



THIS MAINTENANCE GROUP OF THE RESEARCH SERVICES DEPARTMENT HAS ESTABLISHED an excellent safety record during recent months, during which time it has materially decreased its accident rate. Standing, from left, are Foreman H. G. Simerly, L. C. Hargis, J. L. Crawford, J. B. Strickland, L. Richardson, B. C. Blitch and J. E. Hammond. Seated are H. B. Whitmore, R. L. Young, W. A. Fillers, E. E. Fields, S. H. Franks, H. E. Henderson and T. W. Breazeale. Group members absent when picture was made were J. D. Campbell and C. W. Lunsford.

## '43 Club Charter Closes At Meeting On Thursday

The rapidly-growing Oak Ridge '43 Club will hold a meeting tomorrow night, Thursday, April 9, at the Davis Cafeteria in the Downtown section. A special "43 Dinner" has been planned by the cafeteria to be served from 7 p.m. to 7:30 p.m. and the business meeting is scheduled to start at 8 p.m.

## AIEE To Hear Talks On Computer Control

Researchers, Inc., Men On April 9 Meeting

Two officers of George A. Philbrick Researchers, Inc., will speak at a meeting of the Oak Ridge Section of the American Institute of Electrical Engineers tomorrow night, Thursday, April 9. The meeting will be at 8 o'clock in the Coral Room of the Ridge Recreation Hall. The visiting speakers will be Bruce Seddon, technical director; and Daniel H. Sheingold, director of applications engineering, for the research firm.

### Equipment To Be Shown

Their talks will apply to analog computer techniques applied to industrial instrumentation and control. The subject will include a general discussion of the circuit philosophy that hinges around the operational amplifier concept. The particular problems involved in applying operational amplifier methods will be treated in detail. The talks will be illustrated by demonstration of operating equipment that will be on hand for examination.

A special invitation to attend the meeting is extended by the AIEE to members of the Instrument Society of America.

### Speakers Are Authorities

Seddon is a recognized authority in the field of electronic control systems and circuits. He attended Purdue University and graduated from Washington University, St. Louis, Mo. He has been with Philbrick Researchers for about two years, previously having been with General Electric. Sheingold has been with the Philbrick concern for about 10 years. He received his B.S. Degree from Worcester Polytechnic Institute and his M. S. from Columbia University. He has specialized in development and application of electronic analog computing components and techniques.

## Data Report On Spouse Is Required Of Y-12ers

All persons who possess Atomic Energy Commission security clearance are required to furnish data concerning their spouses. This applies to persons who marry after submitting a Personnel Security Questionnaire as applicants for security clearance. Should an employee marry or remarry, the Y-12 Security Department, Bldg. 9704-2, must be notified. Instructions will be given for completing the necessary "Data Report on Spouse" form.

### OXYGEN PRODUCTION UP

William M. Haile, president of Linde Company, Division of Union Carbide Corporation, has announced that the Company plans to increase its oxygen production by 20 billion cubic feet this year. He predicted that the Company's sales of oxygen and other industrial gases would increase from eight to 10 per cent over last year's sales.

## Report On Foreign Travel Is Required

### Vacationers Cautioned On Security Interests

During the summer months many Y-12 employees probably will plan vacations or business trips outside the continental limits of the United States. Those who travel to Canada, Mexico, or United States territories and possessions are not required to report such travel unless it is planned to attend an educational institution, be employed, or travel at Company expense. Otherwise, travel outside the continental United States, including such places as Bermuda and Cuba, must be reported to the Y-12 Security Department, Bldg. 9304-2, as far in advance of the travel as possible.

Vacationing employees should always be aware of their personal security responsibilities. Any circumstance that may constitute a threat to the personal safety of the traveler or to the security interest of the Atomic Energy Commission should be immediately reported to the nearest appropriate United States diplomatic representative.

## Last Audubon Screen Tour Program Set For Thursday

The final program of the 1958-1959 season of the Audubon Screen Tours will be presented tomorrow night, Thursday, April 9, at the Jefferson Junior High School. The presentation will be a color motion picture by George Regensburg, Trenton, N. J., on "Little Known New Jersey." The film will show little seen wildlife of the Garden State.

The Audubon Screen Tours are an educational project of the Oak Ridge Conservation Club. The club has signed to bring the tours back to Oak Ridge for the 1959-1960 season. A. H. Patterson, former Y-12er, will succeed Evan Means, of Research Services, as chairman of the Screen Tour Committee. Means has served in this capacity for the past three years.

## Spring Clean-Up Week Observance Set For Y-12 Plant April 19-25

### Making Premises Cleaner And Safer Place To Work Is Objective Of Annual Campaign

"Let's keep Y-12 looking fine—during all of 1959."

That's one suggested slogan for the annual observance of Spring Clean-Up Week activities in the Y-12 Plant Area, set this year for April 19 through April 25. During that period, every section of the plant will be expected to "dig out" from under whatever accumulation of rubbish and trash that developed during the winter months.

As usual, the Spring Clean-Up Week campaign will be directed by the Fire Department and Fire, Safety and Security Coordinators of the various divisions throughout the plant. The clean-up campaign will be planned and discussed at divisional and group safety meetings with the overall objective being the same—to make the Y-12 Plant Area a cleaner, safer and more pleasant place in which to work.

### Hazards To Be Sought

To attain this goal a concentrated search for any fire and safety hazard that may exist in the plant will be waged. During the winter months much rubbish and material no longer needed has accumulated both inside and outside buildings—and its removal is a big step toward eliminating hazards that might result in personal injuries as well as damage to plant property.

Elimination of the hazards will be a great step forward in keeping the Y-12 accident-free record intact. Over the past week end the safety scoreboard showed the Y-12 Plant Area nearing the 5,000,000 man-hour mark without a disabling injury.

Inspection committees are to be appointed in every department to thoroughly check all work areas. Attics, basements, laboratories and shops usually need a complete cleaning—and with cooperation of every Y-12er the various areas in every nook and corner of the Y-12 Plant can be made spick and span.

### Findings To Be Reported

These committees should give special attention to offices, locker rooms, lockers, work shops and tool rooms, boiler rooms, vaults, laboratories, aisles, exits and stairways, access to fire fighting equipment, loading platforms and docks and premises around buildings. The committees will report findings before and after Clean-Up Week so that progress can be noted.

The Maintenance Division will assist in the Clean-Up campaign by removing accumulated trash and rubbish. A call to the Salvage Department, plant phone 7972, will bring assistance in this removal of excess material.

As an added protection against

fire, refresher courses should be given all employees to insure that they know the location of fire extinguishers and how to use them, location of other fire fighting equipment, location of fire alarm boxes and how to turn in a fire alarm.

Although Spring Clean-Up Week observance is about two weeks off—it is not too early for all Y-12ers to look around and see what they can do to help in the campaign to—

"Keep Y-12 looking fine—during all of 1959."

## Metals Body To Hear National Trustee

### Chapter Past Chairmen To Be Honored April 15

The Oak Ridge Chapter of the American Society for Metals will honor its past chairmen and national officers at a meeting next Wednesday night, April 15. The meeting will be at the Knights of Columbus Hall, Oak Ridge, at 8 o'clock. A dinner at the Alexander Hotel will precede the business meeting at 6 o'clock.

Merrill A. Scheil, national trustee of the American Society for Metals, will be guest speaker. His subject will be "Aging Treatment Effects on the Corrosion of Austenitic Stainless Steel." He will discuss the effects of stabilizing and aging treatments on the intergranular corrosion of various stainless steels as determined by the boiling nitric acid test.

The speaker obtained his B.S. and M.S. degrees from the University of Wisconsin. He is observing his 30th year of service with the A. O. Smith Corporation, Milwaukee, Wis.

## Civil Engineers Will Hear Talk By Y-12er Thursday

Gustave J. Angele, Y-12 Plant sanitary engineer, will speak at the monthly meeting of the Oak Ridge Branch of the American Society of Civil Engineers at 8 o'clock tomorrow night, Thursday, April 9. The meeting will be in the Blue Room of the Ridge Recreation Hall.

The Y-12er's subject will be "The Prevention and Control Methods to Protect the Filtered Water Supply of the Y-12 Plant." Slides will be shown to illustrate the talk. The public is invited to attend.

### UCC PLANS ITALIAN PLANT

Union Carbide Corporation will build an ethylene oxide plant near Prioli, on the southeastern coast of Sicily, to be ready for production next year. The new plant will produce chemicals and plastics with an annual capacity of 26,450,000 pounds.

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated  
143 Days Or  
4,541,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling Injury  
Through April 5  
Phone 7755  
For Daily Report On Accident-Free Hours

# The Bulletin

Published Weekly By And For  
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Beverly Ann Brown

## Daughter Of Y-12er Winner In Spelling Contest By FBLA

Another charming daughter of a Y-12 employee has won scholastic honors against strong competition. She is Miss Beverly Ann Brown, whose father is John Brown, of Production Control.

Miss Brown, 17, is a senior at Oak Ridge High School and recently won the state spelling contest sponsored by the Future Business Leaders of America at the University of Tennessee in Knoxville. As a result of her accomplishment, she will go to Washington, D. C., in June to compete in a nation-wide contest, also sponsored by the FBLA.

## ORNL Division To Hold Dinner Dance On April 17

The annual dinner dance of the Analytical Chemistry Division of the Oak Ridge National Laboratory has been set for Friday, April 17, according to Gerald Goldberg, an ORNL employee in the Y-12 Plant Area and chairman of the dance committee.

The dance will be a semi-formal affair. A social hour will be held from 7 p.m. to 8 p.m., a buffet supper served from 8 p.m. to 9 p.m. to be followed by dancing to music by the Dave Blessing orchestra from 9:30 p.m. to 1 a.m. The orchestra leader is a Y-12er in Research Services.

Y-12ers are cordially invited to attend the dance and may obtain tickets and reservations from Kay Pressley, Zell Combs, H. Hoisople, Marion Ferguson, Marty McMahon or Gerald Goldberg, all ORNL personnel in the Y-12 Plant Area.

## UCC MAN AWARDED MEDAL

Stanley B. Kirk, former president of Linde Air Products Co. and later vice president of Union Carbide Corporation, has been awarded the Morehead Medal for 1958. The medal is presented annually by the International Acetylene Association to the person deemed to have done the most to advance the industry of producing or utilizing calcium carbide or acetylene.



**CADET LIEUT. SAM KING, JR.,** WHOSE FATHER is a foreman in the Y-12 Electrical Maintenance Department, is commander of the Rebel Rifles, cadet company at Tennessee Polytechnic Institute, Cookeville. Cadet Lieutenant King led his outfit at the head of the inaugural parade for Gov. Buford Ellington in Nashville, and in the picture above, in center wearing helmet, is the son of the Y-12er being congratulated by Col. William G. Downs, president of a Reserve Officers Association chapter, on the fine work of the company. Looking on, from left, are Col. C. A. Holmes Eubanks, Capt. Dee Anderson and Sgt. Louis DeVall, all of the T.P.I. ROTC staff. The dog at left is the mascot of the Rebel Rifles—and believe it or not, his name is King.

## Quality Control Body Sets Knoxville Meeting Tuesday

"Philosophical Implications of Quality Control" will be discussed at a meeting of the Tennessee Section of the American Society for Quality Control next Tuesday night, April 14. The session will be a dinner meeting at 7 o'clock at Regas Restaurant, Knoxville. The speaker will be Dr. Paul Olmstead, of the Bell Telephone Company Laboratories. The organization has several members in Union Carbide Nuclear Company units in Oak Ridge. All Y-12ers and others interested in the subject are invited to attend the meeting.

## Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 years of Company Service within the next few days. No Y-12ers will complete 10 years of employment within the next week.

### 15 YEARS

**Burlin V. Pullin**, Mechanical Maintenance, April 10.  
**Robert S. Toomey**, Chemical, April 10.  
**Jack M. Case**, Mechanical Operations Division, April 10.  
**Russell A. Allstun**, General Machine Shop, April 10.  
**Cecil S. Hurr**, Production Assay, April 12.  
**Willie L. Anderson**, Beta Four Heavy Machine Shop, April 13.  
**Cephas Brewer**, Buildings and Grounds, April 13.  
**Virgil W. Raines**, Janitors, April 14.

## Y-12er Elected Officer Of Glassblowers Society

Ernest Boorn, of Y-12 Research Services Department, was elected secretary-treasurer of the Southeastern Section, Scientific Glassblowers Society, at the annual meeting of the group March 27 and 28 in Atlanta, Ga. Tony Zureck, a former Y-12er, was named chairman of the organization; and Lester Norman, also a former employee, was selected as vice chairman.

The Georgia Institute of Technology was host for the meeting. The program included a tour of the Lockheed airplane plant at Marietta, Ga.

No one can afford to be charitable with classified information.

Don't engage in loose talk.



Get well wishes are extended the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

James Leon Wade, Process Maintenance; James Leroy Wade, Process Maintenance; L. G. Whitten, Jr., Production Inspection; C. O. Henderson, Beta Two; J. F. Trent, Z Area; A. A. Baer and G. H. Kesterson, Chemical; V. C. Hemperly, Development Operations; H. E. Fry, Heavy Equipment Maintenance; S. L. Jamruz, Research Services; R. S. Owen and T. W. Lankford, TW Shop; E. Z. Coffman, Sunflower Shop; A. T. Goodwin, Mechanical Maintenance; Chlogene Brown, Production Assay; Rae Chapman, Electrical Maintenance; R. A. Sharp, Janitors.

## Scout-O-Rama Is Planned For Knoxville May 1 And 2

The first annual Scout-O-Rama of the Great Smoky Mountain Council will be presented in the Bill Myer Stadium, Knoxville baseball park, on Friday and Saturday, May 1 and 2. Pellissippi District scout leaders, including troops in Oak Ridge, are assembling a show that will include a cast of thousands of Cub Scouts, Boy Scouts and Explorer Scouts to portray scouts in action with the pageant theme being "Onward for God and Country." About 600 scouts in the show will come from Oak Ridge with the group being directed by Y-12er E. G. Richardson, George Holt and George Sell.

## Rides Wanted, Offered

Ride wanted from 302 West Fern Hill, off Florida Ave., Oak Ridge, to West Portal, straight day. George Caylor, plant phone 7036, home phone Oak Ridge 2-1993.

Ride wanted from North Knoxville to any portal, C Shift. H. A. Tabe, plant phone 7281, home phone Knoxville 4-3668.

Rider wanted from Maryville to any portal, straight day. L. B. Seals, plant phone 7-8261, home phone Maryville YU 2-1443.

Riders wanted from Sweetwater, Philadelphia, Loudon or Lenoir City to any portal, H Shift. L. D. Best, plant phone 7573, home phone Sweetwater 4909 after 7:30 p.m.



Weatherwise, at last, Spring seems to have been sneaking in the back door last week after a lamb-like departure of messy ol' March. So that seasonal ailment, Spring Fever, may soon run rampant around Y-12—which makes a comment by a University of Michigan meteorologist, quoted by the venerable Associated Press, most appropriate. Says he:

"Spring fever is a real ailment caused by the reaction of warm air on the winterized body. As environmental temperatures get higher and higher, the body has to reduce its insulation by enlarging the small blood vessels so that the blood gets to the surface in large amounts."

There is no known cure, the scientist adds, but declares that "the best medicine is loafing."

So be it—amen, is the reaction of this corner.

## TECHNICAL

Old Home Week was observed around the premises last week when a former well-known and popular Y-12er dropped in for a visit. He was **Lew Twichell**, formerly a principal development engineer in the Technical Division until his transfer several months ago to Union Carbide Nuclear Company duties at Sterling Forest, N. Y. Lew visited the Colyum's new gray and green suite and 'lowed as how he didn't like "the big city" so much but was happier "out in the country" many miles from New York. Before departing he entered a years subscription to The Bulletin and picked up a lot of good luck wishes from pals here. "Come again," says the CC.

Speaking of Spring, in Special Projects Correspondent **Jeri Kobisk** reports that in this season their "young man's fancy" seems to turn to thoughts of crew cuts, as evidenced by **Grady Bennett** and other departmental members . . . The exception is **Frank McGuinness**, who is said not to be needing one immediately since he probably won't get his boat launched until September anyhow . . . At the rate the department's roster of boat owners is growing, seems like **Jay Fielden** is organizing a Special Projects Boat Club in addition to his duties with the Knoxville Boat Club and activities with boat shows . . . Fortified by that crew cut, the previously mentioned **Grady Bennett** is expected to invest in a sail boat when yacht-buying time arrives, as he seems to be well qualified to provide propulsion after blowing up 40 balloons for his youngster's birthday party . . . **Bill Sims** has a boat—but he's wishing someone has a 40 horse-power motor to donate to his "navy" 'cause his arms are all weary from pullin' them oars . . . **Larry Rinderer** isn't in much better shape, having a boat that won't float and a motor that won't run. He probably could use **Sam Rea's** system—(who "borrowed" a few nuts and bolts from his car to put his daughter's merry-go-round together) by combining a few parts from his recently crinkled automobile with his nautical enterprise . . . **Harold Williams** scoffs at the SP mariners and took off like a bird to do his shopping in Alabama, North Carolina or some other seaport. (Some folks thought the jaunt a good idea, but as Harold has a single-engined plane they wonder what he'll do when his wife, Betty, decides to have Michigan blueberries and Gulf of Mexico red snapper for dinner) . . . **Bobby Bagwell**, **Ted Newman** and **George Lockhart** continue to resist those aquatic pastimes—Bobby still buys goldfish that leap from the bowl, Ted insists that he prefers his fish on the end of a line and then in a skillet, and non-conformist George sticks to his golf clubs and greens, come rain or come shine.

## PLANT ENGINEERING

Mechanical Engineering reports a couple of vacationers this week—**Leon Scalf** is wielding the hammer and saw on his hamburger drive-in going up in Kingston and **A. W. Brewer** is working on his carport and planting victual seeds in the garden . . . The **Tommy Swindells** were recent hosts to his mother from Asheville, N. C., and his sister from Spartanburg, S. C. . . . The **L. W. McNeils** were in Morristown visiting her parents over the week end on the occasion of her father's birthday . . . **W. I. Galyon** worked early and late getting together and setting up scenery and stage props for the Oak Ridge Junior Playhouse production "Alice In Wonderland" that was presented over the past week end—it is a nice pat on the back for the Y-12er . . . It is understood that **Fred Jones** is looking for a pair of water wings to go with his golfing equipment—seems a bit early, however, for swimming.

## INDUSTRIAL RELATIONS

Medical extends condolences to **Mary Napier**, whose mother died recently in Freese, Va. . . . Likewise to **Sue Williams**, who grandmother succumbed a few days ago in Birmingham, Ala.

From the Boys in Blue and Gray of the Fire and Guard Department comes signals that **Guard T. H. Allison** is vacationing, moving into a new Oak Ridge home . . . Guards **C. H. Nicely**, **George F. McPherson** and **A. T. Barger** gottheheckoutahere without telling of their vacation plans . . . **Lieut. G. A. "Red" May** and his family plan to migrate "down South" during his vacation . . . The Colyum's agent **Liz Campbell** says she's all full of Easter eggs and goodies the bunny left for the family—and just too dern lazy to do anythin' excitin'.

How's about those equal rights? Until a husband can get alimony by crossing his legs and making eyes at the judge—there ain't no such animal.

## MAINTENANCE

Mechanical Maintenance extends sympathy to **R. E. Redmon**, whose father-in-law died recently . . . Also to **F. E. Bean**, whose grandfather succumbed a few days ago . . . Likewise to **A. B. Cassidy**, who lost his mother-in-law recently . . . **Dan Stroud** and family pursued the Easter Bunny all the way over to South Carolina—or maybe it was to show off the new family automobile.

## SHIFT SUPERINTENDENTS AND UTILITIES

**George Kirtland**, D Shift assistant superintendent, and family Eastered with relatives in Decatur, Ala.

**Scotty Elsbree**, Steam Plant, is taking a couple of weeks vacation to catch up on his fishing around Center Hill and other likely spots for angling . . . **L. D. Carlton** is another fishing vacationer.

Spring clean-up all his own and gardening is occupying the time of **E. B. Cox**, Utilities . . . **G. L. Carson** is visiting his mother and father at Oneida, Tenn., while on vacation . . . **E. S. Smith** took off for Tampa, Fla. . . . **W. S. Everett** is satisfied to do his loafing over in Middle Tennessee . . . **A. W. Byford** and **H. R. Cannon** didn't leave forwarding addresses of their vacation hideouts . . . Condolences are extended to the Gilliam family in the death of **H. R. Gilliam**, a former employee of this department.

## MECHANICAL OPERATIONS

While **Ada Hopkins** was doing the fine job of reporting the Shift Superintendent's news in the previous chapter, her hubby, **Clyde Hopkins**, Production Control, was

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**THIS WHOPPER OF A WALLEYED** pike was caught recently from the waters of Watts Bar Lake by J. C. Jernigan, of the TW Shop. The angler used a home-made yellow jig lure to land the lunker, which has been entered in the Y-12 Annual Fishing Contest.

## Softball League To Open On May 4

**Deadline To Enter Loop Is Friday Of This Week**

"Spring training" for Y-12 softballers will get underway soon over at "Pinewood Beach" with the season for the Y-12 Plant League scheduled to get underway on Monday night, May 4, at Pinewood Park, where all Y-12 softball activities have been staged in recent years.

### Seven Teams Are Ready

Representatives of seven teams attended the organizational meeting for the loop last week and prospects are bright for at least one or possibly three more teams to be lined up before the season starts.

The deadline for entering the league has been set for 4 o'clock Friday afternoon of this week, April 17. Any group or department planning to enter a team is urged to communicate at once with the Recreation Department, Room 265, Bldg. 9704-2, plant phone 7100.

Managers of teams represented at the meeting last week were: Harley Law, Reactors; J. D. Collins, Whiz Kids; M. L. Crawford, Generals; E. M. Miller, Rebels; Harley Orange, Slow Pokes; T. A. Picca, team not yet named; and D. W. Daws, team not yet named.

### Whiz Kids Are Champs

In a torrid league race last year the Y-12 Plant Championship was won by the Whiz Kids in the final game of the season over the Reactors by the close score of 6 to 5. The Whiz Kids then went on to win the All-Carbide tournament, beating the Reactors in the final game by 2 to 0.

Team managers wanting to reserve times for practice sessions at Pinewood Park are urged to get in touch with the Recreation Office as soon as possible. The workouts started on Monday of this week.

## D Shift Anglers Set Rodeo April 16

D Shift anglers will try out the fishing on Watts Bar Lake on Thursday, April 16, in a shift fishing rodeo. Action is slated to start at 12:01 a.m. and continue until 5 p.m., with headquarters being at White's Creek Dock.

Prizes will be awarded for the biggest largemouth, smallmouth and striped bass, crappie, pike and rough fish. The prizes will include five Mitchell reels and a spinning rod. A dock prize also will be awarded by drawing.

If in doubt concerning security, ask your supervisor.



## Deadline For Three Golf Loops Friday

**Ridge Loop Teams Must Enter Before April 24**

The deadline for entering three Y-12 Plant Golf Leagues for the 1959 season has been set for 4 o'clock Friday afternoon of this week, April 10. They are the Lenoir City, Deane Hill and Whittle's leagues. The deadline for entering teams in the Oak Ridge Golf League, which will be divided into two groups this season, is 4 p.m., Friday, April 24.

The Lenoir City loop organized with seven two-man teams and hopes to open its season during the week beginning Monday, April 20, with eight or 10 teams. The Whittle's circuit, which will play in Knoxville, had 10 teams set to play when it organized recently and expects to increase its roster to 14 or 16 teams for the season, with competition starting April 21. Over at Deane Hill six teams were ready to go when the loop was organized and it is hoped that from eight to 10 teams will be obtained for this group. This league will begin play on April 21.

In the Oak Ridge situation, it is expected that two loops of from 14 to 16 teams will be formed into Blue and Red Leagues to begin operations on Wednesday, May 6.

## Big Walleye Hit Center Hill Lake

Biologists of the Tennessee Game and Fish Commission have reported that a few walleyed pike have worked their way to the headwaters of Center Hill Lake. Biologists recently tagged and released five big walleye ranging from 10½ to 19½ pounds high up on the Caney Fork River. The average weight of these fish was 15.3 pounds and the average length was 31½ inches.

These waters produced a 21¼-pound walleye in 1957, which at that time was a world's record for this specie.

Understand and comply with security regulations.



**PRETTY GIRLS WIN PRETTY PRIZES.** These four lassies pictured above were prize winners in the recent Y-12 Plant Bowling Tournament. At left is Louise Eubanks who took first place in scratch and handicap singles in the feminine division with scores of 421 and 565. In the center picture, Mary Scott, left, and her partner, Georgia Rader, took second place in doubles, handicap, with 1100. Georgia Rader also won second place in handicap singles with 554. At right is Joyce Gillihan, who took first place in all events handicap with 1652.

## Classic Loop Leaders Have Tough Night On Alleys As Three Top Teams Defeated

It was a rough night in the alleys last Thursday night for the leading teams in the Classic League of Y-12 bowlers. The league-leading Bumpers took it on the chin for a three-point defeat by the All Stars. The Markers took a three-point trimming from the Eight Balls and the Swingsters dropped three to the Smelters. In other matches the Rebels and Sportsmen broke even, as did the Wasps - Tigers and Playboys - Screwballs. The Cubs conked the Wolves for three and the Has Beens routed the Rippers by the same score.

Carl Frazier, Screwballs, came up with the top series scores of the night with 571 scratch, boosted to 667 with handicap. L. G. Freeman, Rebels, was tops with a 245 scratch and 262 handicap game. In team scoring the Screwballs were on top in three classifications, being high in scratch game 953, handicap game 1078 and handicap series 2905. The Bumpers broke through with the best scratch series of the night at 2552.

League standing follows:

Team	W	L
Bumpers	31	13
Markers	28	16
Swingsters	28	16
Rebels	28	16
Sportsmen	27	17
Rippers	24	20
Wasps	24	20
Screwballs	24	20
Smelters	24	20
Eight Balls	23	21
Has Beens	21	23
All Stars	17	27
Playboys	15	29
Cubs	15	29
Wolves	13	21
Tigers	10	34

## Marksmen Hold Top In Pistol League

In Y-12 Pistol League matches fired March 31 the Marksmen held their top position on the ladder by breaking even with the Sharpshooters. The Marksmen took a 500 to 476 scratch edge while the Sharpshooters eked out a 275.023 to 273.450 handicap decision. The Masters took a forfeit from the Experts and posted a 247 scratch and 285.017 score for record. Paul Williams was top scratch gun with 260, followed by Tommy Swindell and T. J. Bush at 250 each. Swindell led handicap individual scorers with 288.730 and Williams was second with 287.776.

In March 26 matches the Sharpshooters took the Experts, 253 to 227 and 285.637 to 284.619. The

## Interest Growing In B.B. League

Considerable interest has been shown by Y-12ers living in Knoxville and vicinity in the proposed formation of a Union Carbide Nuclear Company Golf League for all Oak Ridge UCNC players at the new Beaver Brook Golf and Country Club in northern Knox County. An organizational meeting for the proposed league has been set for 7:30 o'clock Thursday night, April 16, at the Beaver Brook club.

The Beaver Brook Club is located on Cunningham Road about one mile west of State Highway No. 33, the extension of North Broadway from Knoxville. Cunningham Road is just a short distance south of Emory Road, which provides a close route for Oak Ridge players desiring to enter the proposed circuit.

## Archers Will Meet Monday, April 13

All Y-12ers interested in the popular and colorful sport of archery have been urged to attend an organizational meeting for a Y-12 Archery League set for 7:30 o'clock next Monday night, April 13. The meeting will be held at the Oak Ridge Sportsmen's Association clubhouse just off the Turnpike west of Oak Ridge.

Y-12 archery enthusiasts formed an eight-team league last summer and had a pleasurable summer with the bows and arrows.

Marksmen added two points by forfeit from the Masters and fired 502 and 575.023 scores for record. Bush was top scorer in this engagement with 264 scratch and 288.998 handicap. Williams was second in scratch at 253 and Swindell was second handicap scorer with 286.025.

League standing follows:

Team	W	L
Marksmen	29	9
Sharpshooters	24	14
Masters	17	21
Experts	6	32

## Y-12 Teams Place Two In Top Five

**Mavis Koons In Lead In Women's All Events**

Two Y-12 men's bowling teams were among the first five leaders in handicap scoring after the first week end of action in the All-Carbide Bowling Tournament at the Ark Lanes last Saturday and Sunday. Meanwhile, Mavis Koons, one of Y-12's leading feminine pin topplers, took the lead in the important all-events scoring, both scratch and handicap with 1481 and 1796.

The Y-12 teams in the top five were the Markers with 2988 to hold third place; and the Sunflowers in fourth with 2951. The Fire Balls, Oak Ridge National Laboratory, were on top with 3105, followed in second place by the Mixups, Oak Ridge Gaseous Diffusion Plant, at 2998. In fifth place were the Possibles, also of ORGDP, with 2954.

Y-12 failed to place in the first five women's teams in handicap scoring, which were the Payrollers, ORGDP, 2962; Pluddets, of ORNL, 2921; 94ers, ORGDP, 2885; Spotters, ORGDP, 2861; and the Mixers, 2846.

No scratch scorers were available for either the men or women teams at press time of The Bulletin Monday morning.

The tournament will be concluded this week end with the rolling of singles and doubles and the crowning of the All-Carbide champion, the high all-events scorers.

## Balls O' Fire Blast To Bush Loop Lead

The Balls O' Fire blasted their way to the top of the standings in the Bush League of Y-12 bowlers on March 30 by blanking the Hi Balls for four points. The Beavers were bounced out of the lead when they dropped three to the Nine Pins. Bldg. 9212 tightened the race by shutting out the Lucky Five for four and SNPFT also obtained four points on a forfeit from the Inspectors. The Alley Choppers and Bees buzzed to a two-point deadlock in the other match.

The Balls O' Fire swept all team scoring honors with a 891 scratch and 1066 handicap game, 2467 scratch and 2992 handicap series. Their leading scorer was Charley Gillihan with a 572 scratch and 656 handicap series. L. Kovach, SNPFT, had the top individual game scores of 222 and 252.

League standing follows:

Team	W	L
Balls O' Fire	38	22
Beavers	37	23
Nine Pins	36	24
Bldg. 9212	34	26
Bees	29	31
Alley Choppers	29	31
SNPFT	27	33
Lucky Five	25½	34½
Hi Balls	22½	37½
Inspectors	22	38

You can influence the security consciousness of many others.



**THREE HARD-ROLLING BOWLING TEAMS** in the Classic League are pictured above. At left are the Eight Balls, squad members being, from left, R. W. Hagood, J. A. Whitten, Bob Martin, Howard Horne



and J. W. Towle. In the center are the Markers, the standing maple maulers being Jim Bartholomew, D. Troutman, Bob Jago and J. P. Smith. Seated is John Boyd. At right are the Wasps, from left being



C. Spradlin, E. Henck, F. Clabough, J. D. Davis and R. P. Wallace. In the last week's play the Eight Balls beat the Markers and the Wasps broke even.

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# First Section Of Curtain Walls Installed On New UCC Building In New York; Surface Of Units Are Of Black Stainless Steel

## Park Ave. Skyscraper To Be 700 Feet Tall

Workmen have completed attaching the first section of curtain wall panels to the steel skeleton of the Union Carbide Building—the newest and tallest skyscraper on Park Ave., New York City. The building is under construction at 270 Park, between 47th and 48th St.

More than 100 curtained wall panels were used to sheath the first five floors on the 48th St. side. Installation of curtain wall units on the remainder of the building will commence in the next few weeks. A total of 495,000 square feet—or more than 11 acres—of curtains will be used.

The building units—first ever to use black matte stainless steel—are self-contained, complete with window frames, spandrel and column panels. The spandrel panels are build as a "sandwich." They consist of a textured stainless steel outer sheet, an impregnated asbestos honeycomb core, and an aluminum backup sheet. A unit is 13 feet high by five feet wide and weigh less than 150 pounds, exclusive of glass. Window glass will be installed in a separate operation.

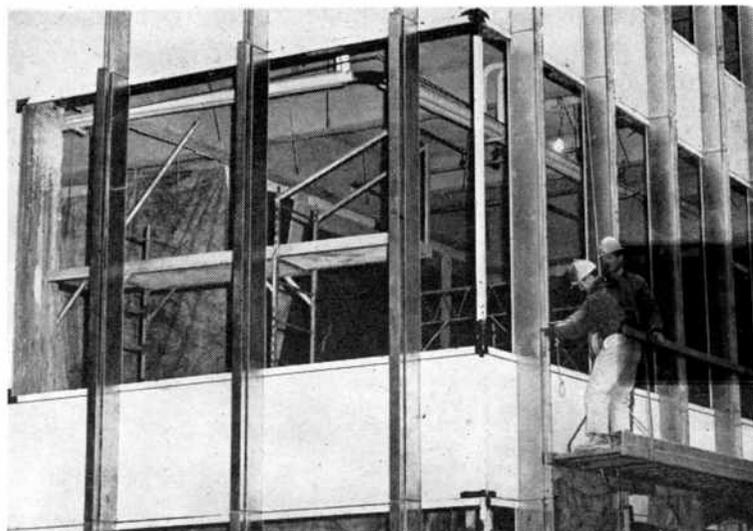
The curtain wall panels are colored black by the Permyron process, a new method of applying permanent color to the surface of metals. The process was developed by Union Carbide Metals Company, a division of Union Carbide Corporation.

**Black Steel Surface Protected**  
The black stainless steel surface of each building unit is protected during fabrication and construction by a strippable plastic coating. This coating will be removed after all the panels have been installed and exterior work completed.

Curtain walls are so named because they keep occupants in and the weather out, but are not needed to help the building up. Use of metallic curtain walls is growing because of the saving in weight and space involved. The walls of the Union Carbide Building are one and one-half inches thick, backed up by fireproof structural steel spandrel beams. If the outer wall had been built of masonry materials, the weight and thickness would have been substantially greater.

When the building is complete, the horizontal bands of black spandrel panels, vertical column panels, and glass windows will contrast with natural-finish stainless steel mullions that will rise vertically the height of the building—more than 700 feet on the tower.

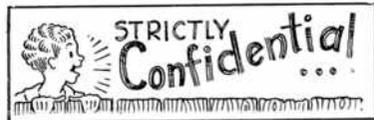
The mullions will be spaced at five-foot intervals, and will serve as tracks for guiding a platform to be used for cleaning the win-



**BLACK IS WHITE.** Black stainless steel curtain wall panels for the new Union Carbide Corporation Building in New York appear white from the strippable plastic coating sprayed on to protect the surface against construction hazards. The plastic will be removed when the exterior work on the building is completed.



**A WELL-SPENT HOLIDAY** was enjoyed by J. W. Stair, left, Product Processing; and his father, right; on Norris Lake on Good Friday, March 27, when they caught this fine mess of fish near the Andersonville Boat Dock. The man in the middle "just happened" to come by when the picture was taken and was pressed into service to help the anglers hold up the center of the string. His name was not learned. The Stairs' haul included 55 crappie and 10 bass.



Continued from Page 2

ambling around Albuquerque, N. M. . . . Meanwhile that department's scribe, **M. M. Dickens**, also wig-wags that **K. E. Nuchols's** wife made a good showing in the women's state bowling tournament in Knoxville . . . **John McGhee** and family rolled their Easter eggs with kin folks in Dayton, Ohio . . . **L. F. Brockmeier** is smacking his chops over that recently acquired country ham . . . **B. D. Lanter** has made a lot of new friends recently—since he went into the ice cream business . . . The group is happy that **Ed Schmidt's** back is better . . . Get well wishes are rushed his way and likewise to **C. M. Jenkins**, recuperating at his home in Kingston after a recent surgical operation on his back . . . Also to the sister of **W. Z. Trimble**, who is critically ill in Pittsburgh, Pa. . . . Newcomers **H. R. Bailey** and **C. B. White** were welcomed into the department last week . . . **Greeta Lualien** has returned from vacation and is the envy of one and all when she reports all her spring cleaning completed . . . **H. Mitchell** is the Proud Pop of the place of late and he and the missus are receiving congratulations on the birth of a 10-pound girl on March 28—no further vital statistics available.

From **Tim Watt's** Sunflower Shop comes word that rapid recovery wishes are sent a lot of ailing folks, including **Walt Sherrod**, **W. F. Henline**, **J. T. Dobbs**, **G. E. Tidwell**, **E. J. Coffman**, **W. E. Cagle**, **P. O. Murphy**, **W. R. Coates**, **A. L. Mann** and **A. E. Lucas** . . . Also to the wife of **R. R. Stokes**—he's baby sitting at home while she is recovering from an illness in the hospital . . . **J. L. Lenderman** was a home vacationer last week . . . **W. J. Grubb** went to Daytona Beach to acquire one of those patented suntans . . . Meanwhile **Richard Dew** is back back from a Florida trip several shades darker than on departure . . . Sympathy is extended **N. C. Wingate** and his wife, who were

called to Essex Junction, Vt., because of the death of Mrs. Wingate's father . . . On the other hand congratulations are in order for **N. B. Bloomer** and his spouse on the birth of a son, Jeffrey Neyle, weighing eight pounds on arrival at St. Mary's Hospital in Knoxville March 26 . . . Likewise to **C. R. Bowman** and his missus on arrival of a daughter, Angelia Marcia, born March 31 at St. Mary's Hospital.

## Chillers, Daffodils Deadlocked In C

In a major upheaval in the C League of Y-12 pin smashers in their March 30 alley antics, the Engineers found themselves rudely ousted from their one-week stay in first place as a result of a four-point white-washing by the Sunflowers. Meanwhile the Chillers and Daffodils drove to a tie for the loop lead, the Chillers cooling off the Knot Heads for four points and the Daffodils dunking the Alley Cats for three. B Shift blasted the Goof Balls for three, the T Squares toppled the Wacos by the same score and Murderer's Row and the Dry Hides deadlocked at two points each.

John "Tudor" Boyd helped his T Squares to their triumph with a 590 scratch and 668 handicap series and the team was tops in handicap game scores with 1094. Al Fisher, Chillers, rolled a 227 scratch game and Bob Jago, T Squares, a 260 handicap game for tops of the night. The Sunflowers posted a 954 scratch game, 2690 scratch and 3084 handicap series.

League standing follows:

Team	W	L
Daffodils	21	7
Chillers	21	7
Engineers	19	9
Murderer's Row	19	9
B Shift	18	10
Sunflowers	17	11
Wacos	15	13
Goof Balls	12	16
Dry Hides	9	19
T Squares	8	20
Alley Cats	6	22
Knot Heads	3	25

Be sure visitors in your work area are authorized.

downs. The spacing of the mullions will also coincide with the building's interior design, which is laid out in five-foot modules. If placed end to end, the mullions would form a stainless steel strip more than 19 miles long.

## Scrappers, 'Cats, N&T Teams Victors

The Scrappy Scrappers and energetic Alley Cats held on to their top spots in the Mixed League last week and the Nip and Tucks snapped out of a slump by hanging a four-point whitewash on to the Phantoms to gain a second place tie. The Scrappers clipped the Clippers and the Alley Cats treed the Rockets, each by three. In the other loop match the Pin Plasters and ABCs rolled to a two-point tie.

Feminine scores were good in the exhibitions last week. Fiz Tucker, Nip and Tucks; and Mary Cusman, Scrappers, tied for scratch game with 173 and Miss Cusman had top handicap game of 224. Fiz went on to roll a neat 500 scratch and 638 handicap series. On the men's side J. C. Bryan, Clippers, topped the scratch scorers with a 213 game and 514 series. A. V. Bible, Rockets, was high handicap bowlers with a 249 game and 605 series.

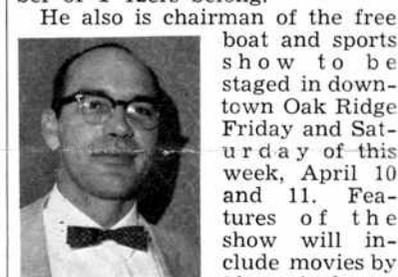
In team scoring it was the Nip and Tucks all the way with 632, 790, 1830 and 2304 across the board.

League standing follows:

Team	W	L
Scrappers	34 1/2	17 1/2
Alley Cats	30	22
Nip and Tucks	30	22
Rockets	24	28
Pin Plasters	24	28
Clippers	23	29
Phantoms	22	30
ABCs	20 1/2	31 1/2

## Y-12er Is Chairman Of Boat Show Set Friday, Saturday

D. L. "Bo" Glovier, of the Y-12 Electrical Maintenance Department, has been elected commodore of the Anderson County Boat Club, to which a large number of Y-12ers belong.



He also is chairman of the free boat and sports show to be staged in downtown Oak Ridge Friday and Saturday of this week, April 10 and 11. Features of the show will include movies by the Anderson County Boat Club and the Oak Ridge Conservation Club, an archery demonstration by the Oak Ridge Sportsmen's Association, casting by Ralph Watson, commercial exhibits and outdoor rigs owned by club members.

This picture of Glovier was taken by Evan Means, of Research Services, a director of the Anderson County Boat Club.

## MAIN DISHES ANNOUNCED FOR SPECIAL LUNCHES

Boston baked beans will be the main dish on the 50-cent Special Lunch to be served at the Y-12 Cafeteria tomorrow, Thursday, April 9. On next Tuesday, April 14, Spanish rice and meatballs will be the entree.



**NEW OFFICERS OF THE NORTHEAST TENNESSEE SECTION OF THE AMERICAN WELDING SOCIETY** are shown above. From left are J. W. Leonard, Oak Ridge National Laboratory, past chairman; Dave Dewalt, Y-12 Mechanical Engineering Department, executive committeeman; T. D. Goodman, Y-12 Development Operations Department, executive committeeman; Bert Searles, Y-12 Mechanical Inspection Department, second vice chairman; H. B. Harlan, Oak Ridge Gaseous Diffusion Plant, treasurer; C. E. Wodtke, ORNL, first vice chairman; K. W. Woody, ORGDP, executive committeeman; G. O. Hoglund, national president AWS; D. W. Hackett, Y-12 Development Operations Department, executive committeeman; E. C. Miller, ORNL, past chairman; T. C. Swindell, Y-12 Mechanical Engineering Department, chairman; F. L. Plummer, national secretary AWS; H. M. Payne, Y-12 Mechanical Inspection Department, secretary. They will be installed at the May social meeting of the group.