerama on WVVA-TV in Bluefield. □

WEDDINGS



Bailey-Anderson



Stricklen-Cales



Martin-Gress



Fowler-Shaver

Rasonia Anderson to Stephen Bailey, January 8. Stephen is the son of Jack Bailey, maintenance mechanic A, John Amos Plant.

Mary Pat Cales to **David Stricklen**, December 18. David is the son of William Stricklen, Point Pleasant general line supervisor in Huntington Division.

Karen Brenda Gress to Donald Taylor Martin, February 12. Karen is the daughter of Paul Gress, Pulaski energy services technologist.

Karen Shaver, Glen Lyn Plant maintenance mechanic C, to Forest Fowler, December 30.

Susan Osborne, John Amos plant clerk C, to Jimmy Damron, January 22. □

BIRTHS

Abingdon

Henry Garrett, son of Lynn Stanley, Clintwood line mechanic B, February 2.

John Amos

Randy and Andy, twin sons of Gregory Bird, transportation specialist, February 8.

Jennifer Michele, daughter of Larry Bays, utility worker, January 7.

Beckley

Justin, son of Bernard Lough, line mechanic B, February 7.

Centralized Plant Maintenance

David Aaron, son of **John Gardner**, maintenance mechanic B, February 4.

Charleston

Angela Marie, daughter of Cindy Gates, junior stenographer, January 23.

Jennifer Lauren, daughter of Bob Sanney, St. Albans area superintendent, January 21.

Hollie Nichole, daughter of Randy Saunders, St. Albans meter reader, December 10.

Richard Todd, son of Terry Tucker, Montgomery line mechanic C, February 1.

General Office

Laura Beth, daughter of Becky Markham, data entry operator, GO Accounting, Roanoke, January 26

Rebecca Diane, daughter of Gregory Campbell, accounting staff assistant, GO Accounting, Roanoke, January 17.

Mary Elizabeth, daughter of Jimmie Fariss, engineering technologist supervisor, GO Hydro, Roanoke, December 28.

Huntington

Crystal Michelle, daughter of Ronald Harrison, Ripley line mechanic C, January 23.

Michael James and Jamie Michelle, twin son and

daughter of **Jerry White**, Ripley line mechanic C, January 30.

Lynchburg

Catherine Marie, daughter of **Smith Fletcher**, line mechanic C, February 3.

Kirkland Alexander, son of Tom McConaghy, engineering technician, and Vickie McConaghy, customer accounts representative B, February 11.

Pulaski

David Brandon, son of **David Jackson**, Wytheville line mechanic C, January 27.

Philip Sporn

Aaron Scott, son of **Kevin Walker**, senior chemist, January 9.

Charles H. III, son of Charles H. Zuspan, Jr., control technician junior, January 27.

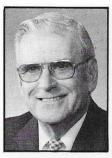
Patrick Aaron, son of Gary Rollins, maintenance mechanic A, January 1. □

Wed 60 years



William Barton, retired Cabin Creek Plant janitor, and his wife Mabel observed their 60th wedding anniversary October 25, 1982. They are the parents of 4 children, 12 grandchildren and 9 great grandchildren.

SERVICE AUDIVERSARIES



Earl Ferrell shift op. engineer Clinch River 40 years



James Booth line mechanic A Bluefield 35 years



Clyde Marshall records supv. Charleston 35 years



Lindy Jividen mkt. & cust. serv. rep. Charleston 35 years



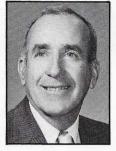
Jack Whitenack assoc. systems analyst GO-Roanoke 35 years



Norwood Turner tax accountant GO-Roanoke 35 years



Sam Morris meter elec. A (LTD) Charleston 35 years



Clyde Barker personnel supv. Beckley 35 years



Rhea Nell Thacker customer acct. clerk A Kingsport 30 years



Dick Huffman general line supv. Charleston 30 years



Harry Wilton eng. technologist Charleston 30 years



Robert Wagner conveyor op. (LTD) Kanawha River 30 years



Russell Fleshman stores attendant sr. Glen Lyn 30 years



Glenn Cook line con. & maint. rep. Charleston 30 years



Earl Crist maint. mechanic A Clinch River 30 years



Benton Wood meter reader Roanoke 30 years



Ray McComas chief chemist (LTD) Clinch River 30 years



Sandy Pennington asst. plant manager Glen Lyn 25 years



Bill Lineberry meter elec. A (LTD) Pulaski 25 years



John Wright power engineer sr. Roanoke 25 years



Dan Tickle area supervisor Pulaski 20 years



Thomas Kincaid sta. crew supv. NE Huntington 20 years



Robert Hamblin met.serv.mech.C(LTD) Roanoke 20 years



Joe Moore line mechanic A Pulaski 20 years

Abingdon

15 years: Arlen Taylor, line mechanic A. 5 years: Kenneth Ray Robinson, line mechanic B.

John Amos

15 years: Richard Bocock, plant office supervisor.

Bluefield

15 years: John Honaker, station mechanic A. Mary Lou Mash, customer accounts representative B. 5 years: Stacy Havens, station mechanic A. Daryl Swecker, line mechanic A. Robert H. Hamilton, line mechanic B.

Charleston

10 years: Mike King, line mechanic A. Martin Castleberry, automotive mechanic A. 5 years: Carl Anderson, automotive mechanic B.

Clinch River

5 years: Dennis Williams, utility coal attendant

(LTD). George Miller, stores attendant.

General Office

15 years: Robert Ferrell, regional dispatcher, GO Operations, Abingdon. Joseph Whitehead, assistant regional chief dispatcher, GO Operations, Roanoke. Ernest Westmoreland, regional dispatcher, GO Operations, Roanoke. Grady Barbour, Jr., regional dispatcher, GO Operations, Abingdon. 10 years: Cleon Craig, Jr., regional dispatcher, GO Operations, Charleston. Linda Smith, tape librarian A, GO Accounting, Roanoke. John Johnson, Jr., buyer, GO Purchasing, Roanoke. 5 years: Frank Bonds, Jr., statistical accountant, GO Accounting, Roanoke. Donna Williams, stenographer, GO Environmental, Roanoke. Richard Musselman, station operator B, GO Operations, Roanoke.

Glen Lyn

10 years: **Arnold Ferguson**, auxiliary equipment operator.

Kingsport

15 years: **Kay Powell**, customer accounts clerk B. **Arnold Ford**, line crew supervisor.

Mountaineer

5 years: Roger Clark, maintenance mechanic A.

Pulaski

10 years: Nelson Coleman, line mechanic A. 5 years: Tim Pickett, line mechanic B. Roy Powers, station mechanic B.

Roanoke

10 years: Carolyn Gordon, engineering technician assistant. 5 years: James Thomasson, line mechanic B.

Philip Sporn

5 years: Michael Stewart, maintenance mechanic C. Montie Sanders, barge attendant. $\hfill\Box$

FRIEDDS WE'LL MISS



George Perdue, 72, retired Cabin Creek junior maintenance man, died January 20. A native of Winifrede, West Virginia, he began his career in 1944 as a laborer and retired August 1, 1973. Perdue is survived by three sons and one daughter.



Eugene E. Comer, 68, retired Glen Lyn Plant shift operating engineer, died January 26. A native of Wikel, West Virginia, he was employed in 1936 as a laborer and retired September 1, 1976. Comer is survived by his widow Dolores, P.O. Box 103, Rich Creek, Va.; four sons; one brother; eight grandchildren and two great grandchildren.



John Francis Elgin, 75, retired Abingdon lead draftsman, died February 6. A native of Mabscott, West Virginia, he was employed in 1941 as a draftsman in Bluefield and retired November 1, 1972. Elgin is survived by his widow Mary, Route 4, Box 376, Abingdon, Va.



Robert D. Smith, Sr., retired Beckley utility clerk, died February 15. A native of Dempsey, West Virginia, he was employed in 1936 as a cashier and retired November 1, 1972. Smith is survived by one son.



Fred S. LaRue, 75, retired Kingsport heating and builder sales representative, died February 13. A native of Cocke County, Tennessee, he was employed in 1936 as a transitman and retired September 1, 1972. LaRue is survived by his widow Virginia, Apt. 103, Appalachian Christian Village, 2012 Sherwood Road, Johnson City, Tennessee.



George W. Unangst, 67, retired Charleston division superintendent, died February 1. A native of Mercer County, Pennsylvania, he began his career in 1937 as a meter tester D for Ohio Power and elected early retirement November 1, 1979. Unangst is survived by his widow Betty, 5206 Dellway Drive, Charleston, W. Va.; two daughters; two sons; one brother and two grandchildren.

RETIREMENT

Leroy Gregory

"I came up to Roanoke in 1935 in the middle of the Great Depression and the tail end of my teens, looking for a job on the railroad where I'd heard they were paying messenger boys \$45 a month. But they weren't hiring," recalls Leroy Gregory. He retired March 1 as line mechanic A on special assignment in Roanoke.

"I first encountered Appalachian while working as a cook at a local bistro which was frequented by some of the grunts from the line gang — Jack Cooper, Pete Miller and Stinky Davis. They said I ought to get a job on the line gang.

"So I went down to the old company offices at Campbell Avenue and Randolph Street and went upstairs to see Jimmy White. Mr. White was the district manager, but he wasn't hiring either," Leroy recalled.

Leroy persisted until White surprised him by offering him a job in March, 1940. "There were other pleasant surprises ahead, such as the incredibly short work hours. Just eight hours a day, five days a week. All that leisure time was something new to me. On top of that, I was making two dollars more a week than I had been making at the culinary trade.

"I was so proud of the two dollar increase that right away a young lady and I blew both of them on dinner and a movie, plus popcorn and street car fare. This was back before inflation," he said.

He recalled his days as a groundman. "Life of a line gang grunt was anything but complicated. They handed you a digging set, and when you wore that one out, they handed you another one.

"Poles were set with an 'A' frame which we called a 'gin.' This came in sections and had to be dragged off the truck and assembled in order to set a pole. Unless the pole was too big, it was easier to set it by hand than to fool with that gin."

Given the simple tools of the trade then, it was almost impossible to visualize the hydraulic equipment today, according to Leroy.

A groundman's goal was to get off the ground. "Every grunt's ambition was to be a lineman, to stand up there on the pole in his riding breeches and \$9 boots



Gregory

while down below the grunts toiled on the fall-line of three-sheave wooden blocks, dragging a cast iron transformer up the pole to his waiting expertise.

"In order to qualify for that exalted position, the grunt needed experience. This was gotten by borrowing a lineman's belt and hooks and doing his work while he sat in the shade in his riding breeches and \$9 boots."

Leroy was promoted to lineman when he returned from WW II and to lineman A in February 1949. He did general line work until he took special assignment 16 years ago. On special assignment he has been responsible for three areas: damage claims, voltage problems and radio and television interference.

These duties have brought him in contact with a wide assortment of customers and sometimes complicated array of problems. "Yes, I suppose I could write a book if I had the inclination," he said.

Actually, he did write an occasionally humorous pamphlet titled "Handy Hints for House Calls or How to Find the Trouble in spite of What the Lady Says."

Reflecting on 43 years with Appalachian, he said, "Sometimes we tend to lose sight of the tremendous progress that has been made over the years. Then, on occasion, we are reminded of it. Riding through a subdivision over smooth as-

phalt, rows of neat brick homes on either side, heat pumps humming, pad mount transformers blending into the land-scape, we remember this place as it was before: an eroded slope, studded with scrub pines and poke weeds, a string of 30-foot chestnut poles with two-pin cross-arms following a rutted road to a lone farm house where a 1.5 kVa transformer powered a refrigerator, radio and six 60-watt bulbs.

"This was the foundation that had to be laid. It's good to have had a part in building it.

"Maybe Jimmy White had good reason to hire another grunt that spring morning, 43 years back, or maybe he was just trying to get me out of his hair. Either way, I appreciate it."

Woodrow Ball



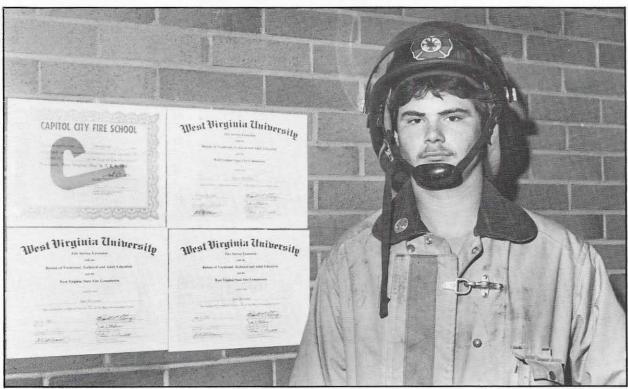
Ball

Woodrow Ball, Kingsport truck drivergroundman, retired February 1.

A native of Rogersville, Tennessee, he was employed in 1941 as a boiler operator at the old Kingsport Utilities Steam Plant. He was promoted to groundman in 1953 and to truck driver-groundman in 1969. He has been on LTD leave since 1973.

Woodrow and his wife Esther have two children and three grandchildren. □

Young volunteer fireman enjoys challenge of helping others



Gary Pritchard displays certificates he has received for completion of fire fighting courses.

Many young boys dream about becoming firemen some day, only to find that their thoughts turn elsewhere when it comes time to decide upon a career. Not so for Gary Pritchard who, according to his mother, Sandy, a maintenance mechanic C at Kanawha River Plant, has been hanging out at the fire department ever since she can remember.

Sandy says, "Two of his uncles used to be fire department volunteers before they moved away so I guess he came by his interest naturally. He went there so much," she jokes, "that they finally let him in."

Living near the Glasgow Volunteer Fire Department, Gary is usually one of the first people to respond when an alarm sounds. Although he is not yet allowed to drive the fire truck, Gary opens the station doors and pulls the engine out so that it will be ready to roll when the others arrive.

Gary joined the fire department nearly two years ago, when he became eligible at age 16. Even then his parents had to give their permission. The Glasgow Fire Department has 25 members, most of whom are young men under 25 years of age.

Gary already has more training than any

other member. While he was 16, he became the youngest to attend — and complete — Section 1, 2 and 3 of the fire fighter trainer courses. Section 1 was an eight-week course by the Glasgow Volunteer Fire Department. Section 2, an eight-week course by the Cedar Grove Fire Department; and Section 3 was a four-day Fire School conducted by the Charleston Fire Department at the Civic Center. Gary and the fire chief, incidentally, were the only ones from Glasgow who passed the Fire School exam.

Gary has completed two classes in cardio-pulmonary resuscitation as well as multi-media first aid training. He cannot take the examination to become an emergency medical technician, however, until he reaches the age of 18. A boatsman in the Sea Scouts, he was a part-time life guard at the Glasgow Pool this past summer.

The Glasgow Fire Department handles all calls from Glasgow to London, West Virginia, a stretch of about six miles along the Kanawha River. Members are often called on for assistance following motor vehicle accidents, either to wash down the highway or free victims with their Jaws of Life. In addition to fighting fires, they also are involved in river

rescue operations.

Not all of Gary's lifesaving efforts stem from his work with the fire department. Recently he and a neighbor rescued a man and his son after their boat capsized.

No matter how much training a fireman has received, there is always a certain amount of risk and danger involved. How do Gary's parents feel about his volunteer work? Sandy answers, "We think it's great. Everybody in the neighborhood looks up to him because they know he is always right there when he is needed."

Gary has seen a lot of tragedy in his two years with the Glasgow volunteers. "The one thing that has had the most impact on me," he says, "was when we found a 14-year-old boy dead in the bath tub after a house fire. We searched for him about two hours before we found him. I know most everybody around here, so you're bound to come across somebody you know."

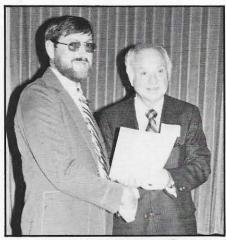
Why, then, does he enjoy being a volunteer? Gary answers modestly, "It's just a challenge to see what I can do to help somebody." A senior at DuPont High School, he has already inquired about joining the Charleston Fire Department after graduation.

Mullins receives Red Cross award

The Certificate of Merit, highest award given by the American Red Cross to a person who saves or sustains a life using skills learned through Red Cross training, has been presented to D. Wayne Mullins, Kingsport line mechanic A.

The Certificate of Merit, signed by President Reagan, was presented by Rep. James H. Quillen in a public ceremony at the Kingsport Power Company office. Attending were state Senator Carl Moore, Alderman Mary Cunningham and Kingsport Power Company President John Faust (a former Red Cross chapter chairman), along with members of Wayne's family. A telegram from Gov. Lamar Alexander was read. On hand to congratulate Wayne was one very thankful observer — his fishing buddy Roy Myers, whose life he saved.

On October 31, 1981, as the two Kingsport men neared Blountville on their return from a lake outing, Roy's pickup truck veered from the roadway and struck a guard rail. Neither was injured in



Rep. James H. Quillen (right) awards the Red Cross Certificate of Merit to D. Wayne Mullins, Kingsport line mechanic A.

the collision, but Wayne quickly recognized something was wrong with his friend. He correctly guessed Roy was having a heart attack and immediately pulled the retiree from the pickup truck to the roadside and began use of cardio-pulmonary resuscitation techniques

learned in a Red Cross safety class conducted for Kingsport Power employees. Wayne continued the strenuous routine for more than an hour, even as the Sullivan County Ambulance Service transported the victim to Bristol Memorial Hospital, where he was treated and began his recovery.

Dr. John G. Byers, the physician who attended Roy, said, "Wayne Mullins' knowledge and performance of cardio-pulmonary resuscitation clearly saved Mr. Myers' life."

Wayne's certificate of merit is the first to be awarded in Kingsport. The rarity of the award is further illustrated by the fact that during the past 70 years, only about 9,000 of the 130-million people who have taken Red Cross courses have received an award for saving a life.

Since Wayne saved Roy's life, he has qualified as an instructor and recommends that everyone take the free courses offered by the Red Cross. Roy, no doubt, recommends it also.



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