



MAYOR JAMES GENT RECEIVES THE JACKSBORO city charter from County Court Clerk Ted Miller, left. Other members of the board of aldermen are Harry Burden, Tom Clotfelter, another Y-12er; Kent Powers and Billy Coffey. The historic East Tennessee town voted to incorporate in April and elected the city officials at that time.

Y-12 Gains Another Mayor As Historic Jacksboro Incorporates

When the City of Jacksboro incorporated recently and swore in its officials, Y-12 gained itself another mayor.

The residents of the historic old town voted April 6 and the officials were named at that time. Also added to the Y-12 honor roll was one of the aldermen . . . Tom R. Clotfelter.

James Gent was named mayor of the new city. Gent is in Y-12's General Expediting and Auxiliary Services; and Alderman Clotfelter is in Area Five Maintenance.

Mayor Gent took the oath of office from Ted Miller, county court clerk, Campbell County. He then administered the oath to his aldermen.

Gent said that he would do all he could to improve Jacksboro. He said that it was the job of the new officials to do all they could to improve the town and they could not do it themselves but needed the help of all citizens.

He stated that Jacksboro had been "sitting here 100 years or more," and asked that the people "give us a little time" to get some things done. He said that perhaps 10 or 20 years from now people might be able to see changes.

Gent added that he was proud the people of his community had confidence enough in him to elect him their mayor and that with the support of the people, "we can put Jacksboro on the map."

"I think we have a good thing going," Gent said when he accepted the town charter.

Judge Jack R. Alexander, County Judge in Campbell

County, congratulated the new officials and said that the county would help the new government in any way that it could.

Jacksboro, the county seat of Campbell County, lies about half way between the county's larger cities . . . LaFollette and Jellico.

It is the former home of J. Will Taylor, one of Tennessee's most colorful characters, who served in the U. S. House of Representatives some 40 years before his death. His successor in congress John Jennings also came from Jacksboro.

Secretaries Host State Meet Here

Some 100 secretaries will assemble in Oak Ridge Friday, May 24, for the annual meeting of the Tennessee Division of the National Secretaries Association. Headquarters for the two-day meeting will be at the Holiday Inn.

There are over 400 members in the 11 Tennessee chapters which are located in Chattanooga, Cleveland, Columbia, Gallatin, Greeneville, Knoxville, Memphis, Murfreesboro, Nashville, Oak Ridge and the Tri-Cities area. The annual division meeting, hosted by various chapters on a rotating basis, is being held in Oak Ridge for the first time since 1960.

The program of business and social activities has been planned by the Oak Ridge Chapter around the three "New Dimensions for Tomorrow's Secretary." John Shacter, director, AECOP, Union Carbide, is the keynote speaker; and Dr. C. E. Larson, president of the Nuclear Division, will deliver the closing address at the Saturday night banquet.

A highlight of the meeting will be the "SOTY Luncheon," when a Tennessee Division Secretary of the Year will be chosen from competing secretaries from four of the Tennessee chapters. NSA Public Relations Director, Fran Riley, MacColl-Riley Associates in New York, will be the luncheon speaker.

Ann Y. Boring, secretary to R. G. Jordan, ORGDP; and Rebecca Rickman, secretary to F. C. Maienschein, ORNL, are in charge of the meeting.

CREDIT IS GOOD

Sign at a recruiting station: "We honor all draft cards."

Maryland's Banerjee Is Physics Seminar Guest

M. K. Banerjee, University of Maryland, will conduct this week's Physics Division seminar. His subject will be "Rotations and Hartree-Fock Theory."

The seminar is set for tomorrow, Thursday, May 23, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.

Both Employment And Payroll Up For AEC Employees In Oak Ridge Area

Employment and payrolls were both up in Atomic Energy Commission programs here last year.

S. R. Sapirie, manager of the AEC's Oak Ridge Operations, announced that the average annual employment in Oak Ridge plants and laboratories totaled 13,872 in 1967 — up some 370 persons from the 1966 total — and that the 1967 payroll of \$127,218,244 exceeds the previous year's total by more than \$7,500,000.

"Increases in both employment and payroll underscore the growth and viability of the nuclear energy programs in Oak Ridge today," Sapirie said. "These increases are also important," he stressed, "because of the positive influence they exert on the economy of a broad segment of Tennessee."

A breakdown of the figures for 1967 shows that more than half (57.2 per cent) of the employees traveled to their jobs from cities and towns within a broad radius around Oak Ridge. Records show that some 170 persons, representing the vanguard of some 8,000 Oak Ridge commuters, traveled more than 50 miles, one way, to work daily. The total off-area payroll was approximately \$67,600,000.

As has been the case in past years, Knoxvilleans represent a sizeable fraction of the Oak Ridge atomic energy work force. During 1967, more than 2,800 Knoxville

residents commuted to Oak Ridge and took home pay-checks totaling \$25,500,000, which represents roughly 20 per cent of both total employment and payroll.

Oak Ridge residents who work in AEC programs totaled about 5,900. Oak Ridgers represent about 43 per cent of the total employment and their payroll last year exceeded \$59,000,000, which was almost 47 per cent of the payroll.

Employment in Oak Ridge atomic energy programs is divided among the Atomic Energy Commission and its principal operating contractors — Union Carbide Corporation, Oak Ridge Associated Universities, and the University of Tennessee. The 1967 figures do not include employment and payrolls associated with construction activities in Oak Ridge.

Following is a breakdown by cities of the 1967 employment and payroll figures related to Atomic Energy Commission activities in Oak Ridge:

The balance of employees and payroll represents other communities or rural areas in the Oak Ridge region.

A SONG OF SIXPENCE

Doctor to aging actor: "You will have to give up wine and women . . . but you can sing as much as you wish."

Place Of Residence	Number Of Employees	Total Payroll
Oak Ridge	5,934	\$59,584,627
Knoxville	2,835	25,526,397
Clinton	903	7,451,872
Kingston	732	6,595,704
Lenoir City	577	4,612,614
Harriman	387	2,917,173
Oliver Springs	354	2,654,314

6-13887



The U. S. Government has filed a patent application on Richard R. Baldwin's development, entitled "Spherical Interferometer." Baldwin, center, receives his congratulatory letter from H. E. Alvey, superintendent of Dimensional Inspection. N. K. Bernander, Product Certification Superintendent, looks on from the left.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 58 Days Or 1,685,000 Man-Hours (Unofficial Estimate) Through May 19 Without a Disabling Injury Safety At Home At Work, At Play

The Bulletin

Published Weekly For The
Y-12 Employees Of
**UNION CARBIDE
CORPORATION**



NUCLEAR DIVISION

JAMES A. YOUNG *Editor*

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American Association Industrial Editors

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Ride wanted from Norwood area, Knoxville to East Portal, straight day. Joan Clouse, plant 3-5968, home phone Knoxville 689-4874.

Ride wanted by three from Corner of Hackworth Road and Emory Road, Karns, to Central Portal, straight day. B. L. Fritts, plant phone 3-7009, home phone Knoxville 588-6175.

Ride wanted from Packer Road, Oak Ridge, to West Portal, straight day. Lawrence Baker, plant phone 3-5812, home phone Oak Ridge 483-1568.

Ride wanted or will join car pool from Highland View School area, Oak Ridge, to North Portal, straight day. R. P. George, plant phone 3-5438, home phone Oak Ridge 483-5050.

Ride wanted from 126 Tacoma Road, Oak Ridge, to Central or West Portal, straight day. Betty Hill, plant phone 3-5336, home phone Oak Ridge 483-0572.

SEE THE USA!

A tourist is a fellow that will drive a thousand miles just to get his picture made beside his automobile!

Central Hi Honors To Y-12 Daughter



Peggy Underwood

Peggy Underwood, daughter of Mr. and Mrs. W. E. Underwood, Route 2, Lansing, has been awarded the Business Award and the Miss Central Award at Central High School, Wartburg.

The Business Award is given to the best senior in training in commercial subjects which qualify them for clerical and office employment.

The Miss Central Award is given to the senior girl in the top 25 of the class who has the majority of the student body's votes.

Peggy is president of the student council, a member of the Glee Club, secretary of FHA, a member of the Beta Club, a member of the Business Club, and was a delegate to Girls' State. She ranks sixth in her graduating class.

Peggy's proud father is in Y-12's Alpha Five Processing.

EXPENSIVE TASTES

Add to those things we-get-in-the-mail-which-are-quickly-tossed-away: A color catalogue advertising snapshots of the moon and earth from outer space . . . Cost? \$50 per photo . . . \$150 in color.

Softball Teams Try Despite Rain

The Softball League, with big plans last week, squeezed in only three games between the monsoons.

The first big team up for Y-12 was the Cardinals, squaring off with the K-25 Gashouse Gang. They demolished the Gang 25 to 7 . . . with almost every squad member earning a four-bagger.

Jim Batch, Loyd Wyatt, Charles Holland, Earl Wall and Benny Trent all poled long ones, and Wayne Langenburg cleared the fences for the losing squad.

The Cardinals collected 12 of their runs in the very first inning, and sailed through the rest of the game unscratched.

Game two pitted two Y-12 teams as the Big Shops battered the Bat Boys 12 to 6. Jim Turner and Glenn Bryson knocked long ones for the winners.

The big Braves defeated the Pirates in game three 7 to 3. Jim Carden and Larry McDonald were the big heroes with a homer each.

Initial standings follow:

Team	W	L
Cardinals, Y-12	1	0
Big Shops, Y-12	1	0
Braves, Y-12	1	0
K-25 Gashouse Gang	0	1
Bat Boys, Y-12	0	1
Pirates, Y-12	0	1
J-Birds, K-25	0	0
Beta Two, Y-12	0	0
White Sox, Y-12	0	0
K-25 Colts	0	0
UCC All Stars, Y-12	0	0
Eagles, Y-12	0	0

Horseshoe Pitchers Are Again Paged

The Recreation Department again pages Y-12ers who wish to participate in a Horseshoe League this summer. The league will throw at least one night a week on the City courts in Oak Ridge.

Twosomes are needed in the ORNL-Y-12 league. Just call Recreation, extension 3-7109.

MAKE-UP TOURNAMENT

To atone for the rained-out Golf Tournament, set April 27, another one has been scheduled for Y-12ers. This one is set for Saturday, September 7, at Wallace Hills.



STATE SENATOR TOM GARLAND, minority leader in the State Senate of Tennessee, spoke recently to the Kiwanis Club of Oak Ridge. Senator Garland presented a review of the 1968 general assembly and some of the proposed future legislation which the Tennessee Legislature will consider. He is the son of Jack Garland, Stores Department. Young Garland lives in Greenville. He was introduced at the May 14 Kiwanis meeting by Dr. Joe Tittle, vice president of the local club, at left.

Rogers' 79 Low At Gatlinburg

E. N. Rogers capped Y-12's first golf tournament of the year, sweeping aside all contenders at the Gatlinburg course. Rogers fired a 79 to take the low scratch score of the day. Carl Dorr fired an 82 . . . D. E. Littleton 84 and Jim Pugh posted an 86.

In handicap shooting in the first division it was Bill Grubb, 75; Bill Mee, 78; E. L. Hendrix, 79; and Paul Braden 83.

Cotton Thomas carded eight pars, Tudor Boyd and Jim George each scored six.

SECOND DIVISION

F. K. Clabough captured honors in the second flight . . . scoring an 84 scratch. Jack Gamble posted an 85; Herman Stewart, 88; and Roy Worley, 91. In handicap scoring it was Jim Batch, 75; Benny Crass, 76; Alan True, 77 and Ray Riggs, 80.

Dearl Lincoln and Dan Culbertson each took six pars.

THIRD DIVISION

G. A. Tedder, scoring a 91, became the third flight champion, as Harold Alvey and C. J. Williams each took a 93 score. Virgil Lovett and Jack Gresham each came in with 94.

In handicap firing it was newcomer Kenny Cook, with 78; Dale Phillips and J. L. Smiddy (also both newcomers) and Ed Fleischman all with 79 each.

Bill Butturini bested the course in pars with seven. J. P. Smith put six on his scorecard.

FOURTH DIVISION

Gordon Hill, another newcomer to Y-12 greens, took the fourth flight with a 98. Scratch honors also went to Ray Ellis, 101; Earl Smith, 102 and Bill Forrester and Joe Pryor, each with 104.

Handicap lows went to Fred Wetzel, 78; R. P. Rose, 81; G. R. Bentley, 83; and R. J. East, 84.

W. L. White and Fred Marshall each posted two pars.

A total of 91 Y-12ers participated in the event, as rains threatened the big Smoky Mountain tournament.

The next full-plant competition is set Saturday, June 22, at Wallace Hills, Maryville.

Tennis, Anyone?

Tennis, anyone . . . a cartoon caption has almost become a national byword. Now it's the word

'Laugh-In' Skits Featured At Dance

The big Spring dance for Y-12ers came off as scheduled, Friday, May 10. Some of the frantic antics going on next door are extracurricula activities that saw Impressario Bill Butturini put his talented cohorts through their paces. First off, George Buxton and Tiny Tim Tilley emceed the 'Laugh-In' with Donna Ferguson, Linda Stair (if she had married Jack Case's son her name would be Linda Stair Case!), Elaine Boncutter and Liz Tilley.

The entire 'during-intermission' features were written, produced and directed by Butturini. Buxton and Tilley were perfect foils as Rowan and Martin.

Alan Atkins and his orchestra paid a return visit to Y-12 for the annual event.

The scene was the Oak Terrace Ballroom, and the Decorations committee outdid themselves again. The Bill Fleischmans, Frank Brooms, Jo Ann Isham, and Jo Bratton made magic out of the old ballroom.

Recreation



Monday, May 27

SOFTBALL: Beginning 6:15 p.m. Pinewood Park. Beta Two vs. Pirates; Cardinals vs. Big Shops; Eagles vs. White Sox.

PHYSICAL FITNESS: (For Women) 7:30 p.m. Oak Ridge High School Gym.

Tuesday, May 28

SOFTBALL: Beginning 6:15 p.m. Pinewood Park. K-25 Colts vs. J-Birds; Gashouse Gang vs. Braves; UCC All Stars vs. Bat Boys.

Thursday, May 30

ARCHERY LEAGUE: 5:15 p.m., 6:15 p.m., 7:15 p.m. Oak Ridge Sportsman's Association Range.

Friday, May 31

HOLIDAY FOR Y-12ERS. In lieu of Memorial Day, May 30.

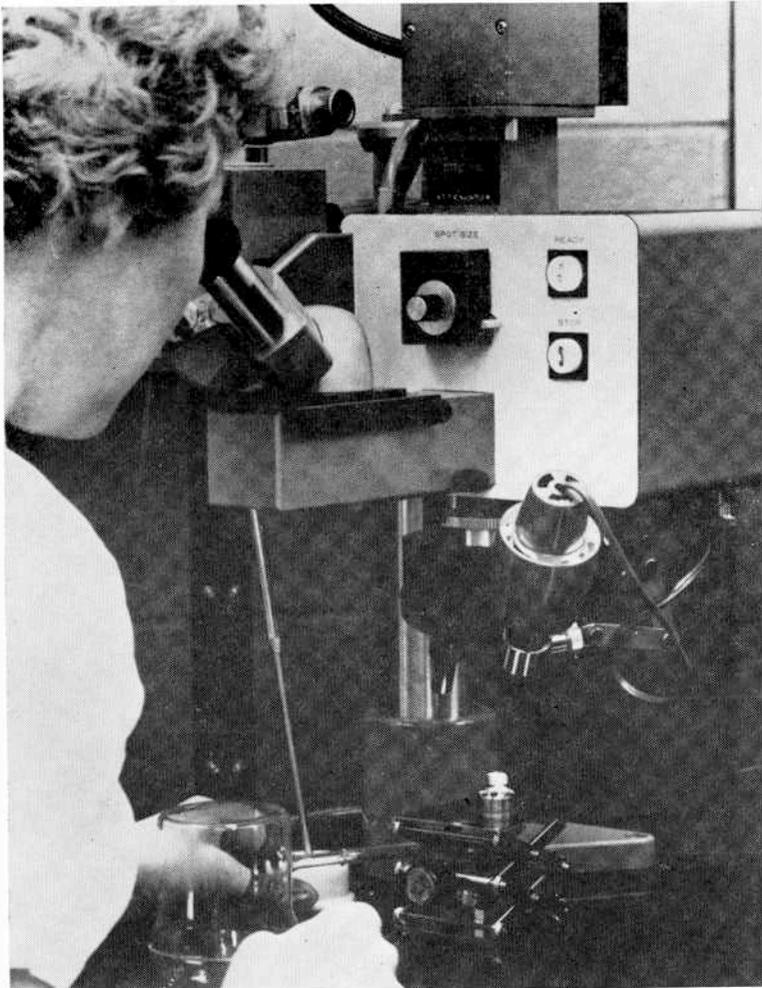


RUTHALEEN HENDERSON, CENTER, RECEIVES a \$500 Panhellenic scholarship from Mrs. Ronald Keyser, left, Oak Ridge Panhellenic president. Ruthaleen, 17, a senior at Oak Ridge High School, is the daughter of Mr. and Mrs. Renfro Henderson, 141 Bethune Circle, Oak Ridge. Her father is in the Biology Division in Y-12. She plans to attend Berea College, Kentucky, to major in mathematics. Ruthaleen has been active in Girl Scout work in Oak Ridge, is a member of the Neighborhood Youth Corps, and, in high school, the Spanish Club and Assembly Committee, as well as the National Honor Society. As a member of Mt. Zion Baptist Church, she is in the junior choir and on the junior usher board. She is also an assistant Sunday School teacher and belongs to the Mt. Zion Youth group. From left, are Mrs. Keyser, Mrs. Carl M. Cox Jr., Ruthaleen, Mrs. Ernest V. Cosson and Mrs. Frank J. Jamison.

for Y-12ers wishing to play in singles competition before the nets during the summer.

If you wish your name on schedule, call Recreation 3-7109.





IT IS EASIER FOR A WOMAN TO BE A WELDER since the invention of this laser welding machine, made by Union Carbide Corporation. How the laser — a tremendously intensified beam of light — may soon become an essential tool in industry, medicine and communications, is explained in "Now You See It," a report on ultra-modern optics in "The 21st Century" series Sunday. The TV series, in color on the CBS Television Network, is carried locally by WBIR-TV, Channel 10.

'Now You See It' Startling Subject For '21st Century' Series Sunday

How new optical technology reveals unsuspected aspects of the world around us — and will reveal still more in the twenty-first century — will be shown in "Now

You See It," an episode of the "21st Century" to be broadcast Sunday, May 26, at 6 p.m. EDT on Channel 10, WBIR-TV. The program aired in color over the CBS Television Network features Walter Cronkite as principal reporter and is sponsored in the public interest by Union Carbide Corporation.

The report points out that the laser beam is possibly the greatest single achievement of the new optical technology. Ruby rods which are used in laser equipment, as well as other laser devices, are made by Union Carbide. Lasers may soon become essential tools in industry, medicine and communications. A laser television camera will be shown that can take pictures in the dark and perhaps will be used to photograph the dark side of the moon.

Micro-optics, a process by which the 13 million volumes in the Library of Congress can be photographed on microfilm squares that would fill only six small filing cabinets, also will be explained. This technology could reduce the 1,245 pages of the Bible to a card less than two inches square, to be read with the aid of a microscope.

No longer need light "travel in a straight line only." A fiber-optic probe that can twist and turn through arteries will be shown exploring the inside of a living heart.

"Now You See It" was written by Jon Wilkman. Fred Warshofsky is science editor, Isaac Kleinerman producer and Burton Benjamin executive producer.

PROGRESSIVE SCHOOL

A progressive nursery is where they teach children who hit, not to hit . . . and children who don't, to hit back.



As May moves along, more Y-12ers (including three who become old-timers) observe important birthdays with Union Carbide Corporation. Congratulations.

25 YEARS

- John P. Snodgrass, Receiving Department, May 10.
- Maola E. Conner, Stores Department, May 17.
- James C. Little, Engineering Division, May 17.

20 YEARS

- Edward E. Turner, Guard Department, May 21.
- Gordon E. Fielden, Material Control, May 24.
- Charles A. Frazier, Microreproduction and Engineering Services, May 24.
- Oscar W. Patrick Sr., Stores Department, May 24.
- Edward F. Sise, H-2 and F-Area Shops, May 24.
- Ralph A. Wilson Jr., Beta Two Shop, May 24.
- James T. Reel, Process Maintenance, May 25.
- Cleveland O. Mathena, General Can Fabrication Shop, May 28.

15 YEARS

- Virgil T. Callaway, Electrical Department, May 18.
- Joseph Delmonte Jr., ORNL Chemical Services, May 18.
- Arthur I. Johnston, Area Five Maintenance, May 18.
- John R. Baumgarner, Research Services, May 19.
- Rhea V. Harrell, Dispatching Department, May 20.
- Naomi T. Hart, Maintenance Division, May 20.
- Conda L. Miller, Stores Department, May 22.
- Thurston L. Boshears, Material Packing and Transfer, May 25.
- Austin A. Crabtree, Electrical Department, May 25.
- Clarence C. Crisp, Electrical Department, May 25.
- Emory E. Denham, Process Maintenance, May 25.
- Barbara G. Oody, Physical Testing, May 27.
- Wallace W. Ring, Process Maintenance, May 27.

10 YEARS

- Glenwood L. Davis, Engineering Mechanics, May 19.

Chester To Speak At HP Meet

Dr. Conrad V. Chester will be the speaker for the Monday, May 27, meeting of the East Tennessee Chapter of the Health Physics Society at the Oak Ridge Country Club.

Dr. Chester received his BS in chemical engineering from Cornell University, and his PhD from the University of Tennessee. Since 1965, when he began his employment at the Oak Ridge National Laboratory, Dr. Chester has worked on power reactor fuel processing, mass transfer studies and bioengineering separations. In 1965 he began his work on the Civil Defense Research Project. This work involves the study of biological weapons, nuclear weapons, effects and various types of explosive technology.

Chester's address Monday is entitled: "Nuclear Power Reactors as Targets in Nuclear Attacks." The program will begin at 8 p.m. with a social hour and dinner preceding the technical section.

SMALL PRICE

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6-13917



MAOLA CONNER, STORES DEPARTMENT, made Y-12 history last week when she became the first distaff member of the Old-Timers Club. It was May 17, 1943 that Maola came to Y-12. Above Division Superintendent E. O. Pluhar welcomes her into the select group. She proudly wears her 25-year-watch, also. Engineering's James C. Little hired in the same day Maola did . . . back in 1943.

Y-12er's Daughter Dogwood Princess

Carolyn White, daughter of Mr. and Mrs. Paul S. White, 101 Bennett Lane, Oak Ridge, was one of the three Dogwood Relay Princesses in the second annual Dogwood Relays held recently on the Tom Black Track at the University of Tennessee.

The event attracted more than 400 athletes from about 30 men's teams and 120 women athletes from 10 teams.

Carolyn, who graduated from Oak Ridge High School in 1967, is a freshman at Knoxville College. The three princesses presented awards to the winners in the events and attended the Play-boy Ball at UT with their escorts following the track events.

Carolyn's father is in the Biology Division in Y-12.



Carolyn White

Off-Job Accidents Will Be Target For Y-12 In June

War has been declared by Y-12 on off-the-job accidents. The entire month of June will feature a concentration on accidents that occur away from work.

Y-12ers are far safer here in the plant than they are at home, or on the highways. Off-the-job accidents occur with a far greater frequency and severity than here in the plant.

The Bulletin will feature special articles on home safety during the entire month.

MAKE MINE VANILLA

A tourist from abroad was sitting in a short order restaurant recently in New York. A man next to him said "Danish" to the waiter. Another man said "English." The tourist, when the waiter got to him, said "Egyptian."

TOTAL LOSS

It seems like everyone has a cure for the common cold . . . everyone, that is, except the doctor!

U. E. Leffew Rites Held In Harriman

The plant was saddened Friday, May 10 by the death of Mr. Ulysses E. Leffew, Material Packing and Transfer in the Production, Planning and Scheduling Division.

Mr. Leffew came to Y-12 November 14, 1951, after working in the lumber business in Harriman, Roane-Anderson and Stone & Webster, here in Oak Ridge, and Tennessee Products, Rockwood; and the Harriman Hosiery Mill.



Mr. Leffew

He was born in Browntown, Tennessee.

Survivors include his wife Mrs. Nedra Love Leffew, at home at Route 1, Oakdale. Two daughters also survive Miss Rosella Leffew, Harriman; and Mrs. Edith Howard, Dayton, Ohio; and a son Eddie Leffew, Knoxville; three grandchildren; and his mother Mrs. Vesta Duncan, Midtown. Two sisters, Mrs. Lee Walker and Mrs. Myrtle Hall, both of Midtown also survive.

Funeral services were held Sunday, May 12, at 3 p.m. at the Piney Grove Baptist Church, Harriman, with the Reverend Jim Jenkins officiating. Burial followed in the church cemetery.

Sincere sympathy is extended the Leffew family.