ILLUMINATOR

August 1991





Hearing held on fuel factor hike in Virginia

The State Corporation Commission held a hearing July 29 to consider Appalachian Power Company's request for a small increase in the fuel portion of its Virginia rates. The company filed its request June 19 in connection with the company's annual filing of its projected fuel costs and asked that the increase become effective August 1.

If approved, the increase will provide additional annual revenues of \$5.5 million, which amounts to less than a one percent increase. The average Virginia residential customer using 1,000 kilowatt-hours of electricity a month will see an increase of 45 cents. \square

APCo requests higher fuel factor in WVa

Appalachian Power Company on July 11 asked the Public Service Commission for permission to increase the fuel portion of its West Virginia rates, effective November 2, 1991. The request was filed in connection with the company's annual review of its power supply costs, which includes its costs for fuel and purchased power. The review covers the year ended September 30, 1991, along with projections for new expanded net energy cost factors for the coming year.

If the increase is approved, a West Virginia residential customer using 1,000 kilowatt-hours of electricity will see an increase of about \$4 per month. The increase reflects the termination of a rate reduction implemented in 1990 in response to an earlier overrecovery of estimated fuel costs. In addition, the request reflects higher energy cost, including what the company pays for coal. \square

Safety plaudits

Roanoke Division employees reached the 500,000 safe work hour mark on June 19.

...

Three Southeastern Electric Exchange safety awards have been presented to the management and employees of Kingsport Power Company. The first was in recognition of their achievement of the 1990 accident severity rate goal, which indicates the number of work days lost per 100 employees. SEE's severity rate goal was 16.08, and Kingsport's was zero. The second award was in recognition of employee's achievement of the 1990 accident incidence rate goal, which is based on fatalities and lost work days. SEE's accident incidence rate goal was .187 and Kingsport's was zero. The third award was for greatest improvement in accident incidence rate. In addition, the National, Safety Council presented an Award of Commendation to Kingsport Power for operating 276,277 employee hours without occupational injury or illness involving days away from work and for the 1990 Public Utilities Section Safety/Health Contest.

...

A Southeastern Electric Exchange Safety Performance Award has been presented to the management and employees of Appalachian Power Company in recognition of their achievement of the 1990 accident severity rate goal. SEE's severity rate goal was 16.08, and Appalachian's was 15.45. The severity rate goal indicates the number of work days lost per 100 employees.

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Lynchburg Division employees completed one year without a disabling injury on June 30.

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Employees in the Roanoke General Departments completed 5 years without a disabling injury on July 10.

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Employees in General Office Hydro completed five years without a disabling injury on July 10, qualifying them for the Chairman's Award.

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Charleston Division employees completed one year without a disabling injury on July 6.

...

Appalachian Power Company employees completed 3,000,000 work hours without a disabling injury on July 7, and their record was continuing at press time. \Box

Employees increase bond purchases

More than one-fifth of Appalachian Power's employees are building financial security by purchasing U. S. Savings Bonds. Personnel Services Manager J. Emmett Blackwell, who coordinated the company Savings Bond campaign in May, reports an additional 197 employees enrolled in the program and 75 increased their previous allotments.

General Office Human Resources, General Office General Services, Logan-Williamson Division, and Glen Lyn Plant received framed certificates from the Treasury Department for being the top performers in the campaign.

Also, Minuteman citations from the Treasury were presented to those locations exceeding 50 percent employee participation. The recipients were all General Office departments: Human Resources, General Services, Marketing & Customer Services, Executive, and Environmental.

Global climate change policy group formed

The issue of global climate change has become the focus of intensive debate within the United States and across the world. Given the potential exposure of the AEP System to any mandates to stabilize or reduce greenhouse gases, an AEP Policy Committee on Global Climate Change has been formed to establish corporate policy on this issue.

The committee, comprised of members of AEP senior management, will review national and international policy recommendations, evaluate analyses of proposed mitigation strategies for the AEP System, and approve communications tools to educate employees, shareowners, the public and policymakers.

The policy committee will be aided by a newly formed task force, which is comprised of individuals from various disciplines within AEP. The task force will monitor the scientific, legal and legislative aspects of global climate change. It will provide technical guidance and prepare internal and external documents for review and approval by the policy committee.

The policy committee members are: Chair, A. Joseph Dowd, senior vice president and general counsel; Anthony J. Ahern, manager, Environmental and Technical Assessment Division; Luke M. Feck, senior vice president-public affairs; J. E. "Jack" Katlic, senior vice president-fuel supply; William J. Lhota, executive vice president-operations; Gerald P. Maloney, executive vice president and chief financial officer; and James J. Markowsky, senior vice president and chief engineer.

Members of the task force include: Chair, Anthony J. Ahern; J. P. "Jack" Apel, vice president-governmental affairs, AEP Fuel Supply; David H. Crabtree, vice president-marketing and customer services; Barbara J. Gille, issues coordinator, Public Affairs; Dale E. Heydlauff, vice president-environ-

mental affairs; Marshall O. Julien, vice president-communications; Raymond M. Maliszewski, senior vice president-system planning; and John M. McManus, senior engineer, Environmental and Technical Assessment Division.

McKinney named CPM manager



Roger McKinney, Mountaineer Plant maintenance superintendent, was promoted to manager of Appalachian Power's Centralized Plant Maintenance group on August 1.

McKinney holds an associate in applied science degree in industrial supervision and management from Marshall University. He also attended the American Electric Power System Management Program at Ohio State University College of Administrative Science. He began his career in 1971 as a maintenance man C at John Amos Plant and was promoted to maintenance man B in 1971 and maintenance man A in 1973. He transferred to Ohio Power's Gavin Plant in 1974 and was promoted to maintenance supervisor at Mountaineer Plant in 1979. He was named production superintendentmaintenance in 1983 and maintenance superintendent in 1987.

Statement of Policy on Equal Employment

To all employees:

It is hereby reaffirmed that it is the policy of the American Electric Power Service Corporation to provide equal employment opportunity in all aspects of the employer-employee relationship including recruiting, hiring, upgrading and promotion, conditions and privileges of employment, company-sponsored programs, compensation, benefits, transfers, discipline, layoffs and termination of employment to all employees without discrimination because of race, color, religion, sex, age, national origin, veteran status or handicap.

Equal employment opportunity, as defined in the law and governmental regulations, requires affirmative steps to insure the full utilization of minorities and women in our work force. It is the intention of the company to adhere to both the letter and the spirit of these laws and regulations. The company's affirmative action plan sets forth our present interpretation of the course of action the company must take in order to fulfill its intention to fully meet its lawful obligations. Each company establishment has its own affirmative action plan for implementing the company's affirmative action program. Our affirmative action program is on file in the personnel services manager's office and portions of it are available for you to see at your request.

Richard E. Disbrow President and Chief Executive Officer

AEP's generating units being prepared

Life may begin at 40 for you and me, but the electric utility industry has traditionally considered 40-year-old generating plants to be nearing the end of their road. But that's changing — at AEP especially. In fact, a 50-year plantoptimization program has been implemented to ensure that the AEP System's generating units will be operating reliably and economically at the half-century mark. "It's now part of our strategic plan to make sure that each of these units runs economically until it is at least 50 years of age," says David H. Williams, Jr., AEP senior executive vice president-engineering and construction. "And we're counting on this program being successful.

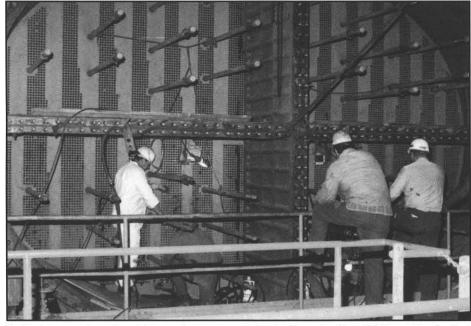
"The cost of new generating capacity is extremely expensive," Williams explains. "In addition to that, you have to consider the problems that are involved in determining a site and obtaining permits for a new generating facility and transmission lines. So our existing units and their sites are tremendously valuable to us."

Based on the System's experience with the Sporn, Kanawha River and Glen Lyn 6 series of units, the additional cost to maintain these units for a 50-year life ranges from \$60 to \$80 per kilowatt. That's an attractive choice compared to a new coal-fired generating unit, which could cost approximately \$1,600 per kilowatt in today's dollars.

"In addition, we are evaluating the feasibility and cost of operating our plants for 60 years," Williams notes. "When you project out to 60 years, you're getting into more uncertainties, but there are undoubtedly a number of units in this System that can operate economically and reliably for 55 to 60 years."

The importance of the life-optimization program is underscored by the steadily increasing percentage of the AEP System's capacity that is 35 years of age or older. Presently, 2,570,000 kilowatts of generating capacity are 35 years of age or older. Next year, that figure will be 3,150,000 kilowatts. In 1993, that number will grow to 4,255,000 kilowatts.

"AEP has always taken good care of its generating units. But, for a variety of



Earlier this year, the main turbine condenser was re-tubed at Kanawha River Unit 2, marking the first time that AEP System employees had ever done such work themselves without a contractor's services. Pictured, I. to r., are Oswald Lewis, David Hall, Glen McMillion, Roy Carroll.

reasons, we retired virtually all of the units that were completed before the Sporn series after about 35 or 40 years of service," Williams recalls. "Some were retired for environmental reasons, while some were simply no longer economical to operate.

"Everybody's pretty confident that we can achieve the 50-year life, but it's never been done before with units operating at high temperatures and pressures," he admits. "We're scratching new ground. There's no historical data anywhere in the industry on running units such as these for this number of years."

Keeping existing units in sound running condition makes even more sense because, Williams notes, "As far as building new capacity is concerned, there are not too many attractive alternatives. We're working on PFBC, of course, but it will be several years before we can build a commercial-scale unit. Our existing capacity is as efficient and runs as well as any new capacity of conventional design that we could start building tomorrow.

"Also, a lot of AEP's older units represent capacity that we can cycle with a high degree of flexibility. We can shut them down on Friday evening and start them back up on Monday morning,

and there's a fairly long list of units that must do that. Frequent cycling tends to be hard on a unit, but these units are designed with the flexibility to do that."

In some instances, Williams emphasizes, plant life-optimization plans may be impacted or altered by the need to comply with provisions of the new Clean Air Act Amendments, particularly if some units are fuel switched to natural gas.

"But the life-optimization plans are a very important part of what we're doing," Williams concludes. "And they involve a substantial amount of work and effort from our people in Mechanical Engineering, Instrumentation and Controls, and Electrical Engineering, as well as the staffs at the individual plants."

Mechanical Engineering

"We've developed 50-year life optimization programs for most of the AEP System's subcritical units (boilers operating below the critical point of steam at a pressure of 3,206 pounds per square inch and 706 degrees Fahrenheit). The only exceptions are Conesville Plant's Units 5 and 6, which are comparatively new," says George R. Burris, Jr., manager of AEP's Mechanical Engineering Division. "And we've also

to celebrate the half-century mark

developed life-optimization plans for a few selected supercritical units."

When you look at the dollars involved, the 50-year life-optimization program is a significant effort that will involve an average of \$50 million to \$60 million annually over the next five to six years, he says.

"One of the keys of the program is the fact that we have looked ahead and projected the refurbishments and the replacements that will be necessary—and the costs involved—to keep a given unit operating until it reaches 50 years," Burris says. "There's no question that it's prudent to make the investment needed to keep the existing units running properly.

"We haven't finalized a 60-year program, but we have been looking at the components that would have to be replaced to extend the lives of these units past the 50-year point. Our engineers are working in a number of areas in which there is no prior experience to draw upon, such as the high-temperature superheater and reheater headers, economizer headers, steam leads, turbine shells and rotors. We also have to take into consideration the normal 'wear-out' items that have different, limited life ranges, between five and 25 years.

"Right now, we don't have a formal, 50-year plan for our 800,000-kilowatt and 1,300,000-kilowatt units, but we have a basic 10-year forecast for these units, detailing the work they will need in order to keep operating reliably and economically," Burris says. "And even though we don't have a 50-year plan per se, we're doing the necessary maintenance and making the kind of equipment inspections on these large units so that they can operate for a long period of time."

As an example, Units 1-4 at Philip Sporn Plant near New Haven, W. Va. were placed in commercial operation between 1950-52. Life-optimization work at those units has included re-tubing the main condensers, replacing various sections of the steam generators, and replacing the main steam leads from the stop valves to the turbines.

The Sporn life-optimization program



The turbine for Glen Lyn 6 was replaced earlier this year, marking the first entire turbine replacement for the AEP System.

has also included extensive repairs to turbines, refurbishing the low-pressure generators, and installing new heating elements on air pre-heaters.

Virtually all of the work for the Sporn series of units (Sporn 1-4 and Tanners Creek 1-2) has been completed, according to Burris. Also, much of the work for the Kanawha River series (Kanawha River 1-2, Muskingum River 1-2 and Tanners Creek 3) has been completed.

"Currently, the bulk of our life-optimization work deals with the Glen Lyn 6 series of units, which also includes Clinch River 1-3, Kammer 1-3 and Muskingum River 3-4," Burris says.

"All of this life-optimization work is being done during planned maintenance periods — outages for general boiler inspection and repair — which presently occur at 18-month intervals."

Some of the work has represented firsts for AEP. Earlier this year, the main turbine condenser was re-tubed at Kanawha River Unit 2, marking the first time that AEP System employees had ever done such work themselves without a contractor's services.

"Our life-optimization program is espe-

cially timely in view of the advancing age of these units," Burris concludes. "Quite frankly, I believe it's the key to the future survival and success of our company."

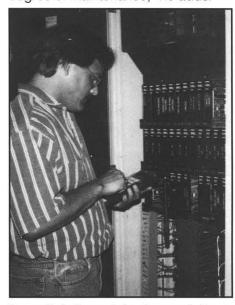
Instrumentation and Controls

"We've seen a progression from mechanical-type control devices, mainly pneumatic, to electronic, and now we're into programmable digital," says Robert H. Baer, manager of the Instrumentation and Controls Engineering Division

"It's difficult to keep these control systems maintained because the technology is advancing so rapidly. In many instances, you can't fix the old systems because the manufacturers are no longer making parts for them.

"We began replacing the obsolete, pneumatic boiler control systems in 1982 with new digital controls. By the end of this year, we will have replaced 38 of these systems and have eight additional systems planned over the next two years," Baer says.

Programmable logic controllers are replacing hard-wired relay systems in installations such as coal-handling and water-treatment systems. "The old systems are inflexible and require a high degree of maintenance," he adds.



Pneumatic boiler control systems are being replaced with new digital controls. Pictured above is Tim Hunt, Kanawha River Plant equipment operator A.

With the installation of programmable digital systems, the System has realized some improvements in unit operations and efficiency. A prime example would be in load frequency control. "The new controls are digital and don't drift," Baer says. "They provide a more precise response between the requests from System Operation in Columbus and the actual unit performance."

Electrical Engineering

"We have much better tools today to analyze problems when they occur," says Bruce A. Renz, chief electrical engineer and head of the Electrical Engineering Department.

"It's especially true in our area that the technology is constantly evolving. So we're constantly looking at whether to modify or retrofit in order to take advantage of some of the new developments. There are tools available in the monitoring and protective areas that simply weren't there a few years ago."

Electrical Engineering's contributions run a wide gamut from developing higher-efficiency lighting systems in the generating plants (which can improve a unit's heat rate) to studying the possible future role of adjustable-speed motors. Such motors promise much greater efficiencies than are possible today with conventional, fixed-speed motors.

Old, rotating exciters in the plants are being replaced by static excitation systems, which should improve uptime on those units. Five such systems have already been replaced, while seven more replacements are scheduled for the future.

Also, since the start of 1990, 20 voltage regulators have been replaced while 35 more replacements are scheduled through the end of 1993.

Ten generator-rewind projects have been completed on old, asphalt-insulated stators, with one such project now underway, eight more scheduled and 13 forecasted.

"We're paying a lot of attention to transformer diagnostics and have a lot tighter quality control on transformer maintenance," Renz observes. "Part of that involves an increase in on-line detection." That, coupled with a transformer



During the period from Fall 1987 to Spring 1990, approximately 60 percent of the tower structures and 100 percent of the tower fill were replaced on Clinch River Plant cooling towers 1-5. The refurbishing should lengthen each tower's life by approximately 20 years. This photo shows the new fill.

audit program started in 1989, has resulted in a significant decrease in transformer failures. "That's important, because the generator step-up (GSU) transformers are the plant's link to the transmission system and affect the bottom line of the company immediately."

Electrical Engineering is also working with Mechanical Engineering and Instrumentation and Controls engineers on the development of "expert systems" that apply the power of computers and on-line diagnostics in order to provide more useful information to power plant operators.

Combining manufacturers' troubleshooting guides, AEP's own maintenance histories and input from the System's own specialists, a plant operator can be given information that not only pinpoints a problem within the plant but also gives a probable diagnosis of the cause.

An expert system on generator stator cooling is now available at Rockport Unit 2. The system will be added at Amos and Mountaineer Plants later this year and will be installed at Gavin Plant in 1992.

Also on the horizon is the development of additional computer links — both within a plant itself and between the plant and the Service Corporation. "With such linkages, plant managers and specialists here at the Service Corporation could all be looking at the same data, simultaneously, if a problem occurred at the plant," Renz illustrates. "It would place our staff at the site of the problem, ready to assist."

The Plant Manager's View

"We see many, many years of operation left in these units," now that the life-optimization program for Units 1-4 is nearly complete, says N. R. "Randy" Humphreys, manager of the Sporn Plant.

"If you check the availability and heat rate figures for Sporn Units 1-4, you'll find that they're some of the best in the System," he smiles. "I think that speaks very well for units that are 40 years old.

"This all started in the mid-1980s when we ran some life-optimization studies on the turbine-generators sets and the boilers. After we identified the work that needed to be done, we fit it into a five-year plan," Humphreys recalls.

"Our five-year plan not only included our capital improvements, it also specified a detailed inspection program," he explains. "And, by the end of 1991, we will have completed the vast majority of the work.

"It's very critical that the System have units like these that can go on line and off line, and we've tried to incorporate that cycling into our studies and into our replacements and refurbishments. We're also in the beginning phases of life-optimization work for Sporn Unit 5 — next year will be a big year for that.

"We've had good support from the people in the Service Corporation, and, on this end, I can guarantee you that the plant employees here have a lot of pride in these units. They have Mr. Sporn's name on them, and the people want them to perform accordingly.

"Frankly, we're very confident of these units' ability to perform," Humphreys concludes. "We ought to be able to operate well beyond the year 2000." □

Sporn takes APCo softball championship



Members of the Philip Sporn softball team, which captured first place in the tournament, are: front row, I. to r., Burt Hickman, Pat Reiker, Mitch Mace, Pat Soulsby, Skipper Johnson, and Jeff Hubbard. Back row, I. to r., Tom Ragan, Jason Hysell, Jim Cottrill, Matt Miller, Scott Harrison, Steve Halley, Danny Porter, and Joey Roush.

For the first time in four years, Glen Lyn Plant has surrendered its title as Appalachian Power's softball champion. Teams from Philip Sporn, Mountaineer, Kanawha River, Clinch River, John Amos and Glen Lyn Plants and Beckley, Lynchburg and Pulaski Divisions participated in a double elimination event in Princeton, West Virginia, on June 22 and 23 to determine who would carry the crown for 1991.

Tournament play saw Pulaski winning five games on Sunday, defeating Glen Lyn by a score of 12-11 for the right to play Philip Sporn for the title. Sporn prevailed as this year's champs by defeating the Pulaski team 13-11 in a slugfest to claim their third title.

The efforts of the Sporn team were dedicated in memory of the late Harold Russell, former assistant coal yard superintendent and player, who was fatally injured in a tractor accident at home in January of this year. A moment of silence in his honor was observed by the players.

Glen Lyn Human Resources Supervisor Randy Nicewonder, who served as tournament director, would like to thank all the players and coaches for their

cooperation in this year's event. Next year the tournament will be held in the Point Pleasant-Gallipolis area. □



Members of the Pulaski softball team, which placed second in the tournament, are: front row, I. to r., Eric Strock, Kelvin Lee, Jim Alouf, and Stacy Hardin. Back row, I. to r., Vernon Crouch, Robert Kirby, Tony Alderman, Dave Jackson, Clyde Turner, and Jim Carpenter. Not pictured are Fran DeBellis, Mike Harrell, and Barry Phillips.

OWER PEOPLE

Abingdon

The winning team of the Abingdon Golf Tournament, held at Graysburg Hills Golf Club, included Paul Baker, line crew supervisor NE; Lewis Smythers, retired line and station supervisor; Kevin Sigmon. line construction and maintenance representative; and Hugh Sigmon, guest. The second place team included Dan Wynegar, station mechanic A: Hunter Thaver, general line crew supervisor; Mike Jones, engineering supervisor; and Paul Sauls, Marion line crew supervisor NE. Larry Houston, telecommunications specialist, GO T&D Communication, had the longest drive and was closest to the pin.

John Amos



Safety Coordinator **Buck McDaniel** was reelected to another four-year term on the Hurricane City Council. He already has served 20 years in this capacity. Buck is also a member of the Putnam County

Bluefield



Troy Coyner, Welch area supervisor, has been installed as president of the Welch Lions Club.

Jack Martin, Pineville area supervisor, and his wife Evelyn are the first husband and wife to be inducted simultaneously into the Pineville High School Hall of Fame. Both were honor graduates of the PHS class of 1948. They have six children, all of whom attended college and two earned more than one degree. Three generations of Martins are PHS graduates. Jack is past president of the Jaycees, Rotary and Lions Clubs; former member of the Pineville Town Council; 45-year member of the Pineville-Wyoming County Volunteer

Who's News

Fire Department, which he serves as treasurer. Jack, a member of Varney Cline Post 133 of the American Legion, has worked with the Boy Scouts and the Pineville Little League. He is a member of the board of directors of the Pineville Area Chamber of Commerce and involved in the Adopt-A-Highway Program in the Pineville area. A member of the First United Methodist Church in Pineville, Jack is Sunday School superintendent and on the administrative board. He also is president of the Methodist Men and was recognized recently by the women's unit for his outstanding church service. He was presented a pin and certificate, and a monetary donation was made in his name to a mission.

Charleston



Ben Selbe, Montgomery area servicer, was elected to the East Bank Town Council.

Mo Ahangardezfooli, Montgomery area supervisor, was elected to a three-year term on the Upper Kanawha Valley Chamber of Commerce board of directors.

Wayne Pugh, marketing and customer services manager, was elected to the board of directors of Junior Achievement of Kanawha Valley, Inc.

Area Servicer **Charles Caruthers** was awarded a commemorative plaque for excellence in service to the Coal River community. The award was presented by George Viars, owner of V-Mart, Inc., and Marion Brewer, manager of the local V-Mart store.

General Office

Lisa Persinger, stores accounting clerk B, GO Accounting, Roanoke, received the Dorothy Coulter Hancock award from National Business College in recognition of outstanding academic performance in the bachelor of business administration/accounting program.

□

Huntington



Jim Musgrave, marketing and customer services manager, has been elected president of the Kiwanis Club of Huntington.

Tom Johnson, area supervisor, was elected to the board of directors of the Ripley Rotary Club and was appointed chairman of community service projects. □

Pulaski

Refert and Tula Jenkins celebrated their 50th wedding anniversary on June 14. He is a retired Hillsville line crew supervisor NE. □

Knox earns CPS rating



Executive Secretary Marcella Knox is the first Kingsport Power employee to become a certified professional secretary (CPS). She earned the rating by passing a six-part, two-day examination administered

by the Institute for Certifying Secretaries, a department of Professional Secretaries International.

Knox, who attended Cleveland State Community College, joined the company in 1985. □

Friends We'll Miss







Marshall



Gaking



Slade



Smith



Johnson

Jack Newland, 68, retired Bluefield engineering technologist supervisor, died June 28. A native of Bluefield, West Virginia, he was employed in 1947 as a draftsman junior and elected early retirement in 1984. Newland is survived by one daughter, one grand-child, four sisters, and one brother.

Morris "Lightning" Marshall, 87, retired Cabin Creek Plant boiler operator C, died July 5. A native of Carroll, Virginia, he began his career in 1938 as a laborer and retired in 1968. Marshall is survived by his wife May, Box 196, Cabin Creek, West Virginia, and one stepson.

Jack Gaking, 78, retired plant clerk at Radford Army Ammunition Steam Plant, died July 5. A native of Newport, Kentucky, he was hired in 1951 as an electrical maintenance mechanic and retired in 1972. Gaking is survived by his wife Zella, 2 Spring Avenue, Radford, Virginia; three sons; one daughter; five grandchildren; and three great-grandchildren.

Ralph Slade, 83, retired Bluefield station supervisor, died July 7. A native of Tazewell County, Virginia, he began his career in 1934 as a mechanic's helper and retired in 1971. Slade is survived by two sons; one daughter;

ten grandchildren; six great-grandchildren; and one sister.

Harvard P. Johnson, 91, retired Glen Lyn Plant shift operating engineer, died June 26. A native of Winston County, Missisippi, he was employed in 1921 as a fireman at the Sprigg Plant and retired in 1965. Johnson is survived by his wife Frances, 200 W. Wolf Street, Narrows, Virginia; two sons; and five grandchildren.

Earnest Wade Smith, 51, Bluefield stores attendant B, died June 27. A native of Skelton, West Virginia, he joined the company in 1984 as a custodian. Smith is survived by his wife Billie, 426 City View Heights, Princeton, WV; one son; two daughters; four sisters; and five brothers. □

Mahler attains PE status



Ed Mahler, Pulaski marketing and customer services representative senior, has passed the examination to become a registered professional engineer in the Commonwealth of Virginia.

An agricultural engineering graduate of Virginia Tech, Mahler was employed as a residential representative in Christiansburg in 1979. He was named Pulaski division administrative assistant in 1987 and to his present position in 1990. \square

Bachelor's degrees



McKown

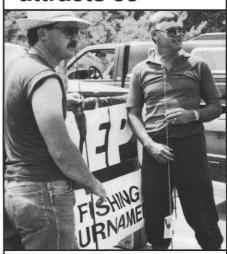
, Beckelheimer

Lori McKown, Philip Sporn plant clerk B, has earned a regents bachelor of arts degree from Glenville State College.

Jaime Beckelheimer, Princeton meter reader, has earned an associate in business management degree from Bluefield State College.

□

Fishing tourney attracts 55



The Fifth Annual Terry Banks APCo and Friends Fishing Tournament at Summersville Lake attracted 55 participants. During the two-day event, 182 fish were caught, over 90 percent of which were released. The APCo winners for largest fish were: first place, Tom McDonald, St. Albans line mechanic C, 15 1/4" smallmouth bass; second place, Jerry Corder, Charleston line mechanic A, 14 1/4" smallmouth bass; and third place, Tom Duttine, Charleston line mechanic A, 137/8" smallmouth bass. Duttine also placed first in most total inches, 39 7/16". Placing second was Terry Banks, Charleston line crew supervisor, 26 3/8". Pictured above, I. to r., are Duttine and Banks.

Retirements



"I've always liked the company. That's one of the reasons I quit a good paying job and took less money to work for I&M," said CPM Manager Bob Kinnett, who elected early retirement

August 1. "I've enjoyed my whole career with AEP."

An Air Force veteran, Bob joined Tanners Creek Plant in 1955 as a utility man and transferred to Breed Plant in 1959 during its startup. "The biggest challenge was starting CPM," Bob declared, "but it's the job I have enjoyed the most. I have made many, many friends throughout the System, and they have been very good friends."

Bob has been planning for retirement for quite a while, making sure he has plenty of things to do. In addition to his toymaking hobby, he has taken up oil painting, and his home is a showcase for his handiwork. "I've made hundreds of toys," Bob noted, "and each of my children has a whole set of them." His work includes airplanes from World War II: road construction sets with bulldozers and graders; complete trains; and a carousel. All the horses are hand carved, and the carousel is decorated with antique jewelry collected over the years. A music box provides sound as the carousel revolves.

Bob and his wife Betty plan to stay in the Gallipolis, Ohio, area at least for a while but will go to Florida for a month or so in the winter. "Most of my relatives live in the Cincinnati area, and we'll be doing a lot of visiting," he added. "And, since we both are golfers, we'll be traveling and playing new golf courses."

When **Earl Bowen** was laid off from the Railway Express Agency, a neighbor who was assistant superintendent of the old Kenova Plant, offered him a summer job there. But when he applied at the Huntington personnel office, he was offered a meter reading position instead. Earl retired August 1 as meter



reader supervisor NE after more than 40 years' service.

"Meter reading has really come a long way," Earl noted. "We used to write down the reading and make calculations by hand. Later we used the IBM

card 'mark sensing' method and now the computerized 'Roadrunner' system.

"I enjoyed meeting our customers when working in the field," Earl said. "In the early days customers would insist on sharing produce from their gardens with the meter readers. Among our customers and employees, I have worked with some great people."

Earl served two terms as mayor of the City of Kenova and 12 years on city council. A Kentucky Colonel, he has been Wayne County civil defense director and Red Cross disaster chairman.

Earl and his wife Catherine plan to do lots of traveling, which is their hobby. They want to tour Victorian homes and shop for antiques. They especially enjoy bed and breakfast inns. The Bowens have one son, one daughter, and five grandchildren. \square



"The company has been good to me through sickness and death," declared **Parthenia Deal**, Kingsport customer services representative, before her August 1 retirement. "The employees here are

like my family, and I hate to leave. I love people, and that's what I'll miss the most.

"I was hired in 1953 as a parttime maid and worked with Girl Scouts, Brownies, and home demonstration clubs. Some of the customers I'm waiting on now are grandchildren of those girls, so I feel I am a great-grandmother to some of them." Parthy plans to stay busy during retirement. "I love to shop and travel," she said. I'm going to Cancun in October and to Hawaii in April, and who knows where in between. I also plan on putting more time in my church work and being a nursing home volunteer."



"My relationship with employees has been the most enjoyable part of my career," said Montgomery Area T&D Scheduler Paul Slack, who elected early retirement on August 1.

An Army veteran, Paul attended Morris Harvey College before joining Appalachian as a meter reader. Except for two years in Stores at Central Machine Shop, Paul spent his entire 36-year career in the Charleston Division. He has worked as a collector, heating and builder sales representative, and customer service representative A. "After my heart attack, the doctor told me I would be better off working in something less strenuous so I moved to the T&D job in 1981.

"I've gotten away from golfing and fishing — been too busy — but retirement will give me more time for that plus carrying on the workload at home. I also plan on being more active in my church." The Slacks have three sons, two daughters, and three grandchildren. \square



"Growing up in the coalfields, I saw enough that I didn't want to work in the mines," recalls Bluefield Line Construction and Maintenance Representative **Chester Smith**. "I wanted something steady

to depend on so that's why I came to work for Appalachian.

"I started out in 1948 as a laborer in the floating crew and five years later went to the Radford Army Ammunition Steam Plant as a substation operator B. Over the past 42 years, I just went wherever the company sent me.

"I enjoyed the people I worked with, and I'll miss them an awful lot. I hope to come back to visit, but things change so fast that you are a stranger in a short time."

After Chester's early retirement on August 1, he plans to "take it day by day. Eleanor and I will do some traveling and spend more time with the grand-children. Our youngest son lives near Roanoke and the other son and daughter live near Richmond so they will probably see more of us than they have.

"I was going to give up gardening because it was interfering with my golf, but maybe now I will have more time for it," he laughed.

□



"I hit it lucky. When I was laid off from Carbide after 22 years, I came right over here to Amos Plant and got a job," recalled Utility Supervisor **Jim Mooney**. "When I was called back, I said 'no way. This is

more like family.' You know everybody and everybody knows you."

He continued, "I've enjoyed the people. Since I came in 1972, more than 200 employees have come through the Utility Department."

After Jim's retirement on August 1, he expects to be on the road most of the time. "Virginia and I belong to the Holiday Ramblers Club, and we meet a lot of interesting people on our trips with them. The Kanawha Valley Ramblers meet at a different park each month, and there are state and international rallies every year. There are about 3,000 rigs at the international one. Besides those, with one son in North Carolina and one in New York, as well as the grandchildren, we expect to keep Interstate 81 busy."

Jim also enjoys woodworking, fishing, and hunting and attends St. Luke's

Methodist Church in St. Albans. A Navy veteran of World War II, he made 16 landings, the last one at Iwo Jima.



When Unit Supervisor Junior Whittaker elected early retirement on August 1, he represented the third generation of his family to retire from Glen Lyn Plant. "My dad and grandfather worked here."

he recalled, "and I knew it was a good place to work since they did okay." Junior continued, "In the earlier days, the company had softball leagues, and we had a lot of good times with that. But there has been a lot of hard work, too, over the past 39 years. We have some really good people here, and I'll miss them. But I feel it is time to go while my health is good and I can enjoy life. I'll do a lot of hunting and fishing and some traveling. We have three children one lives nearby, one in Illinois, and one in Indiana - so we'll be visiting them some. I love motorcycle riding and have ridden in 48 of the 50 states. There weren't but 48 when I started so I have accomplished that goal. I'd like to think I could ride in the other two sometime.

Greer receives EEI resuscitation award



Roanoke Division Manager Bob Webster, right, presents Edison Electric Institute's resuscitation award to Ted Greer, Stuart line mechanic A.

Ted Greer, Stuart line mechanic A, is the recipient of Edison Electric Institute's resuscitation award. On April 11, 1990, he saved the life of a roofing company employee who suffered an extreme electrical shock in an accident at Stuart Baptist Church. When Ted reached the victim, he was having muscle contractions but there were no vital signs. Ted started CPR and, on the 14th compression, the victim began breathing. Ted learned CPR skills after joining Appalachian and had completed refresher training just two weeks prior to the incident.

□

Promotions







Holland



Chambers



Simpson





Helvey





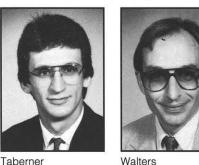
Crockett



Southall



Perdue





Mark Borman, production superintendent-maintenance at Indiana & Michigan Power's Tanners Creek Plant, was promoted to maintenance superintendent at Kanawha River Plant on June 1. He holds a bachelor of science degree in mechanical engineering from the University of Minnesota.

Thomas Holland, engineer senior, was promoted to relay supervising engineer, GO T&D Relay, Huntington, on May 1. He holds a bachelor of science degree in electrical engineering from Virginia Polytechnic Institute & State University.

Scott Chambers, electrical engineer II, was promoted to electrical engineer I in Huntington on June 1. He holds a bachelor of science degree in electrical engineering from West Virginia Institute of Technology.

Terry Simpson, engineering technician senior, was promoted to line construction and maintenance representative in Bluefield on July 1.

William Lowe, Jr., engineer II, GO T&D Relay, Bluefield, was promoted to engineer I, GO T&D Station, Bluefield, on April 1. He holds a bachelor of science degree in electrical engineering from Tennessee Technological University.

Mike Helvey, plant engineer II, was promoted to plant engineer I at Kanawha River Plant on June 1. He holds a bachelor of science degree in electrical engineering from West Virginia Institute of Technology.

Teresa Rogers, plant engineer II, was promoted to plant engineer I at John Amos Plant on June 1. She holds a bachelor of science degree in mechanical engineering from Virginia Polytechnic Institute & State University.

Matt Crockett, plant engineer II, was promoted to plant engineer I at Kanawha River Plant on June 1. He holds a bachelor of science degree in mechanical engineering from West Virginia Institute of Technology.

Denzel Southall, equipment operator B, was promoted to utility supervisor at Mountaineer Plant on June 1.

Wayne Perdue, plant engineer II, was promoted to plant engineer I at John Amos Plant on June 1. He holds an associate degree in electronics from West Virginia State College and a bachelor of science degree in electrical engineering from West Virginia Institute of Technology.

Bart Taberner, electrical engineer II, was promoted to electrical engineer I in Huntington on June 1. He holds a bachelor of science degree in electrical engineering from West Virginia University.

Robert Walters, engineering technician senior NE, was promoted to right of way agent in Huntington on June 1. He holds an associate of science degree in electrical engineering from Bluefield State College.

Jim Daugherty, plant engineer II, was promoted to plant engineer I at Mountaineer Plant on January 1. He holds a bachelor of science degree in mechanical engineering from West Virginia Institute of Technology.

Marlene Hackett, plant engineer II, was promoted to plant engineer I at John Amos Plant on June 1. She holds a bachelor of science degree in electrical engineering from West Virginia Institute of Technology.

Jon Pullen, electrical engineer II, was promoted to electrical engineer I in Huntington on June 1. He holds a bachelor of science degree in physics from Bethany College and a bachelor of science degree in electrical engineering from Georgia Institute of Technol-

Tom Glusich, Jr., electrical engineer II. was promoted to electrical engineer I in Huntington on June 1. He holds a bachelor of science degree in electrical engineering from West Virginia Institute of Technology.

Matt Morgan, plant engineer II, was promoted to plant engineer I at John Amos Plant on June 1. He holds a bachelor of science degree in mechanical engineering from West Virginia Institute of Technology.



Daugherty



Hackett



Pullen



Glusich



Morgan



Massie



Chatterton





Coffey

Paul Massie, plant engineer II, was promoted to plant engineer I at John Amos Plant on June 1. He holds a bachelor of science degree in mechanical engineering from West Virginia Institute of Technology.

Harden Davis, transmission station crew supervisor NE, was promoted to transmission station supervisor, GO T&D Station, Roanoke, on May 1.

Dale Chatterton, Jr., electrical engineer II, was promoted to electrical engineer I in Huntington on June 1. He holds a bachelor of science degree in electrical engineering from West Virginia Institute of Technology.

Kevin Standifur, Bluefield electrical engineer I, was promoted to Marion area supervisor on July 16. He holds a bachelor of science degree in electrical engineering from Virginia Polytechnic Institute & State University.

John Coffey, III, electrical engineer II, was promoted to electrical engineer I in Roanoke on June 1. He holds a bachelelor of science degree in electal engineering from Tennessee Technological University

John Amos

John Rollins from maintenance mechanic D to maintenance mechanic C.

Roger Riley from maintenance mechanic D to maintenance mechanic C.

Donald Stanley from maintenance mechanic D

to maintenance mechanic C.

Kenneth Tucker from maintenance mechanic D to maintenance mechanic C.

Robert Watters, Jr. from maintenance mechanic D to maintenance mechanic C.

Daniel Justice, Jr. from maintenance mechanic D to maintenance mechanic C.

Beckley

Tom Farley from line mechanic D to line mechanic C.

Bluefield

Robert Bratsis from line mechanic D to line mechanic C.

Kelly Wade from tracer to drafter.

Joan Leftwich from secretary-stenographer B to secretary-stenographer A.

Charleston

Judy Silva from department assistant-marketing and customer services to marketing and customer services assistant.

Tim Barnette from line mechanic C to line mechanic B, St. Albans.

General Office

Ricky Barbour from hydro mechanic B to hydro mechanic A, GO Hydro, Roanoke.

Billy Carroll from hydro mechanic B to hydro mechanic A, GO Hydro, Roanoke.

Lisa Persinger from stores accounting clerk C to stores accounting clerk B, GO Accounting, Roanoke.

Bonnie Patterson from centralized cash operator junior to centralized cash operator, GO Accounting, Roanoke.

Tammy Spradling from payroll clerk B to payroll clerk A, GO Accounting, Roanoke.

Judy Tamagni from meter clerk B to meter clerk A, GO T&D Meter, Roanoke.

Rondal Bell, Jr. from transmission station mechanic C to transmission station mechanic B, GO T&D Station, Marmet.

Claudia Banner from plant engineer II, Clinch River, to engineer II, GO Environmental Affairs, Roanoke.

Melinda Presley from marketing and customer services advisor, Bluefield, to marketing and customer services assistant, GO Marketing and Customer Services, Roanoke.

Huntington

Connie Shaffer from customer services representative D to customer services representative

Logan-Williamson

Vanessa Phillips from T&D clerk B to T&D clerk A. Williamson.

Pat Prater from T&D clerk B to T&D clerk A, Williamson

Jay Gore from line mechanic C to line mechanic B, Logan.

Mark Hill from line mechanic C to line mechanic B. Madison.

Mary Randan from human resources clerk B to human resources clerk A, Logan.

Eddie Matney from line mechanic C to line mechanic B, Williamson.

Tim Kincaid from line mechanic C to line mechanic B. Williamson.

Jeff Vaughan from stores attendant B to stores attendant A, Williamson.

Philip Sporn

Danny Porter from utility worker A to tool crib attendant.

Roy Sayre from utility worker A to tool crib attendant.

Kenneth Ramey from utility worker A to tool crib attendant

Kenberly Worley from utility worker A to tool crib attendant

Kevin Divincenzo from utility worker A to maintenance mechanic D.

Robert Dolin, Jr. from utility worker A to maintenance mechanic D.

David Carpenter from tool crib attendant to maintenance mechanic D.

Gary Bumgarner from tool crib attendant to maintenance mechanic D.

David Miller from tool crib attendant to maintenance mechanic D.

Steven Kinzel from tool crib attendant to maintenance mechanic D.

Service Anniversaries



Clayton Starcher meter electrician A Charleston 40 years



James Overbey service crew supv. NE Kingsport 40 years



Bobby Saul T&D office supv. GO-Roanoke 40 years



Sid Freeman maintenance supv. Glen Lyn 35 years



Sonny Wiley maintenance supv. Glen Lyn 35 years



Bill Ferguson tr. sta. crew supv. NE GO-Marmet 35 years



Jerry Dodson drafting supervisor GO-Roanoke 35 years



Earl Thornton asst. shift op. eng. Glen Lyn 35 years



Tex Landis regional dispatcher GO-Huntington 35 years



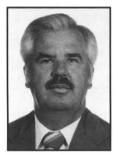
Herb Sayre regional dispatcher GO-Huntington 35 years



J. B. Rice engineering supv. Lynchburg 35 years



Onsbie Yates cust. serv. office supv. Grundy 30 years



Abner Jacobs meter reader Rocky Mount 30 years



Howard Hudson eng. tech. supv. Kingsport 30 years



Vickie King payroll clerk A GO-Roanoke 25 years



Rex Stewart line crew supv. NE Pineville 25 years



Gene Musser line crew supv. NE Hillsville 25 years



Lawrence Jennings area servicer Charleston 25 years



Tip Ayers survey party chief GO-Roanoke 25 years



Ronald Switzer line crew supv. NE Roanoke 25 years



Kathy Weddle payroll clerk A GO-Roanoke 25 years



Larry Rakes mk. & cust. serv. supv. Lynchburg 25 years



Harry Hughes, Jr. line crew supv. NE Lynchburg 25 years



Frank Grover, Jr. equipment operator A John Amos 20 years



Kent Bragg production supt. CPM 20 years



Harold Gillenwater safety & train. coord. Kingsport 20 years



Greg Pauley drafter senior Charleston 20 years



Roger Hubbard line mechanic A Kingsport 20 years



Gale Chase line mechanic A Kingsport 20 years



David Abbott maintenance mech. A John Amos 20 years



James Richmond car dumper (LTD) John Amos 20 years

Abingdon

motive mechanic A.

John Amos

dian.

cian

Beckley

Bluefield



Don Richardson transmission clerk B GO-Bluefield 20 years

15 years: Charles Boggs, meter reader,

Clintwood. 10 years: Daniel Harton, electrical

engineer senior. 5 years: Richard Long, auto-

20 years: Maxwell Bailes, maintenance me-

chanic A. Ernest Chapman, maintenance me-

chanic A. 15 years: Joseph Gregory, control

technician senior. John Albaugh, plant staff

engineer. 10 years: John Lester, performance

supervising engineer. Yauncey Freeman, plant

engineer senior. 5 years: Richard Easter, custo-

10 years: Greg Kindrick, line construction and

maintenance representative. Ted McAllister, line

construction and maintenance representative.

20 years: Jim Lamb, meter reader (LTD),

Tazewell. 15 years: Roger Jones, marketing

and customer services supervisor. 10 years:

Debbie Edwards, customer services represen-

tative B, Princeton. Joe Walker, line mechanic

C, Princeton. 5 years: **Tom Hevener**, electrical engineer I. **Barry Vaughn**, engineering techni-



Boyd Lively maintenance mech. A John Amos 20 years



Ami Watson cust. serv. rep. A Lynchburg 20 years

2nd class. 5 years: **Bryan Mabe**, production

Charleston

assistant.

35 years: Don Hundley, line crew supervisor NE.

Clinch River

5 years: Beecher Puckett, Jr., utility worker A.

General Office

35 years: Billy Gillespie, transmission mechanic A, GO T&D Transmission, Bluefield. 15 years: Jeff Whitehead, transmission mechanic A, GO T&D Transmission, Bluefield. James Mullis, transmission mechanic A, GO T&D Transmission, Bluefield. 10 years: Mary Ellen Hale, human resources clerk B, GO Human Resources, Roanoke. Mike Lawson, hydro mechanic A, GO Hydro, Roanoke. Jane Huff, classification and accounts payable clerk A, GO Accounting, Roanoke. Kirk Gibson, station operator A, GO Operating, Roanoke. Stanley Young, transmission station mechanic B, GO T&D Station, Marmet. Clifford Sherrod, transmission station mechanic B, GO T&D Station, mechanic B, GO T&D Station, mechanic B, GO T&D Station, Marmet.

Glen Lyn

10 years: Dreama Young, plant clerk B.

Huntington

25 years: Mack Terry, Jr., general servicer.

Kanawha River

5 years: Alan Snodgrass, maintenance mechanic

Kingsport

15 years: **Carolyn Gibson**, marketing and customer services representative senior. **Jessee Bruner**, **Jr.**, line mechanic A. 10 years: **Harold Walker**, meter reader.

Logan-Williamson

15 years: **David Stillwell**, power engineer, Logan. **David Stone**, service supervisor, Logan. **George Copley**, general servicer, Logan. 10 years: **Bill Horn**, engineering technician, Madison. 5 years: **Don Baisden**, stores attendant B, Logan.

Lynchburg

10 years: **Bobby Hawkins**, station mechanic C. **Mike Fifer**, meter reader. 5 years: **Jim Adams**, **Jr.**, marketing and customer services advisor. **David Burnette**, meter reader. **Roger Shepherd**, line mechanic C.

Mountaineer

20 years: **Janet Boggs**, utility worker. 15 years: **Norris Roush**, barge unloader operator. 10 years: **Dave Hood**, equipment operator B.

Pulaski

15 years: **Regina Lowman**, customer services representative B, Galax. **Bill Akers**, line mechanic A, Hillsville. 5 years: **Perry Henson**, area T&D clerk B, Christiansburg.

Roanoke

10 years: **John Reardon**, line construction and maintenance representative. 5 years: **Michael Campbell**, electrical engineer I.

Philip Sporn

15 years: **Curtiss Matheny**, maintenance supervisor. **Wayne Staats**, maintenance mechanic B. **Robert Stewart**, maintenance mechanic B. 10 years: **Michael Palmer**, production superintendent-maintenance. □



THE INSIDE STORY

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News

- Hearing held on fuel factor hike in Virginia APCo requests higher fuel factor in WVa Safety plaudits
 - Employees increase bond purchases
- Statement of Policy on Equal Employment Global climate change policy group formed McKinney named CPM manager

Features

- AEP's generating units being prepared to celebrate the half century mark
- Sporn takes APCo softball championship

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- 14 Service Anniversaries

About the cover:

Kevin Ellett, line mechanic C, and Jim Palmer, line crew supervisor NE, explain the equipment they use to work on lines to students at Northwood Elementary School. Ten employees in the Pulaski Line Section participated in Career Days at Pulaski County schools before the end of the school year. Photo courtesy *The Southwest Times*.

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