

the ILLUMINATOR

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APCo Agrees To Smaller Dam To Expedite Blue Ridge Project

In a move toward "expeditious licensing" of its proposed Blue Ridge Hydroelectric Project, Appalachian Power Company has stated it is agreeable to constructing the lower development to the somewhat smaller dimensions urged by the State of Virginia.

In a brief filed with the Federal Power Commission last month, Appalachian says elimination of 186,000 acre feet of additional flood control storage, which had been proposed by the Federal Power Commission Staff earlier, would permit a 14-foot reduction in the lower dam's height, saving \$1,716,000 and 2,000 less acres of land being included in project boundaries.

The company also says it is agreeable to foregoing the use of two feet of drawdown in the upper reservoir in order to make possible the realization at the earliest possible date of the recreation benefits for Virginia and North Carolina.

Appalachian's position includes the fact that if the FPC determines that the benefits to be derived from the additional flood control storage recommended by the FPC Staff exceed its costs, then it would be agreeable to constructing the lower develop-

A bill containing an amendment which could delay, and perhaps block, construction of the Blue Ridge Project is before the U. S. House of Representatives for a vote. At last report, however, no similar bill had been introduced in the U. S. Senate.

An amendment to a water resources development bill provides for a Corps of Engineers study of the New River and prohibits the licensing of any dams on the river until two years after the report has been submitted to Congress. However, no money is authorized in the bill to make such a study and, as one newspaper analyzed it, "with no money, there is no study, and with no study there is no dam license if the bill passes Congress".

The bill and the amendment were approved by the House Public Works Committee for submission to a House vote.

ment to its presently proposed dimensions. The company's overriding concern is that in view of escalating costs and need for the project's power output that nothing be done which would further delay the licensing and construction of the project.

Appalachian's initial brief, along with those from other interested parties, was filed following a July hearing for cross-examination on the FPC Staff's environmental impact statement. Answering briefs are to be filed by October 15.

In briefs filed by the Commonwealth of Virginia and the FPC Staff, both said they would agree with the concept of the elimination of flood control storage, thereby reducing the size of the lower dam and reservoir. In addition, Virginia called for the expeditious licensing of the project and for State Corporation Commission approval of the routes for transmission lines.

The State of North Carolina once again opposed the project, stating it would get no benefits.

Grayson County criticized portions of the FPC Staff's environmental impact statement, which had been the subject of the hearing.

In addition, the AEP System has asked for bids on four more towboats and 60 jumbo barges, and is planning the acquisition of 1,000 rail cars as the most economic and expedient method of relieving the current shortage of coal cars.

Among points made in its brief, West Virginia objected to additional flood control storage in the Bluestone Reservoir near Hinton, West Virginia, as proposed by the FPC Staff. The State said that such a move would hurt recreational facilities at Bluestone.



Helm

Helm Named Assistant Manager

Frederick O. Helm became assistant manager of Huntington Division October 1. He rises to the position from that of Charleston Division sales manager.

A native of Beckley, West Virginia, Helm is an electrical engineering graduate of Virginia Polytechnic Institute and State University. He also attended executive development seminars at the University of Michigan.

Helm was employed in 1949 as an engineer trainee in Beckley and was power sales engineer there before moving to Charleston in 1954. He became area superintendent at St. Albans in 1958 and returned to Beckley as district superintendent three years later. He was promoted to Charleston Division commercial and industrial sales supervisor in 1965 and division sales manager in 1967. He is married and has two children.

Effort Underway To End Strike Against Ohio Power Company

As the October issue of *The Illuminator* went to press, attempts were being made in Washington, D. C., to end a three-month-old strike against Ohio Power Company.

W. J. Usery, Jr., national director of the Federal Mediation and Conciliation Service, called a meeting for October 2 involving the Company and officials of the Utility Workers Union of America who represent employees of six Ohio Power plants.

Usery stated, "This work stoppage constitutes a serious threat to the public welfare. Both sides have a public responsibility to exert every effort to bring this long and disruptive dispute to an end."

At presstime, no further meetings were scheduled with the UWUA and the International Brotherhood

Cook: Electric Energy Will Play Increasing Role In American Life

After providing his audience a comprehensive review of the current and potential problems facing the American Electric Power System, Chairman Donald C. Cook told the 25th annual Management Meeting last month in White Sulphur Springs, W. Va., that nonetheless "the brightest of promises" remained.

"There is the certainty that electric energy will play an increasingly dominant role in the American way of life and that the American Electric Power System will continue to share fully in that role," Cook concluded in his traditional opening "state-of-the-System" address.

He singled out three basic, overlapping problems: environment, fuel and money, declaring that "the degree of challenge presented by each will be closely related to the potential growth in primary energy usage." Then he went on to say, "That there must be growth is quite obvious. The central questions are: how large will that growth be, how will it be satisfied in terms of available primary energy resources, and what portion of the over-all growth will electric energy be called upon to take care of?"

In a discussion of the environmental challenges facing the AEP System, Chairman Cook narrowed them down to two basic requirements: (1) "a return to reason in the air-quality standards and in compliance dates until the necessary sulfur-removal technology is available to permit continued use of eastern

coal," and (2) diligent work to develop that technology.

"Inflexible adherence to the present standards will surely precipitate the much-talked-about energy crisis," he predicted. "But, if it happens, because of the impact on the economy, I believe it will be short-lived."

"The days when we were able to plan, engineer, design, construct and operate our facilities primarily on the basis of sound engineering, sound economics and informed management judgment, for the purpose of producing and delivering reliable, low-cost energy, have passed," Cook declared. "Today is, and all the tomorrows will be, times of the elaborate environmental-impact statement, new environmental legislation and interminable public hearings, and at the hearings, to help us make these important decisions, we will constantly have as intervenors a new breed of self-styled experts with few qualifications other than loud voices and the compulsive desire to use them."

As an antidote for such conditions, Cook called for more advanced and comprehensive planning, including documentation of the absolute need for facilities, possible alternatives considered and rejected, and longer lead times for development of the facilities. "In sum," he said, "environmental questions will present an entirely new dimension to both the operation of old and the timely completion of new facilities in the 70's and beyond."

Turning to the problem of money, and particularly with respect to inflation, Cook said that, while the prices of all goods and services required in the company's business had moved sharply upward, none had risen faster than the cost of construction labor and thus the total cost of the System's new facilities. Not only had the cost per kilowatt of new generation virtually doubled "in a few short years," but the cost of financing had risen sharply as well. "If we require twice the dollars and the cost of the dollars has also doubled," he explained, "the total capital cost is thus four times as high."

To help offset inflation, the AEP chairman called for "even better" control of construction and operating costs. As an example, he proposed a "continuing worldwide search for suppliers capable of providing quality equipment at reasonable prices."

The opportunities for savings

(continued on page 2)

The IBEW locals representing Appalachian Power Company employees began wage negotiations September 24. The company has made an offer to the union and the meetings were in recess at press time.

APCo Files 765 Kv Feasibility Study With State Corporation Commission

Appalachian Power Company last month filed with the Virginia State Corporation Commission a feasibility study for a 765,000 volt transmission corridor south of Lynchburg and a substation site east of the city. The study was made to comply with an order issued by the Commission on July 20.

The filing was another step in hearings which began more than a year ago on Appalachian's proposal to build a 765,000 volt line from Roanoke to Lynchburg to meet growing needs for electricity in the Lynchburg-Bedford County area. In the original proposal, the line would originate at Cloverdale substation near Roanoke and traverse Bedford County to a proposed new Ivy Creek substation west of Lynchburg.

Alternate Routes

Last July, four alternate routes were described by Appalachian in answer to a Commission order. At the conclusion of hearings on the alternates, the SCC found that there is a need for a 765,000 volt line between Roanoke and Lynchburg. It also found two alternate routes, both to the north of the original route, to be unreasonable. But it asked Appalachian to conduct studies on a new southern route and a substation east of Lynchburg.

Original Preferred

The company stated in its report that it still found its original routing and plan "the preferred first step of development" for meeting Lynchburg-Bedford area needs for power in 1976. It pointed out that building the southern corridor and eastern substation as the first step in meeting area needs for electricity would cost Appalachian, and ultimately its customers, an additional \$5-million now over the original plan. The original plan would minimize the company's investment in facilities to meet electrical needs in 1976, the report stated.

Appalachian also said that constructing the line as originally

planned would provide greater flexibility as to location of a second 765,000 volt source of electric power for Lynchburg when the need arises, and the manner in which the two major substations are connected.

Second Substation

The location of a second substation and a second 765,000 volt line to serve Lynchburg's long-range power needs has been part of the extended hearings since the beginning, and was reiterated in the report. Appalachian has proposed as the first step in meeting demands for power in the area, a 765,000 volt line would be built from Roanoke to the proposed new Ivy Creek substation west of Lynchburg. Later, a 765,000 volt line would be built from Wythe County to the Martinsville-Danville area and then be extended to a new substation east of Lynchburg. These two substations near Lynchburg would be connected by a 765,000 volt line and tied into existing lines in the area, and give the entire area the protection of two major sources of electric supply. The second substation would become necessary when the needs of the area could no longer stand the complete loss of a major substation.

Whichever is built first — Ivy Creek or the substation discussed in the report — two substations would eventually have to be constructed to provide the needs of the Lynchburg area, the company emphasized.

No Surveying

In its report, Appalachian emphasized that it was presenting information solely on order of the Commission and has done no surveying of the route proposed by the Commission. The company did include preliminary information on topographic features, urban area patterns, historic sites, and environmentally defined area.

Hearings on Appalachian's study have been scheduled by the SCC for October 9 in Richmond.



Sinclair

Sinclair Remains As Consultant

Richard Bain Sinclair, chief civil engineer in the General Office T&D Civil Engineering Section, Roanoke, has reached retirement age but is being retained by Appalachian as a consultant.

A native of Roanoke, Virginia, "Sarge" holds a BS degree in civil engineering from Virginia Military Institute. He began his utility career in 1925 in the drafting room of the then Engineering and Construction Department under E. A. Turner. At that time AG&E was extending transmission network into Virginia. Sarge's first assignment was a property plat on the 132-kv Roanoke-Lynchburg line being built by Central Virginia Power Company.

Sarge says that "all working conditions in those early days would now be considered unusual. Outside people worked from 'can see' to 'can't see', and the inside people worked correspondingly. There was no overtime, no check stubs, no withholding tax, no formal hiring practices and even less formal firing practices."

Cook

(con't from page 1)

have never been greater, he maintained, because construction budgets are at an all-time high. "At present levels, savings of only a few percent represent very large sums."

Cook also indicated that more timely response by regulatory agencies to requests for badly needed rate increases would be helpful in meeting the squeeze of increased costs and inflation. "Regulation must become more dynamic, both in permitting the construction of new facilities on a timely basis and in authorizing the necessary rate structures to maintain financial integrity and thus permit the financing of necessary new plant in the most economical fashion," he said.

"This is essential in the consumers' interest. The alternative is a major contribution to an energy crisis with all of its attendant problems, including particularly a stifling of economic growth and a reduced standard of living in the country."

Air Pollution Compliance Program Approved For Five W. Va. Plants

A compliance program for particulate emissions at five AEP plants in West Virginia was accepted by the West Virginia Air Pollution Control Commission September 20. The closing of the 60-year-old Cabin Creek Plant by mid-1977 is part of the company's compliance with stringent state regulations.

A total of nearly \$215-million is proposed to be spent at the Kanawha River, John E. Amos, Kammer, Mitchell and Philip Sporn Plants to bring them into compliance with the state's Regulation II. A compliance program for Sporn, costing \$55-million, had been approved earlier and it was not a part of the September hearings.

Retrofitting of the plants with improved electrostatic precipitators, which capture fly ash particulates before they can escape out stacks at the plants, will be completed by mid-1976 and early 1977, the Commission was told by company spokesmen.

At the same time, the company urged the Commission to revise one regulation and repeal another. If this is done, savings to the company would be \$32-million, which ultimately would be passed on to customers.

The company asked for the repeal of a section of regulations which prohibits the use of sulfur dioxides to improve the efficiency of particulate control equipment. No other state in the union, to the company's knowledge nor the Environmental Protection Agency itself, has such a prohibition.

Also called for was an amendment to that section which sets an emission limitation of .05 pounds of particulate per million Btu per hour. Standards in states surrounding West Virginia are at least twice as high, and the company asked for a standard of .10 pounds.

The company statement went on: "It seems unreasonable to us that West Virginia, which depends on coal as the backbone of its economy, would set standards for the burning of coal which are considerably more stringent than other states."

Compliance programs offered to and approved by the Commission include:

Cabin Creek

Lack of space and economics prohibit installation of additional equipment. Over \$2½-million was spent on particulate control equipment here in 1970. By burning coal with a 1% or less sulfur content and 9% or less ash content, the company would continue to operate the plant until at least July 1, 1977. If the two regulations were changed, Cabin Creek could continue to operate, meeting sulfur and particulate standards.

John E. Amos

At a cost of \$55-million, Units 1 and 2 would be retrofitted by December 31, 1976, and March 1, 1977. A total of \$14-million has already been spent on these new units. If the .05 pound limitation were changed, a savings of \$8.3-million could be realized.

Kanawha River

Retrofitted in 1969 with particulate control equipment at a cost of \$4-million, Kanawha River would require an additional \$14.7-million expenditure for it to meet Regulation II standards. Work could be completed by October 15, 1976, and December 15, 1976. If the ban on gas conditioning were repealed, no additional precipitator equipment would be needed at Kanawha River and it could be in compliance in a few months at a cost of about \$500,000.

Mitchell

Equipment costing \$55-million would be retrofitted on the plant's two units by December 15, 1976, and February 15, 1977. A savings of \$8.3-million would result from a change in the .05 pound limitation.

Kammer

Equipment costing \$35-million is needed at Kammer and would be completed on its three units by April 15, June 15 and August 1, 1976. A \$5-million savings could be obtained with a change in the .05 pound limitation.

Mudgett Heads Civil Engineering



Mudgett

Ralph D. Mudgett, Jr., has been named civil engineering superintendent of Appalachian Power Company's General Office T&D Civil Engineering Section. He succeeds R. B. Sinclair, who has reached the age of retirement but is being retained by the company as a consultant.

A native of New London, Connecticut, Mudgett is a civil engineering graduate of Massachusetts Institute of Technology. He joined the Kyger Creek Plant of the Ohio Valley Electric Corporation in 1953. He later became an Appalachian hydro construction engineer and went to the company's Smith Mountain Project when construction began in 1960. He was senior structural engineer there until becoming chief of civil construction in 1964. He moved to the company's proposed Blue Ridge Project in 1966 and was promoted to assistant chief civil engineer in January of this year.

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Three Kentucky Power Divisions Affected By Personnel Changes



Beavers Lang Pridemore

Promotions affecting all three divisions of Kentucky Power Company were announced last month.

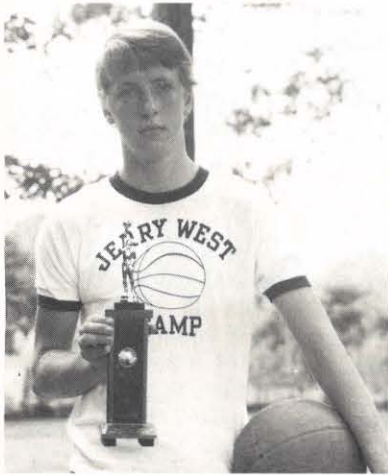
Wendell Pridemore was promoted to assistant Hazard Division superintendent. Replacing Pridemore as Ashland Division engineering supervisor was James Beavers. David A. Lang, Paintsville area supervisor in the Pikeville Division, succeeded Beavers as Ashland Division line and station supervisor.

Pridemore, a native of Jeremiah, Kentucky, holds a BS degree in electrical engineering from the University of Kentucky. He joined the company at Ashland in 1958 and served as engineering aide and distribution engineer before moving to Hazard in 1959 as distribution engineer. After serving as commercial and power sales representative there, he returned to Ashland in 1966 as distribution engineer. He became power sales engineer in 1967 and moved to Hazard in 1969 as division engineering supervisor. He returned to Ashland as division engineering supervisor last year. He is married and has two daughters.

A native of Davy, West Virginia, Beavers received a BS degree in electrical engineering from the West Virginia Institute of Technology. He joined the company in

1968 as a distribution engineer and was promoted to line and station supervisor in 1972. He is married.

Lang, a native of Parkersburg, West Virginia, holds a BS degree in electrical engineering from West Virginia Institute of Technology. He joined the company in 1965 as an associate engineer in Pikeville and was promoted to distribution engineer the following year. He was named station foreman in 1969 and Paintsville area supervisor in 1970. He is married and has two sons.



Mark McGinnis received the "most valuable player" award at the Jerry West basketball camp at Virginia Military Institute. The 14-year-old son of J. R. McGinnis, Beckley Division superintendent, Mark was one of 200 boys attending.

Gautier, O'Neal, Anderson Named Amos Unit Foremen



O'Neal Gautier Anderson

Roger L. Gautier, Kenneth E. O'Neal and Henry D. Anderson last month were promoted to unit foremen at John E. Amos Plant.

Gautier, a native of Narrows, Virginia, was employed in 1966 as a laborer at Glen Lyn Plant. He worked there as a utility man, utility operator and auxiliary equipment operator before transferring to Amos in 1970 as an equipment operator. An Army veteran, he is married and has one son.

O'Neal joined Cabin Creek Plant in 1966 as a laborer and worked

as a utility operator A and turbine auxiliary equipment operator B and A before transferring to Amos Plant in 1970 as an equipment operator. The Rhonda, West Virginia, native also served in the U. S. Army. He is married.

Anderson, a native of Wood County, West Virginia, went to work in 1967 as a utility man B at Beverly, Ohio. He was an operation man B and equipment operator before transferring to Amos Plant in 1970. An Army veteran, Anderson is married and has two children.

PROMOTIONS & TRANSFERS

Appalachian Power

Abingdon

G. R. Stoots to Customer Accounts Representative B.

John E. Amos

W. T. Tabor, II, Construction Activities Coordinator, from Amos Plant Construction to Cardinal Plant Construction. R. W. Scott, Safety-Security Coordinator Assistant, from Amos Plant Construction to Gavin Plant Construction.

Beckley

Basil W. Bolen, Jr., to Lineman A. James W. Hensley to Lineman B. Darrel R. Sanford to Line Foreman NE.

Bluefield

Albert M. Brown to Stationman B. James W. Rorrer to Stationman B. Ronald Keith McLaughlin to Lineman A. Henry Robert Sweeney to Lineman A. Herman Floyd St. Clair, Jr., to Electrical Engineer Senior.

Cabin Creek

E. F. Kirk to Boiler Operator C. T. L. Ward to Boiler Operator D. Gregory O. Tolliver to Boiler Operator D. James F. Carpenter, Boiler Operator D, from Cabin Creek to Gavin Plant. Darrell L. Petry, Boiler Operator C, from Cabin Creek to Gavin Plant.

Charleston

Omar R. Priddy, Jr., to Stationman B.

Clinch River

Jerry E. Taylor to Yard Helper.

General Office

Guy L. Ferguson to Station Maintenance Man A. John B. Floyd, Jr., to Transmission Man B. Donald L. Richardson to Transmission Man C. Randall T. Odell to Transmission Man B. Donald W. Carter to Transmission Man A. Thomas E. Tyree to Transmission Man A. Linda T. Naff to Station Clerk. Richard W. Coeburn to Transmission Man B. Deborah L. Averill to Clerk Typist. Ronald H. Hogan to Work Order Accounting Clerk. Marcia M. Kelly to Key Punch Operator B. Danny W. Sink to Classification Clerk.

Glen Lyn

Harry Johnson to Utility Man A.

Huntington

J. H. Linthicum, Jr., to Meterman C. Mark Lynch to Senior Engineering Technologist.

Kanawha River

Russell D. Casto, Jr., to Operation Man A. William B. Moore, III, to Operation Man A. William D. Vaughan to Operation Man A. Lawrence E. Hancock to Auxiliary Equipment Operator. William C. Peoples to Auxiliary Equipment Operator. Larry M. Green to Utility Operator. Robert A. Sparkman to Utility Operator.

Logan-Williamson

Barbara B. Webster to Tracer. Grover C. Wooten to Stationman A. Ernest Drummer to Lineman Helper.

Roanoke

G. S. Fisher, Jr., to Lineman C. G. W. Cullinan to T&D Clerk. W. D. Fisher to Meter Serviceman C. C. L. Hunt to Lineman C.

Central Coal

New Haven

Denzil Leroy Proctor to General Mine Foreman.

Kentucky Power

Ashland

Danny C. Melvin to Collector. Kenneth R. Brown to Meter Reader.

Big Sandy

Millard Jackson to Utility Coal Handler. Robert T. Garner to Coal Equipment Operator. Larry Medcalf to Yard Helper. Garry M. Allen to Performance Technician. Johnny M. Dixon, Jr., from Utility Operator, Big Sandy, to Operation Man A, Gavin Plant. Harold R. Osborne from Utility Operator, Big Sandy, to Operation Man A, Gavin Plant.

Hazard

Sam W. Whitaker to Lineman C.

Kingsport Power

Gale R. Chase to Lineman C. Roger L. Hubbard to Lineman C.

Southern Appalachian Coal

Marmet

Brooks Eugene Holcomb, Section Foreman, from Montgomery to Marmet.



Pauline Smith Gilkerson, Huntington customer accounts representative, believes in working smarter, not harder. In her job, Pauline processes all customer mail payments received in the Huntington Accounting Department. Last year some 350,568 checks had to be hand stamped for endorsement. Now the job is done with the aid of a Tickometer, which processes approximately 1,000 checks and stubs per minute. Pauline? She just stands by and supervises.

Nichols Named General Foreman



Nichols

J. E. Nichols, Jr., Roanoke line foreman NE, has been promoted to general foreman in the Fieldale area of Roanoke Division.

A native of Roanoke, Nichols was employed in 1960 as a rodman in System Civil Engineering. He transferred to Roanoke Division in 1963 as a groundman and rose through the ranks as lineman C, B and A before being promoted to line foreman NE in 1972. He is married and has two children.

Two Promoted In GO T&D Meter



Pendleton Beall

Two men were promoted in the General Office T&D Meter Section, Roanoke, last month. Guy Pendleton was named meter supervising engineer, succeeding J. A. Bostian, who earlier was named meter superintendent. Succeeding Pendleton as meter supervising engineer (laboratory) was John E. Beall.

A native of Kentucky, Pendleton holds a bachelor of science degree in electrical engineering from the University of Kentucky. He was employed in 1941 as a junior meter engineer in the then System Meter Department, Charleston. He later worked as a meter engineer and senior engineer before transferring to Roanoke when the department was relocated there. He was promoted to meter supervising engineer (laboratory) in 1969. He is married and has two children.

Beall, a native of South Charleston, West Virginia, is a graduate of Bliss Electrical School. He began his career in 1939 as a meter helper in the Meter Department, Charleston, transferred to Beckley in 1941 as a meter tester. After three years' service in the U. S. Air Force, he returned to work as a meterman C in the System Meter Department, Charleston. He rose through the ranks as meterman B and system meterman A before transferring to Roanoke in 1956 when the department was relocated there. He was promoted to system senior meter engineer in 1966.

PEOPLE IN THE SPOTLIGHT

CHARLESTON



Foehr Shabdue

Stu Foehr, heating and sales engineer, was elected president of the Producer's Council, Inc., of West Virginia.

Hubert Shabdue, area development coordinator, was elected president of the West Virginia Industrial Development Association.

Junior Achievement advisors for the 1973-74 program year are **Eddie Richards**, engineer B; **Anna McGonagle**, secretarial-stenographer; **Jim Elswick**, electrical engineer; and **Art Burdette**, electrical engineer.

Bob Sullivan, lineman B, is helping coach the Doc's Generals football team in the Midget League. Playing on the team are **Ronny** and **Kevin Charlton**, sons of Office Messenger Mona Sue Charlton.

Retiree **Rich Donegan** visited the Charleston Office recently.

Glenn Cook, right of way maintenance inspector, is the main speaker for the first winter meeting of the Charleston Electric League.

Certified as instructors in multimedia first aid training are **Morris Keeling**, line inspector; **Bill Salmons**, draftsman senior; **R. S. Leadman**, lineman B; and **L. O. Samples**, lineman A.

GENERAL OFFICE

John W. Vaughan, Appalachian executive vice president, was named second vice president of the Public Utilities Association of the Virginias. **James B. Berg**, Appalachian assistant secretary and assistant treasurer, was elected treasurer.

New employees are **David H. Level**, transmission engineer; **Nancy Parker** and **Anna McCadden**, key punch operators C; **Hattie Traynham**, maid; **Randall Minnix**, clerk trainee; and **Carl Price, Jr.**, rodman.

E. L. Bailey, GO residential sales supervisor, was elected vice president of the Virginia Manufacturers Housing Association.

Donald W. Hodock received a

master's degree in psychology from Radford College and was initiated into Phi Kappa Phi national honorary scholastic society. The son of George Hodock, transmission man B in GO T&D Transmission, Bluefield, Hodock is a school psychologist for Buchanan County, Virginia.

Airman **Otho Middlekauff** has been assigned to Seymour-Johnson AFB, North Carolina, after completing the Air Force bomb navigation systems equipment mechanic course at Lowry AFB, Colorado. He is the son of O. V. Middlekauff, station maintenance man A in GO T&D Station Section, Roanoke.

Thelma Creedle bowled in the Women's International Bowling Tournament in Las Vegas, Nevada. The wife of Mel Creedle, communications engineer in GO T&D Communications Section, she has bowled for Rutledge Paint and Body Shop for 12 years.

Jewell Woolridge, secretarial-stenographer in GO Public Affairs, spoke on "Professional Development" at the fall meeting of the West Central District Extension Secretarial Association.

CLINCH RIVER

Luther C. Houchins, personnel supervisor, was named vice chairman of the governing board of Southwest Virginia Community College. He is also a member of the advisory council of King College, the advisory board of Russell County Vocational-Technical School and the State of Virginia Curriculum Committee for vocational, technical and industrial education.

Joel E. Harrison, plant engineer, had championship wins in the East Tennessee State University Open and the Bristol Chess Society annual tournament.

ROANOKE

L. W. Jenkins, Fieldale heating and builder sales engineer, was elected to a three-year team as deacon of the First Baptist Church, Collinsville.

Ira L. Poff, husband of T&D Stenographer Jane Poff, was promoted to staff sergeant in the Virginia National Guard.

H. M. Smythers, power sales engineer, was included in the most recent issue of "Personalities of the South". He served as chairman of the Roanoke City Democratic Party (1971-72) and has been an officer in his church, Jaycees and Lions Club.

R. Lewis Mills, power sales engineer, scored an Eagle on the 447-yard, par five 15th hole at Ole Monterey Golf Course.

Mrs. Dillard Gravely, wife of the Fieldale engineer B, is the first woman member of the Henry County Electoral Board.

Perry J. Reese, part-time clerk trainee, and **Richard J. Laurie**, commercial sales engineer, are new employees.

Appalachian employees were members of three teams which played in a recent state softball tournament in Danville, Virginia. Playing for the Rudy Cox team were **Mack McClung**, son of Public Affairs Director W. A. McClung, and **Garland Berry**, husband of Pat Berry, GO Purchasing. On the New River Electric team were **Ron Jamison**, GO Station; **Jerry Adcock**, Roanoke Division Line; **Wayne Likens**, Roanoke Division Line; **Donny Robbins** and **Gus Croft**, GO Accounting; and **Lonn Moran**, GO Distribution. **Bobby Ragland**, Roanoke Division T&D, played for the Scrappers.

BECKLEY



Smith

Sgt. Paul D. Smith, son of PBX Operator Leva Smith, was awarded the Expert Infantryman Badge while assigned to the 2d Infantry Division in Korea. The badge is the Army's highest non-combat proficiency award for infantrymen. Sgt. Smith is an assistant squad leader in Company A, 1st Battalion of the Division's 38th Infantry.

Rita Barker, wife of Personnel Supervisor Clyde Barker, was a judge in the Beckley area chicken cook-off contest.

Lineman **Walter Leach** and Head Custodian **Robert Duran** are coaching the East Beckley entry in the Beckley Midget League football program.

Lisa Ann Wiseman received a 26-inch, three-speed racer bike as winner of a draw prize at the West Virginia State Fair. She is the 10-year-old daughter of Planner Bill Wiseman.

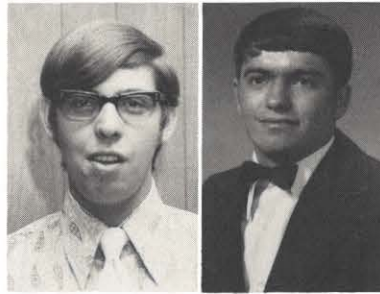
MONTGOMERY

Siebert W. Osborne, Jr., section foreman, is a new employee.

CABIN CREEK

Russell J. Shelton, utility man B, is a new employee.

ABINGDON



Moser

Gregory

Gary Lee Gregory, a recent graduate of Abingdon High School, will be featured in the seventh annual edition of "Who's Who Among American High School Students". The son of Roy Gregory, Gary participated in football, golf, Future Teachers of America, Interact and Junior Science. He was on the executive committee of his senior class and served as chaplain. Gary is also the recipient of the President's Physical Fitness Award.

George R. Moser, a junior at Virginia Polytechnic Institute and State University, has been awarded a Brunswick Foundation Scholarship. The \$1000 annual scholarship is good until he completes his undergraduate study. His mother works for the Brunswick Corporation in Marion and his father, S. R. Moser, Jr., is a line foreman in Marion.

Mrs. Clark Peck was a blue ribbon winner for artistic arrangements at the August meeting of the Abingdon Garden Club.

SN Charles Ray Hefner, currently assigned to USS Vulcan, was cited by his commander for outstanding behavior and performance. The son of Charley Hefner, Ray has been cleared for top secret and is being reassigned to England.

D. C. Landreth, engineer B, was named assistant scoutmaster of Troop 222, Sequoyah Council, Pellissippi District.

Ronald Bellamy, Gate City lineman A, was elected external vice president of the Gate City Jaycees.

Mark Lindamood, a recent graduate of Gate City High School, received the English award and the Armed Services award consisting of a \$500 scholarship to Virginia Polytechnic Institute and State University. The son of W. C. Lindamood, Mark was recognized for eight years continuous service in the Gate City High School band.

PULASKI

Tony Blair, son of Sales Supervisor R. J. Blair, has entered Oklahoma State University to do graduate work toward a master of science degree in geology.

Joseph H. Brugh, husband of Clerk Trainee Sheila Brugh, received a master of science degree at Radford College.

Fred Schmidt, son of Christiansburg Customer Accounting Supervisor Carl Schmidt, has accepted a position as area staff auditor at Eli Lilly & Company headquarters, Indianapolis.

Mrs. Winston E. Miller, wife of the Pulaski line inspector, was recognized at the summer commencement exercises of New River Community College for her service in the development of the college grounds.

HUNTINGTON

After qualification rounds, **Paris Rowe** and **Menis Rowe** won first and third place, respectively, in the Strohs Pro-Am bowling tournament in Huntington. Paris is the father of Menis Rowe, meter reader.

Tom Rose and Paul Somerville, a two-man handicap team, won the West Virginia Moose Tournament at Clarksburg. They also won the Southern Division Tournament in Huntington. Rose is an area T&D clerk at Point Pleasant.

LYNCHBURG

Marie Waggoner, wife of Accounting Supervisor R. B. Waggoner, tied for the championship of the Least Putts Tournament at Winton Country Club.

Retiree **R. D. Curtis** attended the 50th anniversary of the Class of 1923, New York State Rangers School (Syracuse University), at Wanakena, New York.

W. W. Ford, Jr., sales manager, was elected chairman of the Kiwanis Club of Lynchburg Travel-Adventure Series.

James B. White, division manager, was named to the Central Virginia Regional Vocational-Technical Education steering committee of Central Virginia Industries, Inc.

MARMET

Kandy Ball, daughter of Clerk Typist Carol A. Ball, was crowned "Junior Miss Marmet" during Labor Day weekend festivities.

Terry Hawkins, son of Personnel Clerk Hazel Hawkins, was chosen a member of the East Bank High School stage band.

New employees are **Gary Dale Tinnel**, mining engineer; **Rodney Walter Porter**, co-op student engineer; **Doran E. Bishop, Jr.**, section foreman; and **Kenneth Kyle Bailey**, intermediate clerk.

BIG SANDY

New employees are **Rickey J. Bryant**, **Michael E. Bailey** and **Donald G. Caldwell**, utility men B, and **John W. Hughes**, performance engineer.

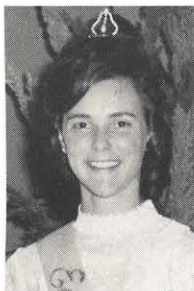
LOGAN-WILLIAMSON

Hazel Kinser, wife of Stationman Dallas A. Kinser, was elected first vice president of the Verdunville Woman's Club. She was also appointed recorder and parliamentarian.

Retirees **Jack Fife** and **Calvin Cyfers** visited the Logan Office recently.

Collector **William M. Hatton** was selected as "citizen of the week" by Logan Radio Station WVOW. He was awarded gifts from the Logan merchants.

BLUEFIELD



Jackson

Ann Jackson was crowned Mercer County Beauty Salon Week Queen for 1974. The daughter of Accounting Supervisor Kenneth Jackson, she will preside at 1974 functions and will compete for the state title.

Jim Turpin, air conditioning engineer, was elected Sunday school superintendent of the Church of God, Princeton. His wife **Betty** was elected a teacher of one of the pre-school-age departments and their son **Randy** was elected a teacher of one of the extension classes.

Bill Ball, engineer B in GO T&D Communications Section, played first base for the White's Union 76 fast pitch softball team. The team was champion in the Peterstown, W. Va., League and second place winner in statewide competition. The team also competed in national playoffs in Ashland, Ohio.

Pfc. Michael R. Hawkins graduated from recruit training MCRD, Parris Island, South Carolina, and is stationed at Twenty-nine Palms, Calif., where he is attending communication electronics school for qualification in the field of telecommunications. He is the son of the late Roy R. Hawkins, GO T&D Communications.

Diane Fanning, wife of Building Supervisor E. E. Fanning, was appointed finance chairman of the DeMolay Mothers Club, Bluestone Chapter.

Bob Shrewsbury is coach for the Pee Wee Little League team in Bluefield, and his wife **Sherrie** is team mother. Sherrie is an office messenger.

Marilyn Barr, customer accounts representative C, was named assistant circle leader for Circle No. 3, Trinity United Methodist Church in Bluefield.

New employees are **Sharon B.**

Shrewsbury, office messenger; **Madeline B. Ciamparella**, clerk trainee, Welch; and **Connie R. Hayton**, custodian.

C. L. Shockey, personnel supervisor, was elected first vice president of the Kiwanis Club of Bluefield. He was also appointed by the manager of the Employment Security Agency of Bluefield as chairman of a task force to head up a committee of industries for the hiring of veterans. The committee is an outgrowth of the Federal Veterans Employment and Readjustment Act of 1972.

GLEN LYN

Connie Fleshman and **Becky White** were elected varsity cheerleaders at Peterstown High School. They are the daughters of W. R. Fleshman, head material clerk, and J. M. White, equipment operator, respectively.

Theresa Beasley, daughter of Yard Foreman K. E. Beasley, was elected a cheerleader at Peterstown Junior High School.

HAZARD

Andrew Bedwell, **Larry Glenn Dixon** and **James Richard Burke** have been employed as meter readers.

Meter Reader Ends 28 Year Career

William Austin Wilson, meter reader at Galax, Pulaski Division, elected early retirement October 1, ending a career of 28 years. Austin, who is the oldest of 13 children, says he hasn't had anything but hard work since he was seven years old and thinks it's time he let up a little.

A native of Union County, Kentucky, Austin was employed in 1945 and worked as a lineman B and A before becoming a meter reader in 1953. He is proud of the fact he has made a lot of friends in his 28 years' service.

Austin plans to work around his home and remodel another house he owns. He says, "I love to mess with things and fix them. I am a welder, mechanic and a pretty fair electrician. Everybody comes to me when they want something fixed." According to J. R. Kidd, Galax area supervisor, Austin can make an automobile run when no one else can.

Austin and his wife have eight children and six grandchildren. They attend the Church of God of Prophecy.



Wilson



Wilks

A. T. Wilks, 79, retired assistant to the Huntington Division manager, died September 21.

A native of Buffalo, New York, Wilks began his career in 1915 with the Ohio Valley Electric Railway Company and Consolidated Light, Heat and Power Company. Both firms were predecessors of Appalachian Power. From 1923 to 1943 he served as sales manager, manager of lighting sales and manager of residential sales. In 1943 he became district commercial manager and a year later was made division commercial manager. After serving as administrative assistant, he was promoted to assistant to the Huntington Division manager in 1950. He retired February 1, 1959.

Wilks is survived by his widow, one daughter, one sister, two brothers, two granddaughters and one great grandson.



Crutchfield

Rodman Crutchfield, 75, retired head T&D clerk at Pikeville, died September 6.

A native of Whitley County, Kentucky, Crutchfield began his career in 1929 as a lineman. He served as a right of way agent, inspector, line foreman, T&D clerk and Paintsville area supervisor during his 34 years' service. He retired March 1, 1963.

Preceded in death by his wife, Crutchfield is survived by one stepson.

John P. Kirk, 73, retired assistant boiler operator A at Logan Plant, died September 16.

A native of Boyd County, Kentucky, Kirk was employed in 1935 as a laborer. During his 26-year career he worked as a coal handler, boiler room man, boiler operator C, boiler auxiliary equipment operator A, assistant boiler operator A, auxiliary equipment operator, mechanical maintenance helper and boiler and condenser auxiliary operator. He elected early retirement in 1961.

Kirk is survived by a son and a daughter.

We Remember



Smith

Junius Wade Smith, 68, retired sales analyst in the General Office Commercial Department, Roanoke, died August 30.

A native of Bluefield, West Virginia, Smith was employed in 1918 as an office boy. During his 49-year career, he also served as a power billing clerk, chief clerk, power engineer senior and administrative assistant B. He elected early retirement in 1967.

Smith is survived by two brothers and one sister.



Jennings

Lynn A. Jennings, 68, retired area sales representative at Paintsville in the Pikeville Division, died August 31.

A native of Tazewell, Tennessee, Jennings was employed in 1950 as a rural sales representative. He retired June 1, 1970, after 20 years' service. He had served as a representative from Johnson and Martin Counties to the Kentucky Legislature.

Jennings is survived by his widow.

Henry M. Birtle, 77, retired Bluefield Division stationman, died September 13.

A native of Bingley, England, Birtle was employed in 1935 as an electrician at Roanoke. He was promoted to switchboard man and wireman A in 1944 and transferred to Charleston in the same position the following year. In 1946 he moved to Bluefield as a maintenance man A and was made stationman A in 1953. He retired in 1961.

Harmon Authors "Ideas" Article

An Appalachian Power Company employee had his operation improvement suggestion published in the September/October issue of *AEP Operating Ideas*.

J. J. Harmon, Jr., Bluefield Division electrical staff engineer, wrote "Training In Station Switching Procedures".



Collins

Peter Collins, 40, part-time custodian in the Princeton Office, Bluefield Division, died September 3 from injuries received in an automobile accident.

Collins was employed in March of this year. He is survived by his widow, two daughters, two brothers and seven sisters.

Tracy H. Snyder, 74, retired engineer assistant in Huntington, died August 28.

A native of Lawrence County, Ohio, Snyder was employed in 1926 as a groundman. He worked as a rodman and inspector junior before retiring due to disability in 1954.

Changing Address?

Many active and retired employees have had trouble receiving this newspaper, often because you do not notify us when you move or change addresses.

Please remember to notify your local Personnel Department when you move so that office can send a change of address form to the Payroll Department.

Thanks!

Cox Receives Second Degree



Cox

Fred Walter Cox, Jr., engineer B in the General Office Construction Group, Roanoke, has received a second degree from Virginia Western Community College.

When Cox joined Appalachian in 1970, he held a degree in architecture technology. He attended day and night classes for two and a half years to attain a degree in civil engineering technology this June. He is also taking a course in civil engineering from International Correspondence School.

AEP Management Meeting Highlights

Environmental Matters Continuing Problem

"Unfortunately, litigation has become an American way of life," said **James B. Henry**, vice president and general solicitor, Service Corporation.



Henry

"Matters of substance" pending before the courts have multiplied so rapidly that Henry chose but one — air quality, particularly with regard to sulfur dioxide — to illustrate the problems.

While electric utilities were slow

to see the implications of the Environmental Protection Agency's ambient air standards, they began to protest when EPA adopted, without hearings, emission standards for new power plants.

Many AEP cases on air quality have yet to be concluded, one regarding use of lime slurry scrubbing systems to achieve SO₂ emission standards and others challenging "state implementation plans" for meeting ambient air standards.

Henry cited a 1973 Pennsylvania case as evidence of "the unfairness of the basis on which EPA is permitted to adopt its regulations without an evidentiary hearing." There, the court found all technical processes for SO₂ removal "throughout the world are experimental in nature."

Finally, Henry said, one point has not been made sufficiently: "We

really should not be talking about the availability of SO₂-removal equipment, because some day such equipment will become available. We should be talking about the advisability of SO₂ removal, in view of the fact that, with a properly designed tall stack, SO₂ emissions at ground level from a power plant are virtually undetectable."

"Are our environmental regu-



Dowd

lators and politicians beginning to come to their senses and recognize the impossible situations they have created?" Probably so, said **A. Joseph Dowd**, vice president and general counsel, Service Corporation.

On the state level, he said, governors have tried to postpone deadlines for meeting emission standards. State regulators have granted variances on filing dates for sulfur-dioxide compliance schedules.

While EPA continues to claim that SO₂-removal technology is available, the agency is authorizing states to adopt "supplementary or intermittent control strategy as an alternative to fixed emission limitations." EPA has also relaxed its secondary SO₂ ambient standards and has concluded that nitrogen oxides "are not the problem we once thought they were."

On the negative side, the U. S. Supreme Court, by a tie vote, let stand a lower court decision prohibiting "significant deterioration"

of air quality in clean-air regions. This decision could add further to plant construction difficulties, Dowd said, and "seriously inhibit economic growth."

Congress is beginning to see the social, economic and capital costs of the Clean Air Act, as well as its contribution to the energy crisis, he said. Amendments to the Act will come before Congress soon. Moreover, the National Academy of Sciences and the Department of Health, Education and Welfare are studying whether or not SO₂ affects public health. These studies could promote relaxed standards.

EPA guidelines for water pollution control will be adopted shortly, and plant siting laws are appearing. "On the water side," Dowd said, "I hope that our public officials have learned something from the debacle that they have created on the air side. With respect to plant siting, just how bad it will be will depend upon whether the agencies administer their responsibilities in a commonsense manner."

AEP Tradition Of Meeting Challenge Exemplified In Presentations

Legislation. Agitation. Inflation.

They add up to what one speaker at the 25th American Electric Power System Management Meeting called "the new ground rules." In one form or another, they were the subject of most of the addresses delivered to 150 System managers during the three-day session at White Sulphur Springs, W. Va.

The theme was not so much the identification of the problems — all utility managers know them — but rather how the AEP System, with its tradition of rising to challenge, could solve them, or at least continue to operate effectively in their presence.

Following is a digest of how this can be done.

What's going on in the states the AEP System serves? What sort of attitudes are forming? How will these attitudes affect our operations? Answering these questions were 11 speakers from the Service Corporation and the operating companies.

E. E. Fournace, vice president of Ohio Power Company, spoke

in the absence of **Joe Gills**, executive vice president who was ill and unable to attend. Ohio Power, he reported, continues to devote a large part of its resources to the Muskingum Mine reclamation area in the southeastern part of the state.

"Our pride," he said, "is not shared by everyone." He pointed to several examples in which critics in business, government and education were converted to friends by exposure to the work being done. For future plant sites, he said, evaluation studies are being conducted with a view toward enhancing the environment.



Kopper

In Indiana, reported **Robert M. Kopper**, executive vice president of Indiana & Michigan Electric Company, the state Department of Natural Resources is exploring transmission line siting without legislative authority. He suggested that close contact be maintained with such agencies as this, tax commissions, and state legislatures in order to be aware of governmental attitudes which turn into legislation.



Vaughan

Reporting on Virginia and West Virginia, **John W. Vaughan**, executive vice president of Appalachian Power Company, said that industrial development in Virginia continues to be good and is starting a comeback in West

Virginia. Expenditures by government and education are keeping pace with those of industry, and include highway extension, college expansion, and, incidentally, the first total-electric office building ever built by the Federal Government.

Apart from state air- and water-quality regulations, the principal piece of legislation affecting utility operations is a law in each state requiring public hearings on transmission lines above 200,000 volts.



Patterson

George V. Patterson, AEP president, reported on Tennessee and Kentucky. In Tennessee, for the first time, the Tennessee Valley

Authority is experiencing some adverse public opinion because of recent rate increases and on environmental grounds.

Kentucky's coal-based economy, with its supply of low-sulfur coal, is looking forward to bright days. He reported new small businesses, new housing and an increased emphasis on recreation development in eastern Kentucky. He added that there is a possibility that the state legislature, meeting in January, may enact a plant-siting bill.

John Dolan, senior vice president and chief engineer, Service Corporation, told of the "technically successful" year just past.

"We achieved the nation's leading position in generating efficiency," he said. "We completed the first full year of operation on our 800,000-kilowatt units. We finished a rebuilding program that materially reduced forced outages. John E. Amos Plant's Unit 3, AEP's first 1.3-million kilowatt unit, went into shakedown operations. Construction of the two nuclear units at the Donald C. Cook Nuclear Plant was reorganized toward a

clearer completion date. And we built the last legs of the initial 765,000-volt transmission grid." This grid, he added, is the country's "only true EHV grid — capable of swinging large quantities of power from one part of the System to the other."



Dolan

Our industry continues to grow, he continued. Including Amos Unit 3, today's generation exceeds 15-million kw. By 1982, the System will need a capability of 25.4-million kw.

Lead times for both nuclear and fossil-fueled plants are increasing, he said. This is due in part to the expanded construction and engineering time required for larger units. But siting problems and permit approvals can cause more significant delays.

Among proposed technological advances planned for the System, Dolan said, are compact, gas-insulated substations up to 765 kv and high-voltage vacuum circuit breakers.



Nagel

T. J. Nagel, senior vice president-system planning, Service Corporation, laid down several principles for a planning program designed to meet the constraints and exigencies of today:

- A plant-site-acquisition program to cover the System's needs for the next 20 years;
- A series of definitive alternatives to cover generation and associated transmission needs for the next 10 years;
- An improved load-forecasting program to permit development of extra-high-voltage transmission requirements eight to 10 years in the future, and
- Definitive EHV transmission proposals, with alternatives where feasible, a minimum of five to six years ahead of need.

Each of these, Nagel said, carries its own set of problems. For example, a plant-acquisition program might well find in the future that no sites are available with all of the traditional requirements. This leads to the need to consider creation of our own sites, with necessary cooling water impounded or pumped from a nearby source. In another example, future transmission siting, affected as it is by legislation and environmental concern, calls for the utmost flexibility in planning and right-of-way acquisition.

"We are living increasingly in an era of uncertainty," he said, "and planning must respond to new ground rules. This means planning to achieve greater lead times. While this inevitably will involve some risk, the alternative could well be an inadequate power supply. That is a risk we cannot and should not take."

John Tillinghast, senior executive vice president-engineering and construction, Service Corporation, discussed the company's response to environmental legislation.

First, he said, regulators must begin to consider available technology as well as economic impact.

With water and air quality and land use the primary environmental concerns, AEP plans to remain "at the leading edge of the technological frontiers," he said.

Water quality mainly involves thermal and liquid discharges. The System's natural-draft cooling towers, he said, "reject no heat." And studies show no reason to expect adverse effects from the direct cooling system being built for the Donald C. Cook Nuclear Plant.

He described many water studies AEP supports, including one exploring uses for waste heat from electric power generation in agriculture.



Tillinghast

In the air-quality area, he called sulfur-dioxide-emission limits the most difficult problem. To no avail, AEP has asked regulators to measure ground-level concentrations (kept under control by tall stacks) and not emission quantities.

Meanwhile, some low-sulfur western coal is being imported to

meet emission standards. And ambient-air quality is being monitored at 66 stations around major System power plants.

The best emission control, he said, will be removing sulfur from coal before it's burned. Therefore, AEP has committed \$1 million to the Office of Coal Research for a coal-liquefaction project.

"We have a good head start on land-quality protection," he said. Extra-high-voltage transmission and plans for compact substations are reducing land-use requirements. In mining, "no one can touch" the Muskingum Mine reclamation and conservation efforts.

Looking well ahead, he sees ultra-high-voltage transmission and the gas-cooled fast-breeder reactor as other aids to environmental protection.

"There is certainly a way for us to find a balance between environmental protection and socio-technological progress," he said, "and we will achieve this goal."



Martinka

The present "energy crisis" is not the result of a lack of energy resources, but of a failure to set a national energy resources policy, said **Paul D. Martinka**, vice president-fuel supply, Service Corporation.

As fuel users are obliged to substitute low-sulfur fuels — imported oil and domestic low-sulfur coal — for their needs, he said, "a major problem in coal supply may be anticipated within the next two years" when state air-quality regulations become effective.

The reasons: coal owners are reluctant to develop new mines because of the uncertainty of the market; tighter restrictions or outright abolition of surface mining; federal leasing policy for western coals; labor mobility and availability, and the final interpretation of the Federal Mine Safety and Health Act; availability of capital, and taxes.

Just the same, coal will continue as the principal fuel for electric generation for the next 20-25 years. "It is becoming more and more difficult to get low-sulfur coal from eastern producers," he said. "It appears that we will have to call upon new mines at our own reserves and upon western

coal fields."

One reason for using western coal is that eastern coals, with high-temperature ash-fusion characteristics can't burn in AEP plant cyclone furnaces, but western coals can. Substantial future requirements, then, will have to be supplied from western reserves, with their huge seams up to 200 feet thick.



White

Turning to personnel matters, **W. S. White**, senior executive vice president-operations, Service Corporation, called for a "new emphasis on people and organization."

Some changes have already occurred to meet new conditions — expansion of the fuel supply operation, establishment of a separate rates department and organization of various environmental functions. George Patterson, president of AEP, now heads a System-wide committee for study of other changes.

The primary objective, White said, is to keep the System responsive to changing situations. Another goal is to provide employees a chance to use their abilities and to gain personal reward.

In line with the latter goal, advanced supervisory programs and formal job-skill programs are reaching thousands of System employees. But White also emphasized the need to discover and develop potential managers with activities going beyond formal programs.

"Each manager," he said, "must assume a personal responsibility for developing subordinates through identification of individual needs, planned assignments and periodic appraisals."



Palmer

Speaking of the need for greater emphasis on communication, **Jack Palmer**, public affairs direc-

tor for Ohio Power, observed that our days as "the white-hat guys" have all but vanished. Now we face heavy government regulation, the energy crisis and environmental and consumer concern.

These issues demand communication in terms the public understands and expanded use of visual media, he said. He also explained the visual and other communication tools now used around the System.

The biggest communication effort, he said, should be directed to those who remain uncommitted. "This large and undecided group comprises the swing group — the people who will influence the issue to success or to failure." At the same time, he stressed the value of employees' contacts with those outside the company.

The legal and regulatory constraints under which the AEP System financed its construction program last year are still with us this year and will be with us for years to come, said **G. P. Maloney**, vice president-finance, Service Corporation. The projection made last year of \$120 million needed in new common equity per year for the next several years still holds, he noted.



Maloney

The market in which these funds must be raised is "difficult and uncertain," and one in which a week or two can mean millions of dollars in the net proceeds of an offering.

Nevertheless, the System's growth depends on the "heavy, inexorable demand for new funds — a demand of \$2.5 million of new cash every working day of the year."

How is the demand to be met?

"First, we must have the fixed-charge coverages necessary to permit the sale of our senior securities. Second, we must have steady growth in earnings to encourage investors to continue to purchase new issues of common stock at reasonable prices. Third, in order to attain both of these absolutely essential results in a period of increasing incremental costs . . . we must recognize the fact that further rate increases will have to be sought and approved on a fairly regular basis from now on."

Couples Exchange Wedding Vows In Summer Ceremonies



Curry



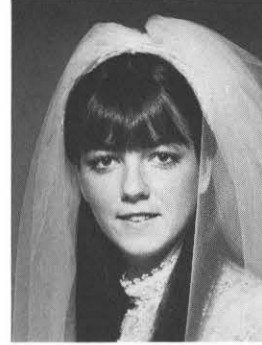
Joyce



Faust



Camper



Quickle



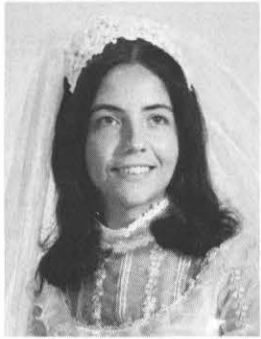
Stone



Leathers



Garrett



Altizer



Floyd



Lewis



Kendall



Farewell



Brooks



Rothgeb

Lawson-Rothgeb

Linda Earle Lawson was married to John Rolfe Rothgeb, Jr., July 28 in Virginia Heights Baptist Church, Roanoke, Virginia. Mrs. Rothgeb is the daughter of F. M. Lawson, regional chief dispatcher, Clinch River Plant.

Scott-Brooks

Susan Elaine Scott and James David Brooks were united in marriage July 21 in First United Methodist Church, Marion, Virginia. Mr. Brooks is the son of J. H. Brooks, lineman A in Marion, Abingdon Division.

Nance-Farewell

A double ring ceremony performed July 7 in First Methodist Church, Rich Creek, Virginia, united Joyce Nance and Douglas E. Farewell. Mr. Farewell is the son of Kenneth E. Farewell, maintenance man, Glen Lyn Plant.

Hagaman-Garrett

Enslow Park Presbyterian Church, Huntington, West Virginia, was the setting for the August 25th wedding of Margaret Ann Hagaman and Paul James Garrett. Mrs. Garrett is the daughter of H. P. Hagaman, engineering supervisor, Huntington.

Olinger-Smith

June 23 was the wedding day of Anita Olinger and Dennis R. Smith. Mr. Smith is a meter reader, Hazard.

Smith-Camper

The chapel of First Baptist Church, Roanoke, Virginia, was the setting for the August 10th wedding of Deborah Leah Smith and Kenneth Wayne Camper. Mrs. Camper is the daughter of T. C. Smith, dealer sales representative, Roanoke.

Perdue-Lewis

Renee Gail Perdue became the bride of Gary Wayne Lewis August 18 in Morning Star Baptist Church, Roanoke, Virginia. Mr. Lewis is a material clerk, Roanoke.

Newman-Joyce

The marriage of Karen Renae Newman and Roy LaMance Joyce was solemnized August 25 in First Baptist Church, Collinsville, Virginia. Mrs. Joyce is the daughter of J. R. Newman, lineman A at Fieldale, Roanoke Division.

Johnston-Curry

Carolyn Sue Johnston was married to Frederick A. Curry September 1 in Winifrede Presbyterian Church. Mr. Curry is the son of Paul Curry, station supervisor, Charleston.

Cox-Faust

The marriage of Catherine Cox and John Edward Faust, Jr., was solemnized September 8 in First United Methodist Church, Knoxville, Tennessee. Mr. Faust is the son of J. E. Faust, executive assistant, Kingsport.

Seldomridge-Quickle

Valerie Seldomridge was married to E. Dustin Quickle, Jr., August 10 in Highlawn Presbyterian Church, St. Albans, West Virginia. Mr. Quickle is the son of Mary Jo Quickle, customer accounts representative B at St. Albans, Charleston Division.

Jones-Kendall

Rita Ann Jones became the bride of Lewis Wayne Kendall August 25 in First Baptist Church of Bluefield. Mr. Kendall is an electrical engineer in General Office T&D Station Section, Bluefield.

Lee-Cahill

August 18 was the wedding day of Margie Vest Lee and Henry David Cahill, who were married at Oakland Baptist Church, Roanoke, Virginia. Mrs. Cahill is a home sales representative senior, Roanoke.

Wanda Norcross Two-Gallon Donor



Norcross

Wanda Norcross reached the two-gallon mark with her donation of blood recently in response to an appeal for donors to help an injured Roanoke City fireman.

An employee for eight years, Wanda is a stenographer in the Roanoke Division Commercial Department.



Mrs. David E. Bair, wife of the Beckley lineman C, won first-place honors for having the best cookies in the 1973 State Fair of West Virginia. She received a \$100 U. S. Savings Bond from Archway Cookie Com-

ENGAGEMENTS

REBECCA ANN INGRAM to Michael Joseph Sizemore. Miss Ingram is the daughter of B. J. Ingram, meterman A, Kingsport.

GINGER BAKER to Joe E. Boggs. Mr. Boggs is a meter reader at Clintwood, Abingdon Division.

CAROLYN BRANHAM to Robert Swindall. Mr. Swindall is the son of Jewel W. Swindall, customer representative A at Clintwood, Abingdon Division.

WANDA GAY WRIGHT to William Kennedy Waller, Jr. Miss Wright is the daughter of J. W. Wright, heating and builder sales coordinator, Roanoke.

CAROL SUE HAMMACK to Dennis Selbe. Mr. Selbe is a lineman A, Charleston.

SANDY MYERS to Bill Byus. Miss Myers is a home sales representative senior at St. Albans, Charleston Division.

pany of Battle Creek, Michigan, for her winning batch of chocolate marble squares. Mrs. Bair also received a white ribbon on her entry of a spice cake.

Moss-Floyd

Pamela Sue Moss and Harry Landis Floyd, II, were married August 4 in an outdoor ceremony at Afton Overlook, Blue Ridge Parkway. Mrs. Floyd is the daughter of W. E. Moss, line foreman NE, Lynchburg.

Erickson-Stone

The United Methodist Church, Pemberton, New Jersey, was the setting for the August 18th wedding of Donna Lynn Erickson and James Preston Stone. Mr. Stone is the son of B. T. Stone, General Office Distribution, Roanoke.

Fuller-Altizer

Wedding vows were exchanged September 1 in Fallon Park Wesleyan Church, Roanoke, Virginia, by Susan Beth Fuller and Norman Allan Altizer. Mrs. Altizer is a flexwriter operator clerk, General Office Purchasing, Roanoke.

Murphy-Leathers

Sylvia Martha Murphy and Aaron Vincent Leathers were united in marriage September 11 in First Baptist Church, Roanoke, Virginia. Mrs. Leathers is the daughter of Henry N. Murphy, General Office garage attendant, Roanoke.

BABY PARADE

Abingdon

MR. AND MRS. DAVID LAWLER, a daughter, Tammy LouRenda, July 21. Lawler is a lineman A. Clintwood.

Ashland

MR. AND MRS. MICHAEL LOGAN, a daughter, Michelle, July 28. Mrs. Logan (Judy) is a stenographer in General Office Accounting.

Beckley

MR. AND MRS. JAMES A. SMITH, a son, Jeffrey Aaron, August 9. Smith is a collector, Rainelle.

Big Sandy

MR. AND MRS. BILLY JOE JOBE, a son, Christopher Lee, August 31. Jobe is a control technician.

MR. AND MRS. RAY STEIN, a son, Jason Errecarte, August 30. Stein is a master maintenance man.

Area Supervisor Begins Retirement



Myers

With plans to catch up on fishing and hunting and make a few trips, Lilburn Hoge Myers elected early retirement October 1. He was an area supervisor A at Welch, Bluefield Division.

"Pete", a native of Maybeury, West Virginia, began his career in 1937 in the storeroom and service department. He worked as a clerk, serviceman A, power sales engineer, service foreman and line foreman before being promoted to area supervisor A in 1953.

"Pete" is a member of the First Baptist Church at Welch, Masonic Lodge and Beni Kedem Shrine, Charleston. He and his wife Beulah have one child and one grandchild. "Pete" constructed the home in which he now lives.

MR. AND MRS. OSCAR TRIPLETT, a daughter, Tammy Sue, June 3. Triplett is a maintenance man.

MR. AND MRS. CLINTON BALL, a son, William C., Jr., May 13. Ball is a coal equipment operator.

MR. AND MRS. WILLIAM E. ARNOLD, JR., a son, William Edward, III, May 15. Arnold is a performance engineer senior.

Bluefield

MR. AND MRS. C. STEPHEN BOOTHE, a daughter, Deborah Lynn, September 6. Boothe is an engineer B.

MR. AND MRS. STEVE SCHULTZ, a daughter, Lori Michell, September 8. Schultz is an electrical engineer in General Office Station, Bluefield.

Cabin Creek

MR. AND MRS. ZANE F. SELF, JR., a daughter, Rebecca Susan, September 4. Self is a junior maintenance man.

Charleston

MR. AND MRS. J. L. BRUER, a son, Kevin, August 27. Mrs. Bruer (Jackie) is a credit representative.

MR. AND MRS. CHARLES CAMPBELL, a daughter, Heather, August 14. Campbell is a laborer, Kanawha Valley Power.

MR. AND MRS. WILLIAM R. CURREY, twin daughters, Sarah Katherine and Elizabeth Allison, September 24. Currey is an administrative assistant.

Clinch River

MR. AND MRS. SAMMY S. GLOVIER, a daughter, Martha Jane, August 31. Glovier is a filter plant operator and sampler.

General Office

MR. AND MRS. B. K. DANIEL, a son, Tad Christopher, September 10. Daniel is a property records clerk senior, GO Accounting, Roanoke.

MR. AND MRS. DONALD L. JANNEY, a daughter, Melissa Diane, September 1. Janney is a custodian, GO General Services, Roanoke.

MR. AND MRS. ELI J. WOOTEN, a daughter, Susan Linnett, August 10. Wooten is a station maintenance man A, GO T&D Station Section, Charleston.

Kanawha River

MR. AND MRS. JAMES A. SCOTT, a daughter, Dawn Yvette, August 18. Scott is a utility man A.

Logan-Williamson

MR. AND MRS. LAWRENCE A. BIRD, a son, Ryan David, August 17. Bird is a lineman A, and Mrs. Bird (Emmajane) is a draftsman.

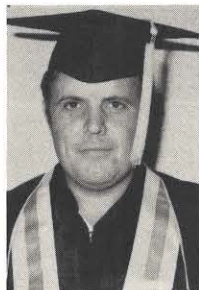
Marmet

MR. AND MRS. CHARLES T. BERRY, a daughter, Lorie Lynn, September 9. Berry is a master mechanic.



Melissa McGlothlin was a winner in the Girls' Doubles Division of the Smyth County Invitational Tennis Tournament. She is the 14-year-old daughter of Bill McGlothlin, Abingdon Division. Photo courtesy Smyth County News.

Smith Receives Associate Degree



Smith

J. W. Smith graduated summa cum laude from Virginia Western Community College with an AS degree in business administration. A T&D clerk senior in the General Office T&D Meter Section, Roanoke, James attended night classes to earn the required credits for graduation.

James will enter Virginia Polytechnic Institute and State University this fall to continue his studies fulltime. He is married and has one son.

Bowman Named Chief Dispatcher



Bowman

Donald D. Bowman, control operator at Cabin Creek Plant, has been promoted to chief plant dispatcher.

A native of Sod, West Virginia, Bowman was employed as a laborer in 1943. During his 30 years' service, he has worked as a utility operator A, boiler auxiliary operator B, boiler operator D, and assistant control operator.

He is married and has one son, two daughters and five grandchildren.

Mail Room Work Triples During Bertha Leffler's Career

The Roanoke headquarters mail room without Bertha is like eggs without bacon. Yet it has come to pass, and Bertha Baldwin Leffler has retired.

Bertha came to work in 1944 as a cashier in Roanoke and was promoted to head mailing section in 1949. During the ensuing 24 years, the three mail rooms in the headquarters building were combined into one and there are three employees under her supervision. "When I first started in the mail room, we would have about three big bags of mail on Monday morning and maybe one each morning the rest of the week. Now we have six big bags of mail coming in some days plus all that comes by pony messenger. We actually handle more than a lot of first class post offices."

She continued, "I have thoroughly enjoyed working. We have had some trying moments but people have been cooperative and, on the whole, it has been delightful. A number of people in other locations called me after hearing about my retirement and this really meant a great deal."

Not one to let grass grow under her feet, Bertha plans a trip to Florida in November and possibly trips to Acapulco and Spain next year.

A person who can't sit still without keeping her hands busy, Bertha enjoys making ceramics, handpainting china, knitting and crocheting. And in case she should run out of things to do, Bertha also collects and refinishes antiques.

She is a member of the Raleigh Court United Methodist Church, Business and Professional Women's Club and the Elks Club.



It took nearly two years for Bertha Leffler to crochet this spread because of the intricate daisy design. In the background are examples of her china painting.

Sampson Appointed To AF Academy



Sampson

James Scott Sampson, a 1973 AEP educational award winner, has received an appointment to the Air Force Academy, Colorado Springs, Colorado.

The son of William F. Sampson, Big Sandy Plant operations supervisor, Scott graduated from Boyd County High School, where he was a member of the Beta Club, track team, football team and student council. He is the recipient of a NEDT commendation and the Ashland B. P. O. Elks Lodge 350 leadership award.



Reddy Kilowatt spent a week with 48,000 Boy Scouts, leaders and staffers at the National Jamboree East held in Moraine State Park, Pennsylvania. A. G. Thornton, Jr., communications staff engineer in the General Office T&D Communications Section, Roanoke, and assistant scoutmaster for Troop 2, accompanied 28 Scouts in the troop to the jamboree. Reddy was used to highlight an electronic display set up by

Troop 2. Using photocells and relays from scrapped dusk to dawn light controls, the troop demonstrated the construction of a night light control as part of the Electronics Merit Badge. Every time one of the night light controls was demonstrated, a red bulb in Reddy's nose blinked off and on. In this photo, Thornton and his son are working on the Reddy display.

Veteran Employees Receive Service Pin Awards



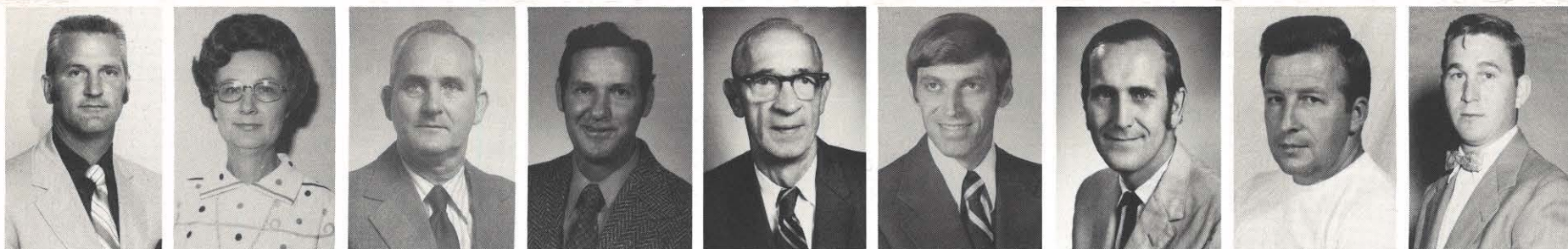
Leaman Henry Griggs Mannon Frazier Hefner Harlowe Grizzel Prater Barlow



Moore Lethcoe Duncan Blake Mitchell Fisher Maynard Orr Johnson Earles



Dennis Workman Kern Smith Presley Persinger Hatfield Bonds Crum Whitaker



Hawks Newman Robinson Sutphin Ernest Lovegrove Colegrove Allen Chase



A project constructed while attending Mercer County Technical and Vocational Schools proved to be a winner for Lucius B. Oliver, Bluefield tracer. Lucius received a first place blue ribbon, certificate of craftsmanship and cash award at the West Virginia State Fair for his scale mock-up of a modern chalet A-frame house. The model can be disassembled by lifting off the roof and then the top floor, disclosing the layout of each floor. He spent some 300 hours and \$20 in building the model, along with making floor plans and specifications for heating, cooling and lighting. W. J. Fuda, Jr., a former Appalachian Power draftsman, was his instructor at the vocational school.

35 Years	Occupation	Location
Leaman, F. W.	Civil Engineer	Kingsport
Henry, D. W.	Asst. Stores Supervisor	Roanoke
Griggs, M. C.	R/e & R/w Acctg. Coord.	GO-Roanoke
Mannon, F. H.	Asst. Shift Op. Engr.	Kanawha River
Adkins, Dora	Meter Clerk Senior	GO-Ashland
30 Years		
Frazier, J. C.	Personnel Supervisor	Charleston
Hefner, C. R.	T&D Clerk Senior	Abingdon
25 Years		
Harlowe, Audrey	Secretarial-Stenographer	Roanoke
Grizzel, W. H.	Line Foreman NE	Abingdon
Prater, J. E.	Htg. & Bldr. Sales Rep.	Abingdon
Barlow, A. H.	Sta. Maintenance Man A	GO-Roanoke
Moore, J. L. Q.	Meter Reader	Abingdon
Lethcoe, E. P.	Electrical Engineer Sr.	Abingdon
Duncan, L. W.	T&D Clerk Senior	Abingdon
Blake, D. L.	Meter Serviceman A	Charleston
Mitchell, W. L.	Lineman A	Bluefield
Fisher, K. W.	Electrical Staff Engineer	Charleston
Maynard, C. J.	Customer Accts. Rep. A	Logan-Williamson
Orr, J. S.	Lineman A	Abingdon
Johnson, J. W.	T&D Clerk Senior	Kingsport
Earles, J. L.	Area Serviceman	Pulaski
Dennis, R. E.	Line Foreman	Roanoke
Workman, Amos	Maintenance Foreman	Kanawha River
Kern, J. L.	Instrument Maint. Man A	Kanawha River
Smith, C. G.	Line Inspector	Bluefield
Presley, E. H.	Lineman A	Kingsport
Persinger, R. D.	Area T&D Clerk	Huntington
Hatfield, H. D.	Stores & Garage Supv.	Logan-Williamson
Bonds, A. W.	Truck Driver-Groundman	Beckley
Crum, Leonard	Auto Mechanic A	Logan-Williamson
Miller, R. M.	Heating Sales Rep.	Hazard

25 Years	Occupation	Location
Whitaker, Neldon	Lineman A	Hazard
Bartley, Jerry	Appliance Service Foreman	Pikeville
20 Years		
Hawks, Jack	Line Foreman NE	Bluefield
Newman, Adelene	Adm. Clerk-Commercial	Pulaski
Robinson, J. W.	Collector	Logan-Williamson
Sutphin, J. P.	Station Maint. Man A	GO-Bluefield
Ernest, L. E.	T&D Clerk	Huntington
Lovegrove, C. R.	Public Information Supv.	GO-Roanoke
Colegrove, E. M.	Meter Reader	Huntington
Allen, J. K.	Plant Janitor	Kanawha River
Chase, B. L.	Line Foreman	Charleston
Hansford, J. M.	Instrument Maint. Man A	Cabin Creek
15 Years		
Stover, C. D.	Line Inspector	Bluefield
Pullen, J. W.	Maintenance Supervisor	Big Sandy
10 Years		
Hagy, J. F.	Meter Reader	Abingdon
Mullins, E. L.	Line Foreman NE	Abingdon
Coleman, C. L.	Lineman A	Bluefield
Smith, J. W.	Area Serviceman	Charleston
Lavinder, C. D.	Electrical Engineer	GO-Roanoke
Meeks, L. W., Jr.	Lineman A	Lynchburg
Morris, J. P.	Head Meter Reader	Roanoke
Bellamy, B. J.	Master Maintenance Man	Big Sandy
Stein, Ray	Master Maintenance Man	Big Sandy
Henigin, Betty	Stenographer	Big Sandy
5 Years		
Miles, G. J.	Electrical Engineer	Beckley

Artificial Reefs May Help Fishing

Smith Mountain Lake, already a popular fishing spot in Virginia, may become even more so if Eric Prince and Paul Brouha have their way.

Under the sponsorship of the Virginia Commission of Game and Inland Fisheries, the two graduate students from Virginia Polytechnic Institute spent the summer building artificial reefs in the lake. The Smith Mountain project is the first major artificial reef to be built in fresh water. Reefs afford countless hiding places for little fish, where they can eat and grow larger.

The reefs, built from 15-30 feet deep in the water to avoid creating navigational hazards, are made up of old tires and Christmas trees. Each tree was imbedded in a gallon can of concrete, then 100 of them dropped into the lake. The buoyancy of the tree makes it stand erect, the concrete keeps it in one place, and, hopefully, the fish will move in.

Some 100 bundles of nine tires each were used for the other reefs. Gallon cans of concrete were placed in the tires to prevent floating. Prince and Brouha, expert divers, went down to make sure the tires were placed properly.

The reefs are to be marked "no fishing" for a few months, then controlled fishing will be allowed to scientifically evaluate the effectiveness of the man-made reefs. As Prince noted, "They worked fine in salt water. Why should fresh water fish be any different?"



Heidi Gravely was one of 68 Girl Scouts from the United States and Europe selected to hike 40 miles across the Continental Divide in Colorado. She is the 16-year-old daughter of Dillard Gravely, engineer B at Fieldale in the Roanoke Division. Upon becoming a first class Scout in Troop #136, Collinsville, last year, Heidi applied for the HI-A-WAK-A hike program. During the six-day trip, the Scouts encountered rain, snow and winds up to 150 miles an hour. They had spent five days conditioning themselves for the hike and carried everything needed for their survival in 32-lb. back packs.



Jim Boulton, Pulaski commercial sales representative, won the annual Pulaski Division golf tournament with a low gross of 82. Twenty golfers took part in the tournament, which was held at Gay Hills Country Club near Galax.

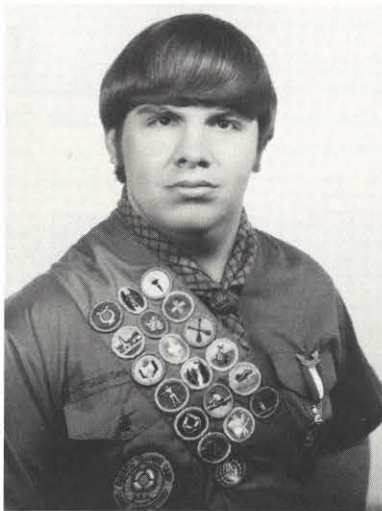
Employees' Sons Go To Antarctica

Sons of two Appalachian Power employees are among those who will participate this fall in the first and only research program in Antarctica to use both undergraduate students and women, when it begins its second year operation later this month. They are Jeffrey T. Whitehurst, VPI biology graduate student, son of Roanoke Administrative Assistant Jerry Whitehurst, and Vince Howard, biology senior, son of General Office Draftsman Roy Howard.

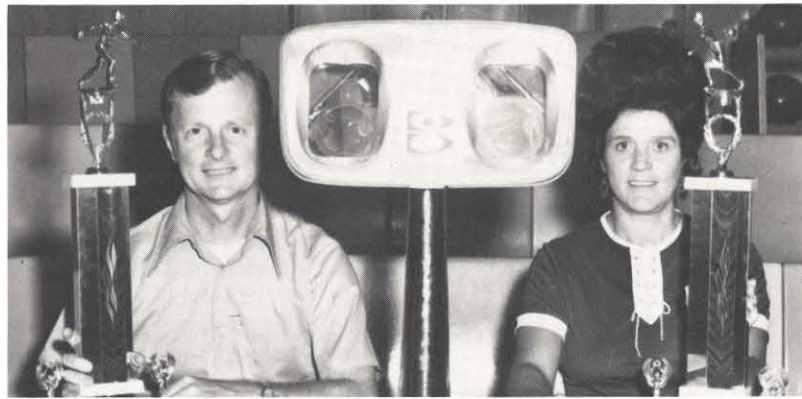
Virginia Polytechnic Institute and State University is conducting the largest terrestrial research biology program in the Antarctic. The five-year proposed study, "Modeling of Freshwater and Terrestrial Antarctic Ecosystems", has received a grant of \$95,000 from the National Science Foundation to support the second year's activities.

Goal of the project is a mathematical model for Lake Bonney in South Victoria Land that will explain the metabolism of aquatic organisms in all depths of the lake. Such a model may be expanded to predict what is happening in other Antarctic lakes and possibly lakes in other parts of the world. The data will assess the future impact of human activity in the area.

Part of the eight weeks in Antarctica will be spent at McMurdo Station, the major U. S. base of the Navy's "Operation Deep Freeze", which provides logistic support for NSF research activities. The rest of the time will be spent, in teams of six, at a permanent hut on Lake Bonney, 60 miles from McMurdo. A helicopter will make a trip once or twice a week from McMurdo to Lake Bonney.



Terry Glen Elliott, son of Big Sandy Maintenance Foreman Robert Elliott, has attained the rank of Eagle Scout in Troop 112. He is a member of the Order of the Arrow and president of Explorer Post 180. A senior at Paul G. Blazer High School in Ashland, he was junior class vice president, president of the Paul G. Blazer Young Historian Association, and a member of the German Club, RO Club and Student Council. This summer Terry visited several European countries in a six-week program of academic studies sponsored by the American Institute for Foreign Study.



Clyde and Peggy Welch's mixed doubles bowling team, Deadwood, emerged first place winners in the summer Tuesday Mixed Doubles League, Bluefield. Fourteen teams of four bowlers each made up the

league. During the 11-week season, the Deadwood team won 78 points and lost 10. Clyde, Bluefield head T&D clerk, carried a 164 average and Peggy a 166 average.

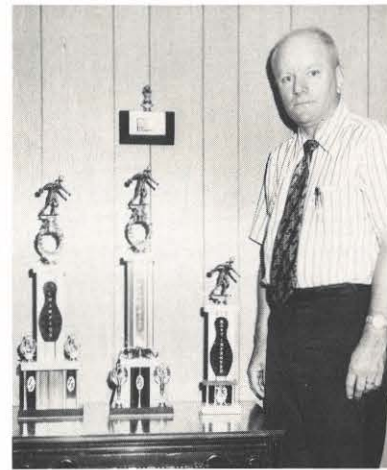
Talk About Fisherman's Luck

J. R. Trail, Clinch River Plant maintenance foreman, caught a 17-inch smallmouth bass the easy way recently.

While on a boat trip between Clinch River Plant and Carterton, Jim and his two companions noticed a large bass break water near some reeds on the bank. The fish turned, headed upstream toward the boat and jumped in. One of the men pinned the fish down with a life preserver.



Dennis Wayne Mullins, Kingsport lineman C, caught this 21 lb. 12 oz. Rockfish in the headwaters of Cherokee Lake in Tennessee. The fish, which measured 35 3/4 inches, took 20 minutes to land.



W. F. Epling, Beckley customer accounts representative A, captured three awards in the G. C. Murphy Mixed Bowling League. He received trophies for high average, most improved bowler and for being a member of the championship team. Ep's wife Blondene, a G. C. Murphy employee, also bowls in the league.



Bowling for APCo #2 in the Kegler League, Pulaski Draftsman Pete Childress captured the season's high three game set trophy with 628 pins.

Employees, Sons Win Bowling Honors

Two Appalachian Power employees and their sons were on teams which won two of the three divisions in the Generation Gap, a summer bowling league in Roanoke.

W. M. Mills, Roanoke Division Meter, and his son Dennis were members of a team winning one division of the league. C. R. Lovegrove, public information supervisor in GO Public Affairs, and his two sons, Ricky and David, were members of a team winning another division. A total of 24 teams competed in this year's league. Each team had four members — two adults and two junior bowlers.

David Lovegrove also won a plaque as most improved bowler, raising his average nine pins to 173.



Herman St. Clair, Bluefield electrical engineer, was the first flight winner in the Dogwood Tournament at Richmond Golf Club. St. Clair, with a handicap of six, plays on the Appalachian golf team in the Industrial League.

5 Years	Occupation	Location
Viney, R. G.	Lineman A	Bluefield
Walker, John, Jr.	Meter Reader	Bluefield
Sigmon, J. K.	Lineman A	Bluefield
Bird, G. L.	Meter Reader	Charleston
Snuffer, D. R.	Customer Accts. Rep. A	Charleston
Priddy, O. R., Jr.	Stationman B	Charleston
Burkett, Lena	Clerk Stenographer	Charleston
Kelly, J. S.	Electrical Engineer	Charleston
Richards, E. L.	Engineer B	Charleston
Mullins, R. D.	Maintenance Man	Clinch River
Bradley, E. C.	Area Development Consultant	GO-Pulaski
Chitwood, J. J.	Master Maintenance Man	GO-Roanoke
Cooper, E. L.	Draftsman	GO-Roanoke
Hartman, Shelia	Stenographer	GO-Roanoke
Johnson, R. L.	T&D Representative	GO-Roanoke
Poindexter, G. H.	Property Maint. Man Helper	GO
Walls, R. S.	Transmission Man B	GO-Charleston
Pugh, W. T.	Heating Sales Engineer	Huntington
Holloway, C. W.	Lineman B	Lynchburg
DeShong, R. E.	Engineer B	Lynchburg
Oliver, T. W.	Engineer B	Lynchburg
Penn, G. E.	Material Clerk	Pulaski
Fisher, W. D.	Meter Serviceman C	Roanoke
Poff, Jane R.	Stenographer	Roanoke
Valley, W. F.	Electrical Engineer	Roanoke
Johnson, D. L.	Material Clerk	Roanoke
Sammons, J. D.	Elec. Plt. & Stores Acct.	GO-Ashland
Bartram, G. D., Jr.	Master Maintenance Man	Big Sandy
Beck, K. V.	Unit Operator	Big Sandy
Ferguson, W. R.	Unit Operator Asst.	Big Sandy
Garner, Robert	Coal Equipment Operator	Big Sandy
Greene, H. D.	Master Maintenance Man	Big Sandy
Ison, L. D.	Unit Operator	Big Sandy
Jobe, B. J.	Control Technician	Big Sandy
Lycan, E. B.	Unit Operator	Big Sandy
Moore, C. D.	Master Maintenance Man	Big Sandy
Preece, W. S.	Maintenance Man	Big Sandy
Spears, Edward	Unit Operator	Big Sandy
Webb, R. E.	Master Maintenance Man	Big Sandy

Yearout Spends 27 Years Improving Company Safety Record



Yearout

With a twinkle in his eyes and an amusing anecdote applicable to the situation, Charlie Yearout has infected his fellow employees with a high level of interest and support in the serious business of accident prevention. Charlie retired October 1 as safety coordinator in General Office Personnel, Bluefield, after nearly 27 years' service.

He attended Concord College, Cornell and West Virginia University and holds AB and MS degrees. A native of Williamson, West Virginia, Charlie was employed in 1946 as system safety supervisor. Throughout his career he worked as an administrative assistant B, assistant

Payne Heads New Stores Group



Payne

A Stores Group to handle materials and supplies pertaining to General Office T&D Department activities was established October 1. Elmo M. Payne, head material clerk-station in Roanoke Division Stores, was promoted to stores supervisor A in the GO T&D Administrative Section. He will be responsible for supervising the stores function in the GO T&D Department and will report directly to E. C. Rankin, T&D manager.

A native of Roanoke, Virginia, Payne was employed in 1947 as a material clerk junior. He rose through the ranks as material clerk, stores record clerk and head material clerk before being promoted to head material clerk-station in 1966.

He is married and has four children.

division personnel supervisor and, division personnel supervisor. When he first came to work, Charlie says, "The company did not have safety programs and injuries were very frequent. The objective was to get the job done. Today, through training, planning and good supervision, we know we can do the job without accidents."

It has been told of Charlie that whenever he hears water trickling, he reaches for his fishing rod. Trout fishing and hunting are high on his list of retirement activities. He will also continue working with Boy Scouts and conservation organizations and plans a photography trip to Kenya, Africa. Any time left over will be devoted to growing rhododendrum and Christmas trees.

Charlie is a member of the Presbyterian Church, University Club, Angler's Club, American Botanical Society, Chamber of Commerce, and conservation steering committee. He and his wife Josephine have two children and two granddaughters.

Replica of Abingdon's First Generator Brings Memories Of Good Ole Days

A working model of Abingdon's first steam electric generator was demonstrated during the Virginia Highlands Festival held in the town recently.

James Vance, a local businessman, assembled the working model with information supplied by Abingdon Retirees A. C. Hutton and "Happy" Pierce. After painstakingly researching and locating parts, some of which he fabricated himself, Vance fired up the boiler next to Appalachian's office building. It went chuffa-chuffa-chuffa, spit steam into the air and kept three small light bulbs burning — reminiscent of the days when nobody dreamed

Pomykata



Pomykata Named Sales Manager

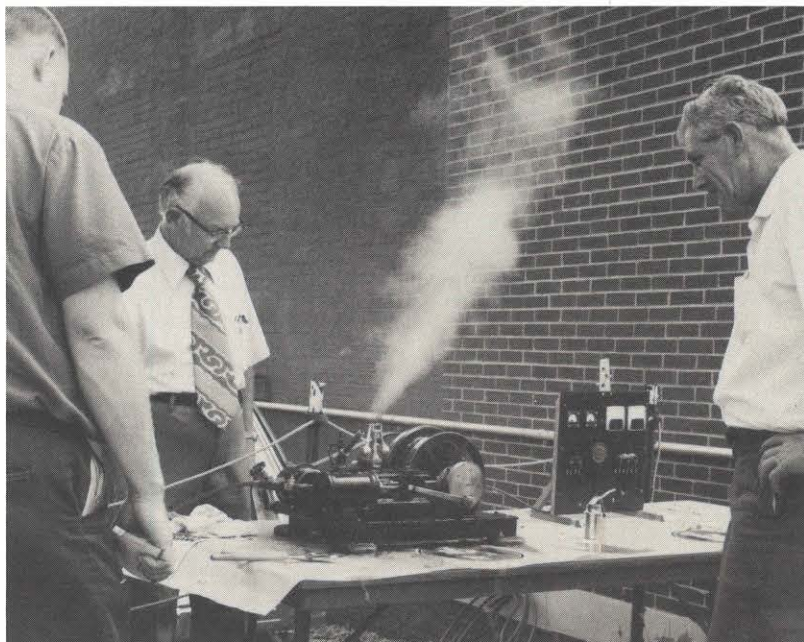
Lloyd Pomykata was promoted to sales manager of the Charleston Division, effective October 1. He succeeds F. O. Helm, who was named assistant manager of the Huntington Division.

A native of Oswald, West Virginia, Pomykata holds a BSEE degree from West Virginia University. He was employed by Appalachian Power in 1953 as a distribution engineer in Beckley. He worked there as an area supervisor A, station supervisor and line and station supervisor before transferring to Charleston in 1964 as an area supervisor. He was promoted to power sales engineer in 1970.

An Army veteran of World War II, Pomykata is married and has one son.

of using electricity in the daytime.

According to Vance's records and those located in the Abingdon office, the Abingdon Water & Light Company built a power plant in the western part of town at the present location of the Abingdon storeroom. The plant consisted of two generators of around 100 to 150 kilowatts. There were not many customers, since the company's income was only about \$800 a month and the cost of current was ten cents per kilowatt-hour. The current was shut off at midnight; and, since there were no electrical appliances, there was no use for electricity during the day.



R. P. Miller; Fillmore McPherson, Abingdon Division manager; and Calvin Matney view James Vance's working model of Abingdon's first

steam electric generating unit. Miller is a former employee of the old Holston River Power Company.

"You Have To Be Dedicated"

"You have to be dedicated to this work," emphasizes Bill Hensley, "because many a time you put your own life in the same danger as that of the victim you are trying to rescue or help."



Taking an emergency call, Bill Hensley writes the name of the victim on the board for those members who are not at station when the call comes in.

As a member of the emergency rescue crew in the community of Big Island, Virginia, Lynchburg Meter Reader W. L. Hensley is on call all hours of the day and night. "We have a unique system of calling crew members when needed. There is a 12 o'clock whistle at the paper mill plant in Big Island; and, when the emergency crew is needed between the hours of 7 AM to 10 PM, the whistle is blown and all crew members who are in the community at the time respond to the call. If the crew is needed between 10 PM and 7 AM, the members are summoned by radio receiver sets in their homes. Sometimes I come home from a call at night and, just as I get in bed, I get a call to go out on another emergency."

Bill has a very mountainous and rough territory to cover. The boundaries extend to the Peaks of Otter in Bedford County, back along the Blue Ridge Parkway to Big Island and across the James River into Amherst County.

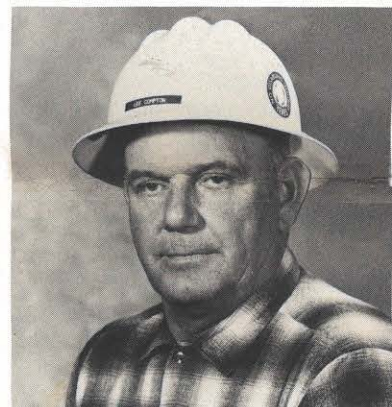
His rescue work involves all types of situations — vehicular accidents, drownings, heart attacks, children who have taken poison, etc. Bill says, "When a call comes in, the caller is usually excited and panicky, and we are unable to get the facts on just what has happened. When we get to the scene, we don't know what to expect."

Bill's training for rescue work started with an advanced, detailed First Aid course. He had to learn how to use the various pieces of equipment needed to revive or maintain life. These include, among others, resuscitators, oxygen tanks and tents, and suction equipment. Just recently he attended a three-day Emergency Medical Technicians' Seminar at Georgetown University sponsored by the American Academy of Orthopaedic Surgeons. Bill represented the Big Island crew at the specialized training course and was awarded

a certificate for satisfactory completion. Few people pass this national course, which is extremely tough.

Bill's enthusiasm has rubbed off on his wife Margaret — she's a member of the Big Island Emergency Crew Auxiliary.

Compton Elects Early Retirement



Compton

Lee Compton, groundman at Williamson in the Logan-Williamson Division, elected early retirement September 1.

A native of Pikeville, Kentucky, Lee joined Kentucky Power in 1949 as a laborer at Pikeville. He transferred to the then Williamson District of Appalachian Power as a groundman in 1955.

Lee and his wife Iva will continue to reside in Pikeville during retirement. They are the parents of three sons.

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