



NUCLEAR DIVISION NEWS

A Newspaper for Employees of the Nuclear Division, Union Carbide Corporation

Vol. 4 - No. 17

September 6, 1973



73-2023
VISITS NUCLEAR DIVISION FACILITIES - Congressman Craig Hosmer, center, a member of the Joint Committee on Atomic Energy, visited Oak Ridge recently to be briefed on various programs at the facilities. From left are Roger F. Hibbs, President, Nuclear Division; Hosmer; and Paul R. Vanstrum, Vice President for Production.

Attitude survey to be taken in ORGDP and Paducah plant

A special survey to determine employee attitudes toward various Company policies and practices, as well as other aspects of Nuclear Division employment, will be conducted this month among Division employees.

Initially, it is planned to conduct the survey among salaried employees at the Paducah and Oak Ridge Gaseous Diffusion Plants. The survey will be extended to other Nuclear Division employees in the future.

The survey will be conducted by Science Research Associates, Inc., specialists in attitude surveys of this kind. SRA will both provide and score the surveys and will furnish a summary of results. Each employee participating in the survey will receive the results from his location. Science Research Associates is a subsidiary of IBM. SRA surveys have been used throughout the nation by numerous businesses and industries.

The survey will be conducted in complete anonymity. Frank, honest views are being sought from employees concerning such things as their job, Company policies and practices, and their relationship with fellow employees and their supervisor. Employees will be asked not to put their names on the questionnaires.

The survey, consisting of 78 multiple-choice questions, takes only a short time to complete. There will be no interviews. After the questionnaires are completed, they are placed in special envelopes which will be sealed before being collected by the survey administrator. After Science

Research Associates has scored the surveys, the results from each location will be passed along to those employees who participated at that location.

The survey will be conducted at group meetings during work hours, beginning the week of September 10.

One of the primary purposes of the survey is to gain a better understanding of employees' attitudes toward their work environment. It is felt that the SRA survey is the best vehicle for obtaining meaningful, documented information about these employee attitudes.

Bio-med courses set for UT fall session

The University of Tennessee - Oak Ridge Graduate School of Biomedical Sciences has announced the courses to be offered during the Fall Quarter, September 17 - December 4, 1973.

Courses scheduled are: physical chemistry I, biochemistry I, biophysics I, cell biology I, biomedical sciences seminar, seminar in plant physiology, seminar in genetics, seminar in mammalian research, seminar in immunology, seminar in biophysics, seminar in biochemistry and advanced topics in biomedical science.

These courses are open to Biology Division personnel and other University of Tennessee graduate students who meet the prerequisites of the courses and have permission of the School.

Oak Ridge National Laboratory sets family day September 9

A special "Family Day" program for Nuclear Division employees will be held at Oak Ridge National Laboratory on Sunday, September 9, from 9 a.m. to 5 p.m. The main purpose of this event is to provide employees the opportunity to show their families and friends the various ORNL facilities. In addition, employees of AEC, ORAU and the Comparative Animal Research Lab are invited to attend.

Plans for Family Day were formulated by a committee consisting of representatives from participating divisions at ORNL. Each division is responsible for having personnel available, and for any

special demonstration or event at its facility. Only ORNL facilities at the X-10 site will be included.

Employees must accompany their guests. Admittance to the area will be gained through use of the employees' badges. Each employee will be responsible for the people he/she brings in.

Continuous bus service will be provided between facilities. A map of the facilities to be featured, with a description of what may be found in each, will be handed out to attendees at the portal entrances. Both the East and West Portals will be open, and visitors may enter or leave the Laboratory from either.

Facilities which will be featured include: Oak Ridge Isochronous Cyclotron, Oak Ridge Electron Linear Accelerator, Neutron Physics Division Offices, High Voltage Laboratory, Main Research Building, Unit Operations, Metals and Ceramics Laboratory, Instrument Laboratory, Radioisotope Packing and Control Laboratory, Remote Control Cell (High Level), Oak Ridge Research Reactor, Graphite Reactor, High Radiation Level Analytical Laboratory, Environmental Sciences Division (Buildings 2001 and 3017), Ecological Sciences Information Center, Environmental Information System Office, Aquatic Ecology Laboratory, High Radiation Level Examination Laboratory, Research Shop A and the High Flux Isotope Reactor.

A map showing facilities to be toured is on page four.

Paducah employees earn Treasury's Minuteman Flag

The Paducah Gaseous Diffusion Plant was honored last week by the Savings Bond Division of the U. S. Treasury Department.

The Plant received a new Minuteman Flag signifying the second straight-year it has achieved more than 50 percent participation by employees in the Payroll Savings Plan of the U. S. Savings Bond campaign.

At present, more than 83 percent of the Carbide employees at the Paducah Gaseous Diffusion Plant are saving bonds through the Payroll Savings Plan. In all, 1,078 employees are participating in the program.

Osborne will head United Way drive for Oak Ridge plants



73-119
Harold H. Osborne

Harold H. Osborne has been named general chairman for the Nuclear Division's 1973 United Way campaign.

Osborne is a native of Virginia. After his discharge from the Army in 1945, he came to work in the materials department at the Oak Ridge Gaseous Diffusion Plant. In 1951, Osborne transferred to Paducah as a supervisor in the materials department. He later became superintendent of the Finance and Materials Division at Paducah. In 1970, Osborne returned to Oak Ridge as general purchasing agent for the Nuclear Division.

Osborne has been associated with United Way campaigns for many years.

He lives with his wife and two children at 102 Normandy Road, Oak Ridge.

The "kick-off" date for the drive at the Oak Ridge plants is set for October 9. Plant chairmen will be announced in the September 20 issue of Nuclear Division News.

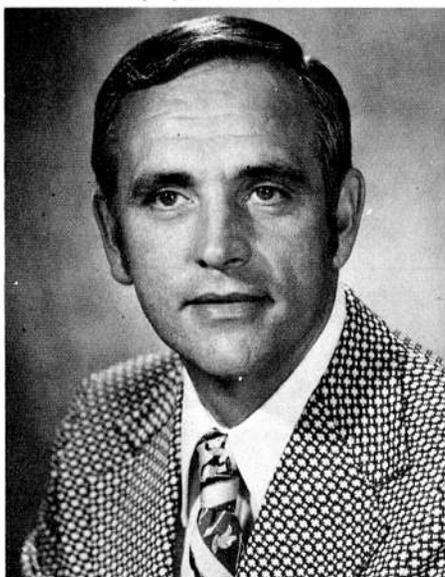
Paducah Gaseous Diffusion Plant names Renfro employment leader

James H. Renfro has been named head of the employment department at the Paducah Gaseous Diffusion Plant.

Renfro joined Union Carbide in the Maintenance Division, in 1951, shortly after receiving his B. S. degree in industrial education from Southern Illinois University. He is a native of Carbondale, Ill., and served two years in the U. S. Army, in guided missile school, and later as an instructor at Ft. Bliss, Tex.

Mrs. Renfro is the former Mary Cole, and they have a son, Bradford, a sophomore at Tilghman High School. They live at 4035 Court, Paducah.

Renfro enjoys playing tennis and officiating at local high school football games.



James H. Renfro

Property's timely tips

Just to set the RECORDS straight ... are you involved in TRANSFERRING, RELOCATING, or DISPOSING of CAPITAL EQUIPMENT? If so ... REMEMBER ... whether by M&P, RIGGER, or COMPANY CAR - DON'T FORGET THE PTR! (Property Transfer Record UCN-541)

HERE ARE THE GROUND RULES! (For Use of Property Transfer Records)

- ANY TRANSFER and/or Movement Between:
- UCCND Plants
 - Buildings
 - Divisions
 - Cost Centers
- or
- OTHER THAN PHYSICAL MOVEMENT:
- Cannibalization
 - Dismantling

ONE LAST WORD OF CAUTION ... NEVER dispose of worn out, obsolete, or contaminated Capital Equipment through any source other than AUTHORIZED CHANNELS such as EXCESS - BURIAL GROUNDS - SALVAGE/SCRAP YARD.

If at anytime you are in doubt ... CALL 3-5321 and let us help you out.

NUCLEAR DIVISION NEWS



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The Employees Of
UNION CARBIDE CORPORATION
NUCLEAR DIVISION

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INTERNATIONAL ASSOCIATION OF
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Oak Ridge Gaseous Diffusion Plant promotes Giles, McCall and McGill

Three new assignments at the Oak Ridge Gaseous Diffusion Plant are announced. John S. McCall is named an associate chemist in the laboratory; Ralph N. McGill is promoted to a laboratory supervisor in Separations Systems; and Howard S. Giles is named a supervisory trainee in Fabrication and Maintenance.

McCall, a graduate of The University of Tennessee, is a native of Maryville. He has been at ORGDP five years.

McCall lives at 11048 Farr Drive, Concord. His wife, the former Sharon Fine, and he have two children, Angela and Gregory.



Giles



McCall



McGill



Y-12 PLANT

TWO car pool members from Cedar Lane, Knoxville, to North Portal, straight day. George Dykeman, plant phone 3-7507, home phone Knoxville 687-6657.

RIDE from 122 Viking Road, Oak Ridge, to East Portal, straight day. Sara Coram, plant phone 3-5226, home phone Oak Ridge 483-7534.

ORNL

CAR POOL MEMBERS from Norwood, Clinton Highway area to either portal, 8 a.m. shift. Jack Posey, plant phone 3-1708, or home phone, Knoxville 947-3261.

RIDE from Coster Road, Inskip area, Knoxville, to North or West Portal, 8 a.m. shift. Fay Ownby, plant phone 3-1732, home phone Knoxville 688-5375.

RIDE from Claxton area to North or West Portal, 8 a.m. shift. Mary Ogle, plant phone 3-1732, home phone Knoxville 945-3342.

CAR POOL MEMBERS from Bearden, Papermill Road vicinity to either portal. Ray L. Pearson, plant phone 3-1600, home phone Knoxville 588-9949.

Ralph N. McGill is a native of Clinton. He joined Union Carbide in 1960, and worked as a radiation specialist at ORNL before transferring to ORGDP.

Mrs. McGill is the former Betty Lott. They live at 101 Plymouth Circle, Oak Ridge, and have one daughter Bethann, attending Jefferson Junior High School.

McGill fishes and plays golf in his spare time.

Howard S. Giles, a native of Oliver Springs, holds a B.S. degree in agricultural business from UT. He came with Union Carbide last year, after working in a botanical nursery while attending school.

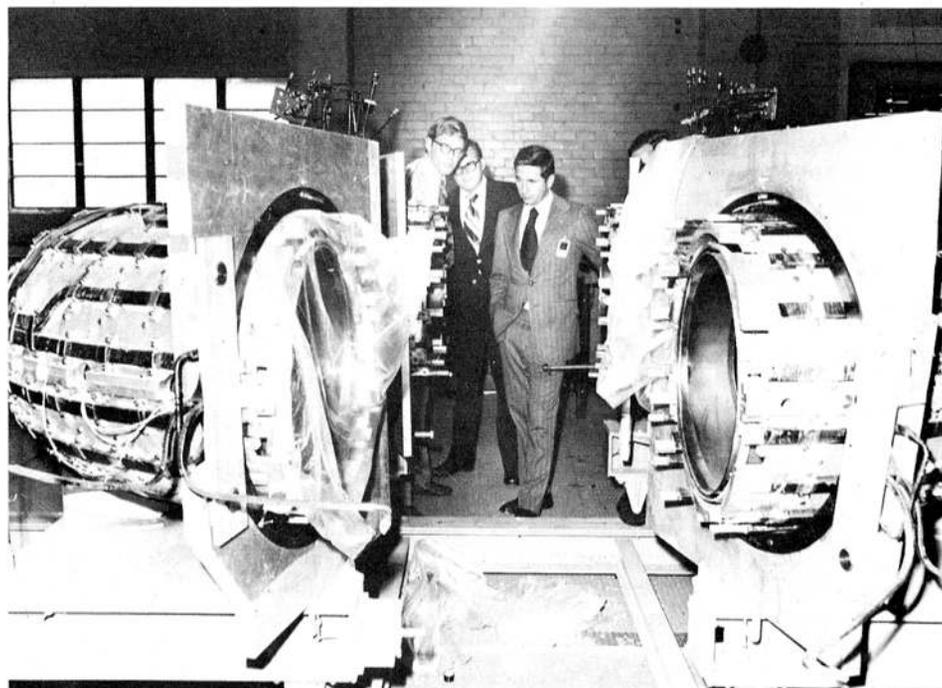
Giles, who is single, lives at Circle Drive, Oliver Springs, where he enjoys sports, particularly hunting and fishing.

UNITED FUND

The Nuclear Division's United Way appeal gets underway the first week in October in Oak Ridge ... the last week in September in Paducah.

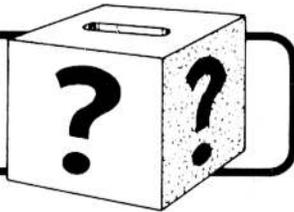


VISITS TOLL ENRICHMENT FACILITY - AEC Commissioner William A. Anders visited the Toll Enrichment Facility at the Oak Ridge Gaseous Diffusion Plant on his recent tour of facilities in the Oak Ridge area. From left are, Paul R. Vanstrum, Vice President - Operations; Ray C. Armstrong, Oak Ridge Operations - AEC; Anders; Michael Hawkins, aide to Commissioner Anders; and Kenneth W. Sommerfield, assistant plant superintendent at the Oak Ridge Gaseous Diffusion Plant.



COMMISSIONER VISITS - William A. Anders, a former astronaut and executive secretary of the National Aeronautics and Space Council, now is on the Atomic Energy Commission. He visited Oak Ridge facilities recently. He viewed the inner torus system from the ORMAK fusion device, as Herman Postma, Thermonuclear Division director, left, and Robert J. Hart, director of Oak Ridge Operations of the USAEC look on.

QUESTION BOX



If you have questions on company policies, benefits, etc. or any other problems with which we might help, just let us know. Drop your inquiry to the Editor, Nuclear Division News. (Or telephone it in to your plant news representative... see page two). You may or may not sign your name. It will not be used in the paper.

Questions are referred to the proper authorities for accurate answers. Each query is given serious consideration for publication.

Answers may be given to employees personally if they so desire.

QUESTION: Job openings in certain industries must be advertised in the employee newsletter before looking outside the installation. Thus current employees learn first of opportunities to better themselves, if qualified. Carbide's system works from the top down and allows the over-protective managers (yes, we have a few) to "protect" his employees from advancement. Why not run a "Positions Available" column in the News and shift the initiative for a transfer from the supervisor to the employee?

ANSWER: It is Union Carbide policy to promote from within. We recognize that application of the policy is occasionally thwarted by "over-protective" supervisors. However, through our Skills Inventory, and our Performance Appraisal and Salary Programs, higher levels of management usually become aware of "over-protectiveness."

Advertising openings in internal newspapers such as the Nuclear Division News has not worked out too well in other companies. More formal job bidding systems have been attempted by some companies, but they are expensive to install and unless very expertly administered, can become cumbersome and self-defeating.

At the present time we are trying to make our present system work better but we have not ruled out completely alternate arrangements such as the one you suggest or others.

QUESTION: I am 52 and one-half years old and am being terminated in a month. Under Carbide's present Pension Plan, when I reach age 55 I will receive 45 percent of my retirement. A person who has the same number of years of company service and is already 53 years of age, on reaching age 55 will be eligible to receive 70 percent retirement. Why am I being penalized 55 percent of my retirement for being one-half year too young?

Why doesn't Carbide write major medical coverage into its continued insurance plans for people who leave?

ANSWER: Unfortunately, when eligibility for benefits under a plan depends on a minimum age or a minimum length of service, there normally is an apparent inequity at the "breakpoint", that is, between the individual not quite eligible and the one who has just met the eligibility requirements. The inequity in the example you refer to is even greater since actuarial reductions are computed differently when an employee is immediately eligible for a pension vs. the employee who is terminated prior to eligibility.

An employee who terminates prior to eligibility has "vested rights" to a full pension at age 65. Actuarial reduction is

computed, therefore, from age 65. An employee who qualifies for early retirement before he is terminated is entitled to benefits on the basis of an actuarial reduction from the age at which he would have been eligible for a full pension. This could be age 62 with 10 years' service, age 60 with 30 years' service, or as early as age 55 with 35 years' service. In the 60-30 case, the actuarial reduction at age 55 is to a 70 percent level, as in your example, compared to a 45 percent level if the pension is a vested one.

The recent improvements in the Pension Plan give an age 53 employee up to two years of credit toward pension eligibility if he is terminated by the Company for reasons other than cause. In the case you described, the age 53 employee is treated the same as if he were age 55 in determining his eligibility for pension benefits, and he would have a 70 percent pension.

As for the second part of your question, employees who take early retirement or who are terminated due to a total disability can remain in the Company's group hospital plans, including major medical coverage, until age 65. Others terminated will, of necessity, be working for some other employer and it is our thought that subsequent insurance coverage should be the responsibility of that employer. As an interim measure, a terminated employee may purchase basic coverage from either of our insurance carriers without having to show evidence of insurability.

QUESTION: In a recent answer in the "Question Box," it is stated, "The Contributory Retirement Plan was an excellent one when it was introduced in 1937."

Is it not true that you were required to earn as much as \$57 a week before you were eligible to participate? In 1951, when I came with Carbide, what was the average straight-time earnings for an hourly person?

ANSWER: When the Contributory Retirement Plan was introduced in 1937 it was intended to provide a method to supplement Social Security benefits. At that time, and until 1950, maximum taxable Social Security earnings were \$3,000 per year or \$57.69 per week. Employees' contributions into the Retirement Plan were based on earnings in excess of \$3,000.

In December, 1951, the average straight-time earnings for hourly employees at the three Oak Ridge installations was \$71.20 per week or \$3,702 per year.

As we stated in our answer on July 5, 1973, participation in the Retirement Plan is restricted to those who had enrolled prior to June 30, 1969, and who are still in the Plan. The Plan will terminate when all current participants retire.

Wymer named associate director ORNL's Chemical Technology

1987-73

Raymond G. Wymer has been named associate director of the Chemical Technology Division at Oak Ridge National Laboratory.

Wymer, a native of Colton, Ohio, received his M. S. and Ph.D. degrees from Vanderbilt University in Nashville. He has authored and co-authored numerous publications, including a book on nuclear technology. He holds membership in several professional and civic organizations, and was named a Fellow of the American Institute of Chemists in 1970.

Wymer, formerly chief of chemical development section A, will have primary responsibility for activities carried out under four newly-established program directors: Raymond E. Blanco, Warren R. Grimes, Karl J. Notz, and William E. Unger.

Blanco, formerly chief of chemical development section B, will guide the work the Division performs for the Regulatory Branch of the U. S. Atomic Energy Commission.

Grimes was formerly director of the Reactor Chemistry Division which was recently dissolved through merger with other ORNL divisions. In his new position, Grimes will guide the Chemical Technology Division's work in support of controlled thermonuclear reactor research and development.

Notz will guide the Division's high temperature gas-cooled reactor development. He was formerly group leader of the thorium utilization program in chemical development section A.

Unger, formerly assistant section chief of the process design section, will guide the fuel recycle program for the liquid metal fast breeder reactor.

Anthony P. Malinauskas has been appointed to succeed Wymer as chief of chemical development section A. He was formerly a group leader in the Reactor Chemistry Division. Charles F. Coleman is assistant section chief.

Other Division changes

An engineering coordination and analysis section has been established under Jere P. Nichols, former director of



Raymond G. Wymer

the Division's long range planning group. The new section replaces the process design section and has been given additional engineering responsibilities.

Charles D. Scott, formerly a group leader in section A, has been appointed chief of chemical development section B. In addition to his new responsibilities, Scott continues as a section chief of the Molecular Anatomy (MAN) Program. David J. Crouse and Leslie M. Ferris are assistant section chiefs of section B.

L. E. McNeese was recently appointed chief of the unit operations section to replace Marvin E. Whatley who has transferred to the private sector of Union Carbide Corporation. A. D. Ryon is assistant section chief.

Rex E. Leuze has been named on assistant chief of the pilot plant section. Robert E. Brooksbank remains section chief and John R. Parrott, assistant section chief.

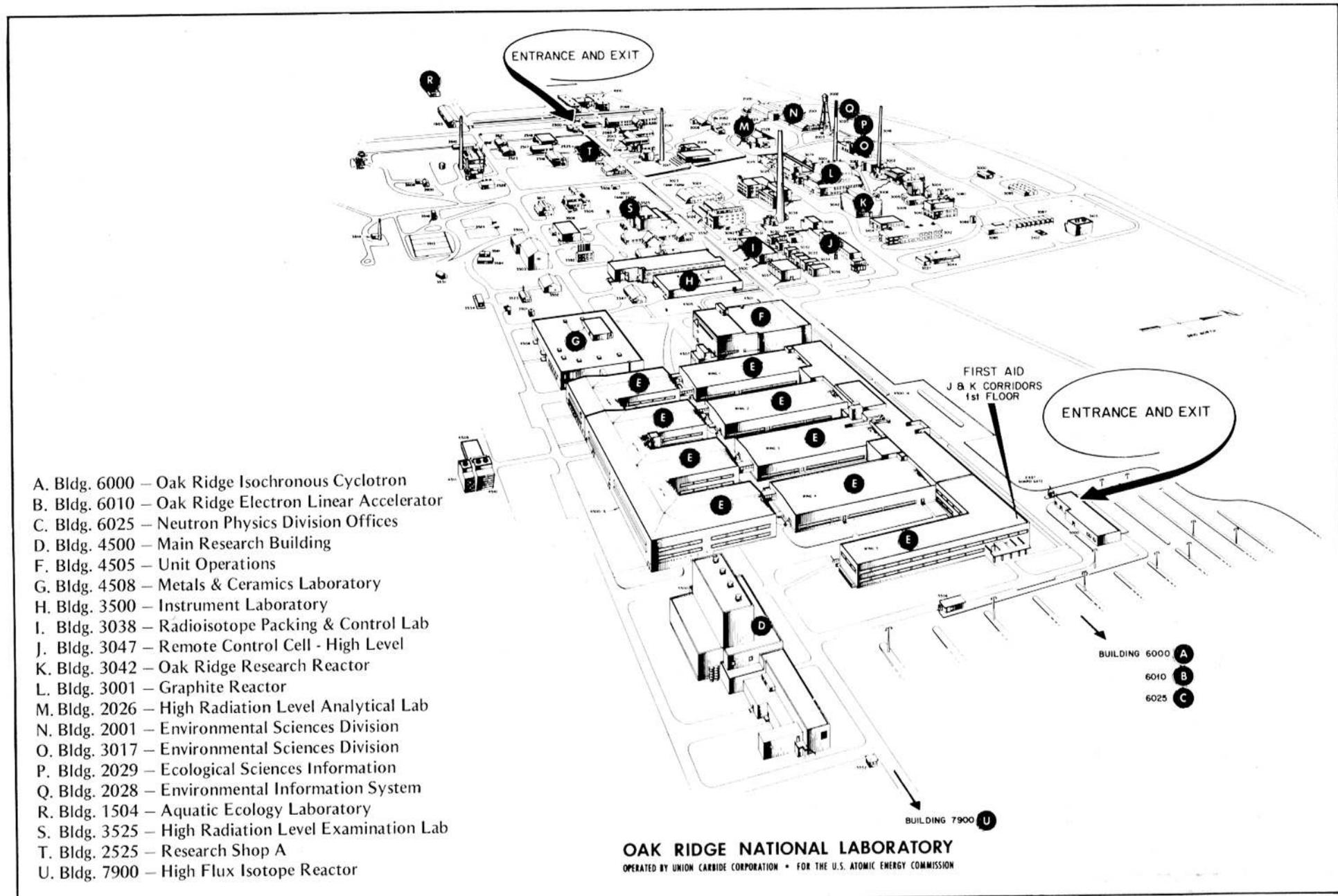
Keith B. Brown remains assistant division director with primary responsibilities for work in the chemical development sections.

Don E. Ferguson is Division Director.

1991-73



DOSIMETRY INTERCOMPARISON STUDY — The Tenth ORNL Dosimetry Intercomparison Study is being held at the Health Physics Research Reactor August 27 through September 7. Conducted as part of the Health Physics Division's program in nuclear safety, the series of experiments are designed for the test and evaluation of personnel and area monitoring systems for nuclear accidents. Participants are from left: first row, E. Piesch, West Germany; W. H. Shinpaugh, ORNL; Raguél de Hazas, Mexico; F. M. Tomnovec, U. S. Naval Ordnance Laboratory; L. Svansson, Sweden; H. W. Dickson, ORNL; A. M. Moreno, Mexico; and F. F. Haywood, ORNL. Second row, J. S. Cheka, ORNL; M. Boss and J. West, Dow Chemical, Rocky Flats; J. H. Thorngate and K. Becker, ORNL; D. Mayfield, Battelle Northwest; and R. P. Ward, W. F. Fox and D. R. Ward, ORNL. Not pictured are participants from Savannah River, Y-12 and ORGDP.



- A. Bldg. 6000 – Oak Ridge Isochronous Cyclotron
- B. Bldg. 6010 – Oak Ridge Electron Linear Accelerator
- C. Bldg. 6025 – Neutron Physics Division Offices
- D. Bldg. 4500 – Main Research Building
- F. Bldg. 4505 – Unit Operations
- G. Bldg. 4508 – Metals & Ceramics Laboratory
- H. Bldg. 3500 – Instrument Laboratory
- I. Bldg. 3038 – Radioisotope Packing & Control Lab
- J. Bldg. 3047 – Remote Control Cell - High Level
- K. Bldg. 3042 – Oak Ridge Research Reactor
- L. Bldg. 3001 – Graphite Reactor
- M. Bldg. 2026 – High Radiation Level Analytical Lab
- N. Bldg. 2001 – Environmental Sciences Division
- O. Bldg. 3017 – Environmental Sciences Division
- P. Bldg. 2029 – Ecological Sciences Information
- Q. Bldg. 2028 – Environmental Information System
- R. Bldg. 1504 – Aquatic Ecology Laboratory
- S. Bldg. 3525 – High Radiation Level Examination Lab
- T. Bldg. 2525 – Research Shop A
- U. Bldg. 7900 – High Flux Isotope Reactor

Calendar of EVENTS

TECHNICAL September 6

Bimonthly Information Colloquium: "Lung Cancer Studies at ORNL," Paul Nettesheim, Biology Division. Subjects of current interest and questions, Floyd L. Culler. Jefferson Junior High School Auditorium, 7:30 p.m.

September 10

Computer Sciences Division Seminar, title to be announced. F. L. Bauer, Mathematisches Institut der Technischen Universität, Munich, Germany. East Auditorium, Building 4500N, 10 a.m.

Biology Division Seminar: "The Sequencing of DNA Newly Synthesized in Vitro," Geoffrey Griff, MRC Laboratory of Molecular Biology, University Postgraduate Medical School. Tower 1 Conference Room, Building 9207, 12:15 p.m.

September 10-11

Chemistry Division Information Meeting: Oak Ridge National Laboratory. Central Auditorium, Building 4500N, 9 a.m.

September 10-12

Symposium on Superconductivity and Lattice Instabilities: ORNL. Riverside Motor Lodge, Gatlinburg.

September 17-18

Thermonuclear Division Information Meeting: ORNL. Central Auditorium, Building 4500N, 8:45 a.m.

September 18-19

Health Physics Instrumentation Information Exchange: ORNL. Holiday Inn, Oak Ridge. September 18 (Tuesday) 8:15 a.m.; September 19 (Wednesday) 8:30 a.m.

COMPANY Service

20 25 30

ORGDP 30 YEARS



Calhoun

Rohland

Felix W. Calhoun, ORGDP's building maintenance, is a native of Bryson City, N.C. He worked with construction, Cannon Mill Company, and Ford, Bacon and Davis before joining Union Carbide 30 years ago.

He lives with his family at 5610 Parkdale Road, Knoxville.

John H. Rohland, facilities engineering, is a native of Pennsylvania. He came to Y-12 in 1943, and transferred to ORGDP last year. He holds an engineering degree from Duke University. The Rohlands live at 104 East Malta Road, Oak Ridge.

25 YEARS

Willard E. Hobbs and Roger W. Anderson.

Payroll purchase of the U. S. Treasury bonds is the easiest way there is to save.

Don Parker and Jim Reese promoted to process foremen at Paducah Plant

Two promotions are announced in the Power, Utilities and Chemical Division at the Paducah Gaseous Diffusion Plant. James R. Reese and Donald E. Parker have been named process foremen.

Donald E. Parker, a native of McCracken County, Ky., joined Union Carbide in 1956, after working with the Modine Manufacturing Company.

The Parkers live at 308 Charleston Avenue, Paducah. They have a daughter, Patricia, and a son, John.

James R. Reese, a native of Clinton, Ky., began working at Paducah in 1951. He completed his education at Columbia Military Academy and the University of Kentucky after which time he served in the V-5 program for the U. S. Navy.

Reese lives at 3404 Lone Oak Road, Paducah. The Reeses have one daughter, Angie.

NOTE OF INTEREST

Although Dixon Callihan has officially retired from the Nuclear Division staff, he will still be around the area. He retains his position as editor of the NUCLEAR SCIENCE AND ENGINEERING journal of the American Nuclear Society. He has established an editorial office in Building 9204-1 at Y-12.

THANKS TO YOU, the United Fund is working. Last year more than 470 Carbide employees were served by United Way agencies in Knox County alone.



Parker

Reese

Blakely son awarded scholarship to Yale

Marvin Blakely, son of Mr. and Mrs. Horace Blakely, 3737 Ivy Avenue, Knoxville, has been awarded a \$5,800 scholarship to attend Yale University, New Haven, Conn.

Blakely attended Park Junior High School, Knoxville, and was already on a scholarship to Cranwell High School, Lenox, Mass.

He will enter Yale as a freshman next month, to begin studies in law.

Blakely's father is in Y-12's buildings, grounds and maintenance department.



Blakely

COMPANY Service

20 25 30

ORNL

1483-73 30 YEARS N 13-127



Amburn Caldwell

Samuel J. Amburn is a guard in the Laboratory Protection Division. He enjoys camping, fishing and hunting in his spare time. Amburn and Bernice, his wife, have two sons, a daughter and five grandchildren. They live at 2908 Glendale, Knoxville.

Rufus L. Caldwell is a physicist in the Isotopes Division. He enjoys golfing and bowling with the ORNL C-league. He has two sons and a grandson. Caldwell and his wife, Edna, live at 115 W. Magnolia Lane, Oak Ridge.

PADUCAH 40 YEARS



McDowell

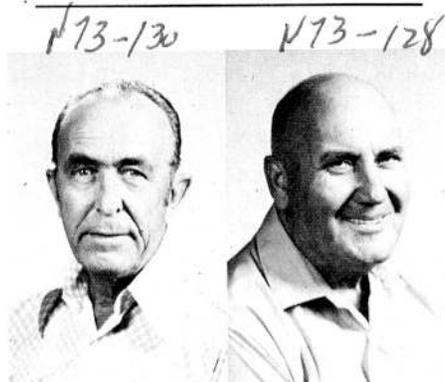
Carl C. McDowell, Paducah Shift Superintendent, celebrated his 40th anniversary with Union Carbide recently. He joined the corporation in Charleston, W. Va., on July 25, 1933. He transferred to ORGDP in 1944 and then on to the Paducah Plant in 1952.

McDowell's community activities have included membership on the Paducah Municipal Housing Board and Commissioner of the Four Rivers Council of Boy Scouts of America. His hobbies include expert motor tuning.

GRAPHITE REACTOR

The following statement was found in the visitors' comment box at the ORNL Graphite Reactor recently:

"This was very interesting since I took radioactive iodine made here in 1950 and the tumors in my thyroid and lungs disappeared and I am alive today because of this facility -- Very thankful, too! More signs should be put on highways to guide interested people." Mrs. Robert E. Hodgen, Honolulu, Hawaii.



Ivy Kidd

Carl W. Kidd, receiving department, lives at 210 Waltham Place, Oak Ridge.



McQuain Ruckart

Raymond F. McQuain, 205 Englewood Lane, Oak Ridge, is in Alpha Five processing.

Frederick A. Ruckart, a 30-year-guard veteran, lives at 1500 Mingle Avenue, Knoxville.



Turner Woods

Dave Turner lives at 6625 Centrai Avenue Pike, Knoxville. He is in Y-12's plant protection department.

Astor A. Woods, process maintenance, lives at Route 3, Walnut Drive, Clinton.

25 YEARS

Kenneth H. Wright, Arthur J. Stewart, Hosie Simmons and Desma H. Blair.

20 YEARS

Hubert E. Parrott, Peter B. Kohler, Arthur J. Gilliam Jr., Randolph K. Reedy Jr., Bascom S. Turner, Lloyd Johnson, Jesse E. Haynes, John W. Steele Jr., Emery J. Yearwood, Hugh M. Jeffreys, Archie A. Stacy, John F. Pyatt, Willis F. Tiller, Robert W. Miller, Zane L. Ardary, Corder G. Clifton, Marshall N. Ward, Richard T. Bell, James L. Morgan, Rayburn C. Waldrop, Jimmie C. Wilks, Hardin B. Renfro, Earl W. Stooksbury, James R. Taylor, William C. Hatmaker, Paul Craven, Wayne W. Kirksey, David R. Allison, William R. Hicks, Earl T. Henry, Lacie W. Blevins, James A. Andrews and Coy Crutchfield.

Ted Lankford named to ORGDP position

73 1894



Theodore E. Lankford Jr.

Theodore E. Lankford Jr., has been named wage and salary supervisor at the Oak Ridge Gaseous Diffusion Plant.

A native of East Tennessee, Lankford has a B.S. degree in industrial engineering from The University of Tennessee, and has also done graduate work there.

Prior to his recent appointment, Lankford was acting salary administrator at Oak Ridge National Laboratory, and assistant salary administrator at the Y-12 Plant. He was also formerly in Y-12's facility engineering department.

His father is a maintenance foreman in Y-12.

Lankford lives at Route 2, Harriman. He has two children, Terry and Andrea, in Cedar Hill School.

He enjoys cabin construction, reading and fishing, and deals in real estate in his spare time.

Personality seminar set by secretaries

The Oak Ridge Chapter of the National Secretaries Association is sponsoring the Dartnell "Personality in Business" course September 15, at the Holiday Inn, Oak Ridge. The seminar will begin at 9 a.m. The registration fee, including lunch, is \$10.

The course is conducted by Mrs. Ethel Burge, fashion coordinator and lecturer; Mrs. E. Lee Goodrich, assistant director of Metropolitan School of Business; and Mrs. Elaine Styles, business woman, all of Chicago.

A highlight of the luncheon will be the presentation of Certified Professional Secretary awards to nine Nuclear Division secretaries.

Early registration is encouraged, as attendance is limited to the first 225 applications. Bettye Pope, ORNL, is in charge of registration. Forms and copies of the program are available from her at extension 3-7378; Eileen Walbrecht, ORGDP, 3-3321; Mable Tyer, Y-12, 3-7121; Sheila Brooks, ORNL, 3-6219; Martha Lyle, AEC, 3-4636; or Alease Hibben, City of Oak Ridge 483-7944.

Martha Lyle, AEC, is chairman of the workshop and Janice Winslett is president of the Oak Ridge Chapter.

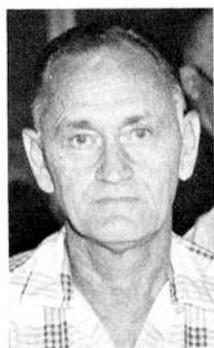
30 YEARS



Hughey

John W. Hughey, head of Paducah's plant protection department, celebrated his 30th anniversary with Union Carbide recently. A native of Memphis he began work at Y-12 in 1943, after working at the Milan Ordnance Depot. He transferred to Paducah in 1951. He and Mary, his wife, live at 2501 Trimble Street.

Y-12 PLANT 30 YEARS



Kendig

Avery F. Kendig, a native of Briceville, worked with the Braden Coal Company, and with the TVA at Norris and Douglas dams before coming to Y-12. He is a foreman in Maintenance.

Six Y-12ers cross 30-year marks during the first two weeks of September.

Briscoe Ivy, process maintenance in the Maintenance Division, lives at Route 2, Cherokee Drive, Seymour.

1981-73 1984-73



Hartman Hutto

Roy M. Hartman is originally from Middle Tennessee. He is a general foreman in the Plant and Equipment Division. Hartman is very proud of his three children. His son is an obstetrician, one daughter teaches and another daughter attends The University of Tennessee. He and Bonnie, his wife, live at 8813 Leyton Drive, Knoxville.

Edwin L. Hutton, Engineering Division, is originally from Orangeburg, S.C. He has a son, a daughter and one grandchild. He and his wife, Helen, reside at 104 Palmetto Lane, Oak Ridge.

1982-73 1987-73

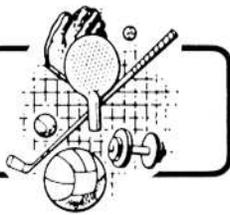


Griffith Stalsworth

Will Griffith is a mechanic in the Plant and Equipment Division. In his spare time, Griffith enjoys working in his yard and traveling. He lives at 100 Independence Lane, Oak Ridge.

Zena R. Stalsworth is a guard in the Laboratory Protection Division. He enjoys fishing and hunting during his spare time. He and his wife, Grace, have two sons, a daughter and six grandchildren. They live at 805 Hiawassee Ave., Knoxville.

RECREATIONOTES



ALL CARBIDE BOWLING

The Guys and Dolls won the Carbide Family Mixed Summer League by a mere one point over the Oops team. The G & D's won 36 points, lost a mere 12. They consist of Helen Atchely and Lou Gunnels; Steve Babb and Walt Joest.

The Oops team consists of Edith Duckworth, Elmer Johnson, Tillie Plaza, C. R. Lively and Kyle Johnson.

Y-12 GOLF

Jim George parred the course at Cedar Hills to take Y-12's final tournament of the summer. Charlie Baxter's 74 was second. In handicap play it was a tie between Robert Johnson and Randy Collins... with Merle Emery coming in second place.

Ken Thomas and Ken Cook parred 13 holes; Jim Vance 12.

Billie E. Rowland capped honors in division two, scoring a low 76. He was followed by Jerry Raper with an 80.

Handicap lows were tallied by George Cantrell, with 79; and Howard Nobles, with 83.

Eight pars were taken by Coy Blankenship and Dan Morgan.

Division three saw Earl Smith card an 83 to take top honors; followed by Ray Morrow who scored an 87. Handicap winners were William B. Snyder, 87; Bill Freels, 91.

Par honors went to six duffers, all counting three each: Joe Steward, Spence Ferguson, Fred Baker, Bill Jago, N. Williams and P. Scott.

HIGH POWER RIFLE LEAGUE

The All Carbide High Power Rifle League has completed activities for its season and lists six winners. In first, second and third place, scratch-firing, are Jack Huff, Y-12; Jack Mrochek, ORNL; and Don Kiplinger, ORNL.

Handicap winners are Bill Galyon, Y-12; Larry Weston, ORNL; and Vic Fowler, ORNL; in first, second and third place respectively.

ORNL GOLF

Henry Tuck scored an even par to win the final Oak Ridge National Laboratory golf tournament of the season at Southwest Point. Bill Martin came in second with a 76. Charley Coley was handicap lowman with a 75; while Herschel Davis scored a 79.

Hal Butler parred 12 holes; Grady Whitman, 11.

In division two it was Grover Cain with an 81; Skip Bryson with 83. R. Ladd and L. Manley were low in handicap scoring, with 82 and 87 respectively.

Gary Coleman counted nine pars.

Flight three was taken by Richard Pawel, with 81; followed by Al Boch, 86.

Handicap honors went to Larry Gipson, with an 82; and Wayne Paul with an 86.

Dewey Lee came in with six pars.

CARBIDE SOFTBALL

In a play-off, the Snakes bombed the Tom's Gizzards right out of Clark Center Recreation Park last week. In the best-of-two games, the Snakes won both handily, with home runs almost everytime anyone came to bat. The score in game one was 32 to 4, in game two 20 to 7.

Final standings follow:

Team	W	L
Snakes	21	1
Tom's Gizzards	19	3
All Stars	16	4
Red Barons	14	6
Colts	14	6
Raiders II	13	7
Yellow Jackets	13	7
Supersonics	13	7
Computes	11	9
Gashouse Gang	11	9
Ecology	10	10
Hornets	9	11
Losers	8	12
Centaur's	8	12
Buccaneers	7	13
K-25 Meech's	6	14
Bio Rejects	6	14
Playmakers	4	16
Gene's Gang	3	17
Al's Pals	3	17
Bombers	2	18



MACHINISTS SPONSOR TEAM — Machinist Local 480 sponsored the Reds, seen above, who swept through the minor Pee Wee tournament recently. Pictured from left in the first row are Darrell Keathley, Bobby Forde, Frank Jinks Jr., Mike Ayers, Bruce Malone and David Mobley. In the back row are coach Frank Jinks, Darrell Weisgruber, Tim Johnston, Eric Walker, Jett Truit, Peter Bertini, and assistant coach Stan Keathley. The Reds won five straight in the tournament, taking the last two games by scores of 6-2 and 10-5. Many of them are Nuclear Division sons.

Bearded weirdo wins top honors at St. Louis magic competition

Austinini, the Bearded Weirdo and Minor Miracle Man from Oak Ridge, won the first place trophy in the close-up magic competition held recently at the Midwest Magic Jubilee in St. Louis, Mo., sponsored by Ring No. 1 of the International Brotherhood of Magicians. Austinini's entry included his business card routine, the co-op dog food card, and his coin concatenation. Even though he has won several medals and plaques in previous magic competitions, Austinini states that this is his first trophy in three years of competing.



Austinini

The Midwest Magic Jubilee was the second stop on the magic carpet tour of points west for Austinini, Tia, and son, Ramon. The first stop was in Nashville where Austinini gave a lecture on magic to several members of the International Brotherhood of Magicians Ring No. 37.

Then after the St. Louis convention, Austinini and Company presented shows in Omaha for family and friends and then in Hastings, Neb.

One week following their return to Oak Ridge, Austinini and company headed north to Colon, Mich., "Magic Capital of the World", where every August over 1,000 magicians congregate for the Abbotts Magic Mfg. Company's annual get-together.

Upcoming events for Austinini include the airing of a TV commercial which was taped in July, the TVA&I Fair in September, the Chattanooga Harvest of Magic Convention in October, and the usual Christmas programs in December.

Actually, Austinini is Larry A. Austin, physical testing department Y-12.

ALL CARBIDE GOLF

L. C. Patrick and H. M. Buffington took top spots in the Carbide Southwest Point Golf League, ending play for the duffers on the lakeside greens. Second place went to Bob Schilling, Bob Neir and W. H. Moon; while Gerald Lay and Harris Creswell nailed down third place.

The Cozart-Graham and Sise-Boyd team are locked in deadly struggle for the top spot in the South Hills Golf race... with Patterson-Cogswell in second place.

Y-12's Shift League at South Hills sees the Collins brothers in lead, ahead of Grubb-Miller.

PADUCAH CHESS CLUB

Paducah employees wishing to join a Chess Club should contact the Recreation Department, Bell 368, or PAX 335.

BARBECUE-HOOTENANNY

Oak Ridge Gaseous Diffusion Plant folks have chosen Saturday, September 29, as the date for their big annual barbecue-hootenanny. Shift men stay up all night barbecuing the succulent meat, and the event has been drawing more and more people every year. Tickets will be available throughout the plant. More details will appear in the next issue of Nuclear Division News.



NEW WILDCATS READY — Oak Ridge High School Wildcats lined up for photographers day recently at the ORHS drill field. In the front row, from left, are Kurt Johnson, 10; Joey Tidwell, 12; Danny Sanders, 13; Gary Dodson, 20; Larry Baker, 22; Lyndon Hurt, 25; James Hamrick, 26; Steve Neeley, 27; Don Carson, 30; and Bill Sliski. In the second row are Ken Spratling, 40; John Milloway, 42; Rod Lineberger, 45; Jim Younkin, 46; Jim Barker, 51; Steve Gray, 52; Hugh Christie, 54; Larry Shaeffer, 56; Greg Freels, 58; and Jack Cunningham, 60. In row three are Jerry Boswell, 61; Gerald Waddle, 62; Benny Godbee, 63; Dave Clark, 64; Steve Norman, 65; Steve Coffey, 66; Roger Edwards, 67; Tim Collins, 68; Jesse Larabee, 70; and Mike Coffey, 71. In the back row are Dave Peterson, 73; Jimmy Jones, 75; Tony Schill, 76; Jeff Walker, 77; Jim Hopkins, 80; Steve Love, 83; Dave Lamale, 85; Bobby Winkel, 87; and Karl Kelly, 88. The Big Red team kicks off against Austin East this Friday night at home. They play Knox Doyle next Friday, then go to Bearden to play there.

CHIGGERS--what to do about them

(Editor's Note: Dr. Lincoln alternates his regular column with "The Medicine Chest," where he answers questions from employees concerning their health in general. Questions are handled in strict confidence, as they are handled in our Question Box. Just address your question to "Medicine Chest," NUCLEAR DIVISION NEWS, Building 9704-2, Stop 20, or call the news editor in your plant, and give him your question on the telephone.)

By T. A. Lincoln, M.D.

A news article on chiggers is long overdue! I have seen several patients this summer who have been made very uncomfortable by a few chigger bites on the abdomen, ankles and legs. Several years ago I saw a man who must have had 75 to 100 separate bites over his entire body. Because of the severe itching, he had to



leave work and retreat to his home where he could scratch and suffer alone.

I have just implied that my treatment for his distress was not too successful, and I am afraid that I must admit my prescriptions

only gave partial relief. In my own defense I shall tell you something about this tiny demon -- how he lives, works his mischief and what you can do to discourage him.

Chiggers are widely distributed throughout most of the United States, but unfortunately are probably "thicker" below the Mason-Dixon line. They thrive well where the winters are not extremely cold and where the vegetation is lush and the soil moist.

Chigger's habits

Chiggers belong to an animal group known as arachnids which includes ticks, lice, spiders and scorpions. These are technically not insects, since they have eight legs while insects have only six. The adult chigger is very small, less than a millimeter in length, and of an orange-red color.

The adult female lays its eggs in moist soil where they hatch into larvae. These larvae attempt to hitch a free ride to get a free meal on any passing animal, including rodents, birds, mammals and man. The chigger may not bite for one or two hours after getting onto the host, but finally inserts its mouth parts near the base of a hair or where the skin is thin or where the clothing fits tightly such as the ankle, wrist, and waistline. The chigger then injects an irritating fluid that liquifies the surrounding tissue so it can suck it into its mouth. When it is eventually satisfied it will drop to the ground, where it slowly develops into a nymph and finally into an adult. When one considers that it takes about 55 days to complete a full life cycle and that there is only one generation per year, the phenomenal number of these parasites which infests the woods each year is evidence of their great success.

Scratching doesn't help

When the chigger bites it injects a minute amount of a poison, in some respects like a snake venom, which causes all the discomfort. Many times the chig-

ger is brushed off before it settles down to eat but if it has taken a good bite, the victim usually will develop a small reddish swollen area which itches severely around the tiny wound. It is a common though erroneous belief by many campers that the chigger burrows into the skin and then dies. It is true the chigger may hang on for several days if not removed by itching or scratching, but it does not burrow into the skin.

In response to the itching, we scratch, but obtain only very temporary relief and sometimes make the itching worse. Sometimes we scratch so vigorously that the skin is broken and a secondary skin infection develops. Fortunately in this country no dangerous systemic diseases are spread by the chigger, though scrub typhus is carried by this mite in the Far East.

Prevention important

Treatment is not very satisfactory so prevention is the only solution. When out in the woods wear protective clothing, such as high boots or tightly woven clothing. Insect repellants, particularly those that contain dimethylphthalate or deet are successful in repelling the larvae. Prompt bathing and scrubbing of the body with soap and water after exposure will often prevent many of the bites.

When treating a bite it is important to keep the skin clean to prevent secondary infection. Antihistamines and tranquilizers sometimes help to reduce the itching, while bathing the affected area with baking soda is often soothing. A small quantity of cortisone cream rubbed thoroughly into the bite two to three times a day is often effective. Covering the bite with fingernail polish or colloidion is of doubtful value. The swelling and itching usually subside in two to three days with the only profit from the experience being a healthy respect for this little animal and greater caution on the next trip into the woods.

Foreign travel

Harley H. Ross, Analytical Chemistry Division, was invited to present a plenary lecture on Cerenkov spectroscopy and counting techniques at an International Symposium on Liquid Scintillation Counting in Sydney, Australia, August 20-22. In addition, Ross will serve as a session chairman for the symposium.

Thomas A. Carlson, Chemistry Division, attended the Eighth International Conference on the Physics of Electronic and Atomic Collisions in Belgrade, Yugoslavia, July 16-20. He presented an invited paper entitled, "Creation of Excited States as the Result of X-ray Photoionization."

Nuclear Division Deaths

Willie Gibson, Y-12's building services, died August 12, in the Harriman Hospital. A native of Harriman, Mr. Gibson lived at 3 Lincoln Street, in that city. He came to Y-12 in 1944.



Mr. Gibson

Survivors include his wife Mrs. Alice Gibson, who also works in Y-12; a son, Staff Sergeant Ronald L. Gibson, one grandson; two brothers; and one sister.

Funeral services were held in the St. Mary's Baptist Church, Harriman, with the Rev. Donald Willis officiating. Burial followed in Roane Memorial Gardens.

Walter J. "Jack" Marble, building service employee in Y-12, died August 16 at his Harriman home.



Mr. Marble

A native of Harriman, Mr. Marble joined Union Carbide in 1951. The Marble home is at 1013 Sevier Street, Harriman.

Survivors include his wife Mrs. Alice Bazel Marble; two sons, Willie and Johnny Marble; parents, Mr. and Mrs. McKinley Marble; two sisters; and five brothers.

Funeral services were held at the St. Mary's Baptist Church, with the Rev. Donald Willis officiating. Burial, with Masonic rites, followed in the Bazeltown Cemetery.

James R. Morris died August 25 at a Knoxville hospital. He was a millwright in the Plant and Equipment Division. Mr. Morris had worked at ORNL for over 26 years.



Mr. Morris

Survivors include his wife, Mrs. Nancy Duke Morris, 200 Bel-Aire Drive, Concord; a brother, Russell Morris, Brownsville, Tenn.; a niece and two nephews.

Funeral services for Mr. Morris were held August 26 at Mann's Chapel in Bearden, with the Rev. David Maude and Dr. A. E. Dallas officiating. Burial followed at Oakland Cemetery in Brownsville.

RETIRED ORGDP MAN

Raymond D. Newman, retired Oak Ridge Gaseous Diffusion Plant supervisor, died at his Norris home August 26. He is survived by his wife, one daughter and one son. His mother, two sisters and three brothers also survive. Funeral services were held at Norris Memorial Gardens.

Next Issue

The next issue will be dated September 20. The deadline is September 12.

Cecil L. Shepherd, ORNL's Chemical Technology Division, died at his home on August 20. Mr. Shepherd was the assistant chief of operations in the Transuranium Processing Facility.



Mr. Shepherd

Mr. Shepherd worked at ORGDP for eight years before coming to ORNL in 1952. He was originally from Campbell County but attended school in Oak Ridge and Karns. Mr. Shepherd studied chemical engineering for two years at The University of Tennessee. Although he did not earn his degree, he was recently notified that he would receive the title of certified engineer.

Mr. Shepherd is survived by his wife, Mrs. Doris Strange Shepherd, 346 Murray Drive, Knoxville; a daughter, Sandra; two sons, Dennis and Larry; his mother, Mrs. Mary Shepherd; a sister and a brother.

Funeral services were held August 22 at Ridgeview Baptist Church in Knoxville with the Rev. Edwin Cloud and the Rev. George Gilbert officiating. Interment followed in Greenwood Cemetery.

Richard M. Siler, Y-12's building services, died August 10, in Oak Ridge. He was a native of Rockwood, and had worked in Y-12 approximately four years.



Mr. Siler

Mr. Siler served in the U. S. Navy, and was a graduate of Rockwood High School. He lived at 113 Spellman Avenue, Oak Ridge. He is survived by his parents, Mr. and Mrs. Columbus Siler; three sisters and two brothers.

Funeral services were held at the Spight Chapel, AME Zion Church, Rockwood, with the Rev. Curtis Caldwell officiating. Burial followed in the Oak Grove Cemetery.

FORMER ORNL EMPLOYEES

Four former ORNL employees died recently.

Don A. Easter died in a Loudon Hospital in June. Mr. Easter was a laboratory technician in the Chemistry Division. The Easter home is at Route 2, Lenoir City.

Arthur Jackson worked at ORNL from 1944 to 1970. He was a material handler in the Plant and Equipment Division. Mr. Jackson died August 17.

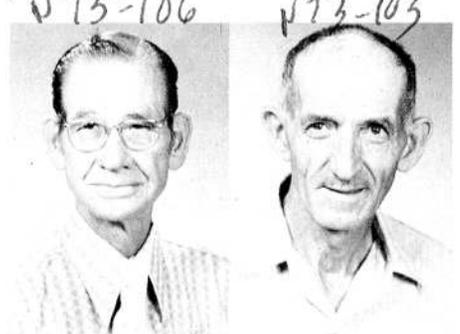
Vestal O. Sanders retired from the Plant and Equipment Division in 1967. He died on July 19. The Sanders home is at 4412 High School Street, Knoxville.

Emil C. Sienknecht retired from the motion picture department of the Public Information Division in 1968. He died August 23 at a Knoxville hospital. Survivors include his wife, Mrs. Grace A. Sienknecht, 4521 Millertown Pike, Knoxville, two daughters, a son and three grandchildren.



Division Retirees

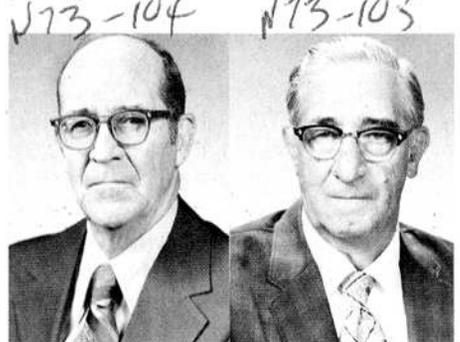
Five Y-12ers will retire this month and next, ending long careers with Union Carbide. Orval A. Holeman, in Fabrication's materials shop; and Ellis W. Mynatt, Area Five maintenance, will retire at the end of this month. Wade K. Jackson, materials transfer and packing; H. Y. "Penny" Keene, medical department; and William C. Walker, alpha five processing, have elected early retirements.



Holeman Jackson

A native of Oklahoma, Orval A. Holeman came to Y-12 in 1954. He worked in the aircraft industry in California and Kansas before coming to Tennessee. He lives on Crippen Road, Route 27, Knoxville.

Wade K. Jackson, born in Coalfield, now lives at Route 2, Oliver Springs. He came here in 1951, and worked with the Fork Mountain Coal Company before joining Union Carbide.



Mynatt Walker

Ellis W. Mynatt, a native of Knoxville, worked with the Knoxville Iron Company, before coming to Y-12 in 1944. He lives on Route 7, Barnard Road, Knoxville.

William C. Walker, who will retire October 1, is a native of Summertown, Tenn. He worked with a mining company in Kentucky, Tennessee Products, and the Tennessee Valley Authority, before coming to Y-12. He presently lives at Route 8, 213 Pat Road, Concord.



Mrs. Keene

H. Y. "Penny" Keene, a native of Macon, Ga., is a registered nurse, laboratory technician and X-ray technician. She is a graduate of Druid City Hospital, Tuscaloosa, Ala.

Mrs. Keene worked with the Druid City Hospital, and the Tennessee Valley Authority, before coming to Y-12 in 1944. She plans to travel some with her husband (Oliver, who retired from Y-12 last year). They live at 17 Outer Drive, Oak Ridge.

Three ORNLers retired August 31 with a total of over 70 years of company service.



Spoon Mrs. Stowers

Raymon H. Spoon was a utility mechanic in the Plant and Equipment Division. During retirement, he plans to take it easy and do as little work as possible. Spoon and his wife, Lines, live at 3201 Henson Road, Knoxville.

Cara L. Stowers, Chemistry Division, is originally from Hartwell, Ga. Mrs. Stowers enjoys gardening, cooking and watching football and baseball games. Now that she is retired, she plans to do some traveling and volunteer work. The Stowers home is at 2633 Parkview, Knoxville.



York

Arthur S. York was a sheetmetal worker in the Plant and Equipment Division. He and Mable, his wife, enjoy fishing and visiting friends and relatives. They live at 373 Robertsville Road, Oak Ridge.

UT evening school sets commodity class

The U. T. Evening School is offering a special course in commodity trading in Oak Ridge during the upcoming fall quarter. The class meets for 10 weeks from 6:30 until 8:30 p.m. on Thursday, and begins September 20 at the Oak Ridge High School. The instructor will be Phil Baggett, commodity specialists with Merrill Lynch. Registration information may be obtained by calling Knoxville 947-5361.

You are asked to give only once a year, through the United Way. Thanks to you, it's working!

E. C. Clevenger, OCAW leader, dies; led union for nine years

Ernest C. Clevenger, president of the Oil, Chemical and Atomic Workers International Union here for the past nine years, died at the Oak Ridge Hospital August 20.

A native of Cocke County, Tenn., Mr. Clevenger first came to the Oak Ridge area with Stone and Webster Engineering Corporation. He joined Union Carbide in 1945, and was granted a leave-of-absence in March, 1964, when he was named president of OCAW. As a member of OCAW, he served as steward, committeeman, division committeeman and then president.

Mr. Clevenger is survived by his wife, Edna Hills Clevenger; 106 West Dalton Road, Oak Ridge; a son, Glenn S. Clevenger; a daughter, Linda Clevenger; a brother and three sisters.

Funeral services were held at Martin's



Ernest C. Clevenger

Funeral Home in Oak Ridge with burial in Oak Ridge Memorial Park.

The Oak Ridger said of Mr. Clevenger: "While first and always a union official, he was also quite aware of the union's responsibilities beyond the membership itself. He was particularly cognizant of the need for union support for such community projects as the United Fund.

"There is much cause for the OCAW membership and the total union community in Oak Ridge to mourn Mr. Clevenger's death. There is equal cause for them, in his memory, to carry on union business with the same vigor, dedication and responsibility that was characteristic of him."

Winter classes set in secretarial skills

The Oak Ridge Chapter of the National Secretaries Association will again sponsor classes for office employees. The quarter is scheduled to begin September 6 and run through April, 1974.

Courses in each of the six sections of the Certified Professional Secretary's examination will be offered. Included are: environmental relations, secretarial procedures and administration, economics of management, financial analysis and the mathematics of business, business and public policy, and communications and decision making.

Information concerning class schedules, registration and applications for the CPS examination, can be obtained from Bettye Burns, Oak Ridge CPS Service Chairman, at extension 3-1306.

YOU CAN DO SOMETHING TO STOP POLLUTING OUR AIR

Concerned about the ecology and want to do something about our environment? Join a car pool.

Most ecologists agree that the automobile is the main polluter of our modern age. So, if you cut down on autos, you cut down on pollution. Simple, isn't it?

The Nuclear Division News will help you join or form a car pool. Just give us a call . . . we'll do the rest.



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