



ONCE EVERY FOUR YEARS the month of February has 29 days and for those unlucky enough to be born on that day, it's a long time between birthdays. Here are three Sandians who have been waiting four years for today to roll around. L to R: Woody Reger, 1281, celebrating his ninth birthday; Ken Sutton, 3231, the baby of the trio, has had only six birthdays; and George Reis, 4233, draws a deep breath to blow out his eight candles.

SANDIA BULLETIN

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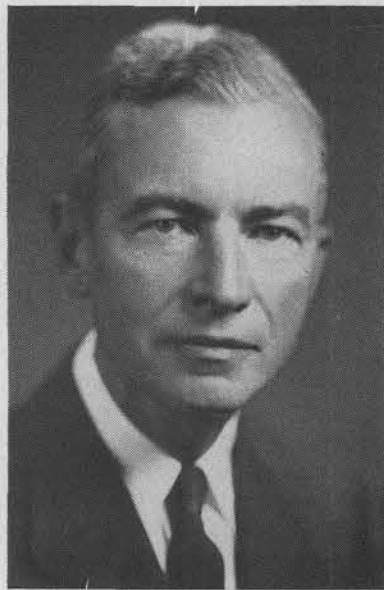
SANDIA CORPORATION, ALBUQUERQUE, N. M.

Feb. 29, 1952

D. A. Quarles Succeeds Mr. Landry As President of Sandia Corporation

Donald A. Quarles, until recently Vice President of Bell Telephone Laboratories, will assume his new duties as President of Sandia Corporation tomorrow. Mr. Quarles resigned his position with the Laboratories to accept the dual role of Vice President of the Western Electric Company and President of Sandia Corporation effective Mar. 1.

George A. Landry, President of Sandia Corporation since its inception November 1, 1949, has been elected Vice President of Western Electric and will take charge of Western's Purchasing and Traffic activities within a short time. During the next two months he will be spending much of his time here at Sandia, and after assuming his new duties he will continue as a director of Sandia Corporation.



Donald A. Quarles

Sandia Laboratory has matured from a relatively small research and development laboratory into a diversified operation which plays a major role in the development and production of atomic weapons. Sandia Corporation now employs more than 4100 people as compared with 1800 employees at the time the Corporation took over operation of the laboratory from the University of California a little over two years ago. Mr. Landry was serving as Operations Manager of the Western Electric Company's nationwide installation forces when he accepted the presidency of Sandia Corporation in 1949. He has been with the Western Electric Company since 1911.

ASME to Judge Technical Papers

Members of the American Society of Mechanical Engineers will act as judges at their next meeting Mar. 19 when five technical papers will be submitted by University of New Mexico students who belong to the Society.

Three of the papers will be selected for submission to a regional Society contest and the winner of that contest will get a \$100 award. The judging on Mar. 19 will be held at the Mechanical Engineering building, University of New Mexico, at 7:30 p. m.

Charles H. DeSelm, 1310, chairman of the Society, will preside.

Club Program for March Includes Dance Instruction and Style Show

Advance reservations indicate that a record crowd will attend the special dance Sunday night, Mar. 9, featuring Frankie Carle and his orchestra. Those who have made reservations are reminded that tickets must be paid for and picked up at the Club office not later than 5 p. m. Wednesday, Mar. 5. Dancing will be from 8 to 12 and the Club will be closed to all except ticket holders from 6:30 p. m. until the dance ends. The charge for members is \$1.50 per person.

Bulging Ballroom

The first ballroom dance instruction session last week was attended by such a large crowd that it was necessary to divide the group into two classes. The second session, also well attended, featured instruction in rhumba, foxtrot and waltz. Next Tuesday evening the group will receive final instruction in the foxtrot, including the jitterbug turn, and will start basic samba instruction. Five Tuesday evening sessions are scheduled and it is not necessary to attend all classes. There is no charge for members.

An informal dance featuring the music of Allen Kline will be held tomorrow night from 9 to 1. The dance is the first of a series of outstanding attractions scheduled for the month of March. Special events include the Frankie Carle dance,

Mar. 23 a Sunday night buffet dinner with fashion show arranged by Hinkel's-Hiland, and a Saturday night fried chicken dinner and dance Mar. 29.

Something New in Bridge

The square dancers are back on their first and third Friday schedule and the Duke City Cowboys will play for dances Mar. 7 and 21.

A new wrinkle has been added to the bridge sessions which will be held Thursday nights, Mar. 13 and 27. The group will play duplicate hands and will be competing for substantial cash prizes. Don't forget the Bingo games, Mar. 12 and 26, and the special pre-bingo spaghetti and meatballs dinner with free refreshments provided by the Club. A fine new jackpot prize is on display at the Coronado Club.

Bernalillo County Red Cross Seeking \$61,000 to Carry on Work For The Year

The American Red Cross, faced with the greatest peacetime call for service in its long history, has launched its annual fund-raising campaign. The Bernalillo County Chapter of the American Red Cross is seeking \$61,000 to help carry on the important work of the Red Cross locally and to help with the services provided for the armed forces.

Solicitation at Homes

Civilian residents of Sandia Base will have an opportunity to contribute at their homes, as they did last year. No solicitation will be conducted within the technical area. Mrs. T. T. Robertson, 3003 W. Sandia Dr., has volunteered to serve as chairman of the residential solicitation team and will be assisted by a group of volunteers who will call upon people in their blocks next Thursday and Friday, Mar. 6 and 7.

Albuquerque residents who are not called upon at their homes are urged to send their contributions to: American Red Cross, Bernalillo County Chapter, 103½ W. Central, Albuquerque, N.M.

Among the many tasks accepted by the Red Cross, in addition to the traditional help to those who suffer as the result of disasters, are:

Providing for instant use, tremendous amounts of blood plasma for the armed forces; training some 20 million persons in first aid in connection with the civil defense program; instructing 100,000 women and girls to serve as nurses' aides; teaching many more thousands home nursing skills, and recruiting more than half a million additional volunteers to aid local defense units and to serve in expanding military installations.

May Be Local Need

If the predictions of some of the weather forecasters materialize, the

City of Albuquerque may experience a flood this spring which could leave hundreds of people homeless, at least temporarily. Should that happen the Red Cross will be on hand immediately to render aid and comfort to those in need, to work closely with other agencies in search and rescue operations, and to assist the sick and injured.

The Red Cross serves all of us, and all of us should help the Red Cross. Give generously and give cheerfully. Remember that the Red Cross depends entirely upon the voluntary contributions of Americans to underwrite its vast program of activity. No funds are contributed by the government and it conducts no revenue producing activities. The Red Cross pin on your lapel will help call the need to the attention of others. Wear it proudly.

Tournaments Are To Be Played at Coronado Club

Ping-pong, shuffleboard and pool tournaments will be played at the Coronado Club this spring if members show sufficient interest in their scheduling. There will be no entry fees for the contests and prizes will be awarded.

If you are interested in trying your skill call C. W. Campbell, ext. 25162. He will make arrangements if there are enough entries.

Sandians In Air Guard Hope To Be Back At Sandia On Job Soon

Over a year ago the people of Albuquerque became even more conscious of the Korean war when the 188th Fighter-Interceptor Squadron of the Air National Guard was called to active duty. Strength figures of this Albuquerque unit were never announced, but Sandia Corporation provided 16 men for the unit.

Today the squadron is stationed in Long Beach, Calif., but individual members who left Albuquerque are scattered across the continent and quite a few are seeing service in Korea.

The Sandians in the 188th report that barring unforeseen events some of them will complete their service not too far in the future. The men who

have prior military service will be eligible for release after 15 months of service.

Following are the Sandia employees who left with the unit Feb. 1, 1951: Stuart C. Breeding, 2452; John C. Evans, 2234; Bruce Gardner, 2334-1; Leonard J. Goodell, 3221; Earl L. Holcomb, 1542-4; William L. Keiser, 2452; Chester J. Krutcik, 2452; Howell B. Lacy, 1531-2.

Daniel M. McKnight, 1613; Jack W. Reed, 1613; Theodore H. Reed, 1613; Donald L. Schrader, 2235; Kenneth D. Smith, 2242-2; Whitney B. Sullivan, 4132; Michael J. Sylvester, 2452; Gary P. Weber, 1910.



THE 188th's CHIEF CLERK, former security inspector Chester Crutcik, is shown here. Chet is a former University of New Mexico athlete.



TWO SERGEANTS OF THE GUARD look up from their desk for the benefit of their former working companions at Sandia Corporation. Stuart C. Breeding, seated, and Gary P. Weber were assigned to the Air Police while on duty with the 188th Fighter-Interceptor Squadron. Sgt. Breeding was a Security Inspector and Sgt. Weber has received his discharge and will report back to work at Sandia in a few days.



CREW CHIEF AND ENGINEER of one of the 188th's planes, Kenneth D. Smith is pictured with Michael J. Sylvester who has been assigned to the Air Police. Both men are Sandians. Sgt. Smith has four men under him and they are responsible for the maintenance of the plane. Prior to being assigned to the Air Police, Sgt. Smith was armament chief and supervised the arming and disarming and repairing of weapons on aircraft.

SANDIA BULLETIN

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Published for the employees of Sandia Corporation, Albuquerque, New Mexico

Editor, Robert S. Gillespie
Assistant Editors, William A. Jenkins, Joann Hillard

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Telephone Ext. 25253



For Those Who Stay at Home

One thing we notice in the letters coming back to us from Sandians who are on military leave is that they are all anxious to get back on their jobs. In most cases, there is in their letters a sentence similar to this, "We enjoy hearing news of our old co-workers and surely will be happy when we are back home on the job." As a matter of fact, exactly 10 per cent of those who have entered service from Sandia Laboratory have now been released to civilian life and all of them have returned to their jobs here.

Those of us who are back here return those words by saying, "It's good to hear from you too, and we'll also be happy when you are with us again."

Almost every Sandia Corporation employee has a relative or a friend somewhere in the world with the U. S. Armed Forces. We have a friend who is commander of a rifle company on the battle line in Korea. You have a friend who daily is risking his life in the Korean air — daring the MIG's. The fellow at the next desk has a brother in Germany where our few divisions face hundreds of divisions, silent but ready. In the next office is a young woman whose husband fought four years of war not long ago and now is back in Africa with the Air Force.

Gradually, as America assumes a greater responsibility in world leadership our fellow countrymen are scattering over the world in the performance of their duty. Some have gone afar and the others have remained here, doing their part at home.

It is not necessary to list the sacrifices which are made on the battle lines. Those men and women offer their lives for their country without question and without reservation.

But as surely as it is necessary for some of us to go away it is also necessary for more of us to stay at home and perform the domestic tasks. And for those who stay at their home front posts there are added responsibilities. We must shoulder our share of the burden in other ways.

A list of a few of our common obligations would include: fighting inflation, paying our just taxes, giving our best abilities to our country, exercising our right to vote, buying bonds, vigorously defending the freedom on which our country is based, and helping those Americans who are less fortunate than we are.

There is no significance to the order in which these obligations are named — they all come under the heading of Being a Good American. And it is the lot of us Americans who stay here and keep the "home front" to be prepared, alert and energetic in our efforts for the country's protection.

First Sandian Into Korean War Back After 16 Months

"It's good to be back," says Tom Vigil who recently completed 16 months of navy service aboard the USS Tortuga in Pacific waters. Tom was working for Sandia in June, 1950, when the Korean war broke out and in July when the Navy started calling the reservists back Tom left for San Diego.

Back now with his old employer, Sandia Corporation, and working in 1932 Tom has many vivid memories of his most recent war. His 16 months of service took him over a great deal of the Pacific and also provided him with his share of action. He was present when the battleship Missouri and cruisers St. Paul, Toledo and Manchester bombarded Inchon.

His ship visited Pusan, he made a trip into war-torn Seoul, and he cruised the coasts of Korea many weeks. Included in all this traveling were many trips to Japan for supplies and periods of rest. His ship visited the Philippine Islands, but he didn't get ashore for the Communist-led Huks were staging an uprising.



Navy Veteran Tom Vigil

During his tour of duty he accumulated many souvenirs which he has turned over to his five children. And recently the Navy sent to him a voyage book which records the journey of the USS Tortuga from the day she was recommissioned until she came back to the states.

"It was all very exciting," he reports, but repeats, "It's good to be back."



Don't gamble with fire—
the odds are against you!

AROUND THE DEPARTMENTS

The recent long week end was well used by the 2520 group. **Rosemary Trinkle**, 2522, visited her navy husband in San Diego; **Jim Hook**, 2520, took the Enchilada Express to Juarez; **Chet Ricker**, 2523, worked around his new home; **Kay Tessier**, 2520, went horseback riding; **Carl Carlberg**, 2521, and family drove to Phoenix and Tucson; **Elmer Irving**, 2522, cancelled plans for Carlsbad and played golf locally instead.

Everyone is on the job again in 3160. **Carol Kirby** is back from her honeymoon and **Marguerite Barnard** has returned after a few days vacation spent settling her new house. Off the sick list are **Helen Culley** and **Margaret Reece**.

Fellow workers are glad to see **Richard Kidd**, 1222, back on the job. Dick spent the past month in the hospital.

The welcome mat is out to **Neysa Koger**, 1222. Neysa recently transferred from 4131.

Sandians skiing in Santa Fe on Feb. 17 included **Bill Hoagland**, **Milt Madsen** and **Milton Jones**, all of 1531.

Eileen Dahlberg, 5311, is spending her vacation at home with her mother who is visiting her from Grand Rapids, Mich.

Montana was the vacation spot chosen by **C. Crisman**, 5313, and his wife, **Lois**, 1931.

Officers in a new Beta Sigma Phi chapter include **Marvie McFee**, 2221-2, as president and **Allene Poin-dexter**, 2221-1, as historian. The newly organized group is Alpha Psi.

It's good to see **Wilmath Carman**, 2222-2, around again after his recent three weeks' illness.

A demonstration of single side-band systems was given recently at a meeting of the Sandia Base Radio Club by **Frank Hoover**, W5LQW, 5221; and **Robert Pegue**, W5QHK, 2122. Ten club members with mobile stations have participated in emergency communications drills during the past month. **Loren C. Watkins**, W5JXO, 1512, has helped engineer and direct the program.

Taking advantage of the long week end to go through the Carlsbad Caverns and to Juarez were **Chuck**, 5431, and **Phyllis**, 2223, **Harris**, **Margaret Whalon**, 2523, and her husband **Johnny** went with them.

The parents of **Bob von Buelow**, 5431, are visiting him from Chicago. Last week end he took them on a tour of Juarez.

There are two brand new property owners in 5431. **Bob O'Connell** has bought a new home at 1411 N. Manzano and **Rudy Stefoin** now hangs his hat at 4709 Headrick Dr.

Six new additions in the household of **Rowena Demaree**, 2532, make the family quite large. The newcomers are Collie pups — five males and one female.

Two employees of 5431 spent their three-day week end in our Land of Enchantment but away from Albuquerque. **Gino Carli** just started traveling toward the southern part of the state. Destination: nowhere in particular! **Bob McConkie** headed straight for Silver City.

It's down the aisle to the strains of the wedding march for **Nate Wineberg**, 2532. Nate is going to give the bride away at his sister's wedding in Chicago. His wife, **Rita**, will accompany him on the trip.

Org. 1951 is glad to hear that "Scotty" **Eichert**, wife of **Fred Eichert**, has recovered from her illness.

Ralph Hoobler, 2232, thought a cat was the solution to his mice problem. He now has five! Anyone looking for some felines?

That smile **Alex McEwan**, 2232, is wearing is due to the visit of his son recently from Morris, Ill. "Mac" says his boy is president of the 4-H club in Morris and without the slightest hesitation will proudly display the 100 ribbons his son has won in contests with his prize cattle.

The long week end was just what **William H. Weaver**, 2232, had been looking for. He managed to break in his Gibson tractor which should have been a relatively simple matter since he spent part of his earlier days busting broncs.

Employees in 2234 are glad to see **C. D. Read** back on the job after his recent illness.

Everyone will be developing all sorts of pains after listening to **Chris Hensley**, 2232. Chris, recently back from a foot operation in the Veteran's hospital, will vouch for the fact that all the nurses are beautiful and the treatment excellent.

A quiet week end visiting her family in Santa Fe is how **Angie Rivera**, 2236, decided to spend that extra day week end which we all enjoyed recently.

C. M. Salazar, Jr., weighing in at 5 lbs. 5 ozs., is a brand new member of the household of **C. M. Salazar**, 2235. Congratulations to the Salazars!

We are beginning to understand why **Edith Irwin**, 2231, is wearing such a happy smile these days. It seems that her traveling husband, who works for Greyhound, is home for two weeks.

After having been in front line action in Korea since last spring, **Cpl. George H. Boyden** is expected home any day. His dad, **Sam Boyden**, 2235, is going around with an ear-to-ear smile anticipating the arrival.

A haven with lots of land, fruit trees, and flowers is how **James H. Martin**, 2232, describes his new home on Rio Grande Blvd. Sounds wonderful!

What better two reasons could you have for a visit to Tucson than a daughter and a granddaughter? **W. Eskridge**, 2234, and his family just returned from a quick trip to Arizona for this purpose.

Jack Underwood, 2232, returned from a vacation in Gainesville, Tex., this week via Greyhound. Jack says bus traveling is good but he still likes his Chrysler.

There's a proud new pappy in 2234. **Benjamin Salazar** is receiving congratulations on the arrival of a little girl.

Sydney Ryan, 2234, left for Mississippi recently to visit his mother who is seriously ill.

Looking rested after vacations at home are **R. J. Beall**, **Fred Callahan** and **V. A. Southerland**, all of 2235.

Anyone wanting information on the "Care and Raising of Grandchildren" just ask **Jesse Parker**, 2124-5. He recently became "Grandpa" for the first time when his daughter, **Barbara**, had a girl.

Following a tour of duty in Japan, **M/Sgt. Hanks** will arrive in California soon. **A. E. Hanks**, 2235, and his family have motored out to meet their son on the west coast.

Newlyweds **Bill Baker**, 1281, and his wife **Laura** are now living on Sandia Base. They were married in Austin, Tex., the first part of this month.

A great big welcome to **Robert L. Thomas** from fellow employees in 1281. Bob transferred from 2463.

Walt, 2533, and **Shirley**, 2143, **Dauphinee** have both their mothers visiting them from Boston, Mass. During the holiday week end they all took a trip to the Carlsbad Caverns, El Paso and Juarez.

Ray Poetzel, 1714, has joined the ranks of the property owners. He has moved into his new home on Leah Drive just a few doors away from the new home of **Ken Boyd**, also of 1714.

Earle George, 1714, is enjoying a visit from his wife's parents, Mr. and Mrs. L. D. Rogers. Their home is on Long Island and they made the trip to New Mexico the long way, coming through Florida where they visited other relatives.

Washington Birthday week end trips were numerous in 1710. **Pete Meigs**, 1714, visited the Ice Caves, Painted Desert, Petrified Forest and Magdalena. **Thelma Renwick** joined the crowds which went south of the border for a few days. **Bob Morgan**, 1716, drove to Aspen, Colo., to try out the snow with his skis. He was accompanied by **Art Eldridge**, 1542, and **Al Stymiest**, 2331.

Congratulations to **Lou Gurule**, 2462, on the brand new daughter in his home. The girl has been christened **Dorothy**.

A tour through the Carlsbad Caverns was on the agenda for **Margie**, 2461-2, and **Bill**, 4152, **Collins** while her mother, Mrs. **Elsie Sellman**, was visiting them from Tulsa, Okla. Their two children accompanied them on their sightseeing excursion.

Everything is on the "Sunny" side with **Louise Seward**, 2461-2, this month. On March 14, Louise is going to sail from New York for France where she will join her husband, "Sunshine" **Seward**, a sergeant in the army.

The **Shoups**, **Ruth**, 2461-2, and **Jack**, 5413, just moved into the Wherry housing area as did **Margie Collins**, 2461-2, and her husband, **Bill**, 4152. Both couples are delighted with having brand new homes.

The 2461-2 office must smell good these days. **Sue Mafit**, who works in that division, went to Juarez with her husband, **Jack**, 3152, and brought back perfume for several of the girls. **Florence Bland**, 2350, and her husband drove them down to the border town in their new green Pontiac.

James T. Brown, 1920, and his wife **Sara**, formerly of 3230, are the parents of a son, **James T., Jr.**, born Feb. 14. Congratulations to the Browns.

Marcella Edwards, 3151, was honored with a miscellaneous bridal shower Feb. 15. The party, attended by the girls in Bldg. 611, was given by **Barbara Hegge**, 3151, at her Inez Addition home.

Geraldine Marko, AEC., made a flying trip to Chicago over the three-day week end.

When the Queen Mary sails from New York on Mar. 7, **Elizabeth "Dee Dee" Smith**, formerly 3152, will be on her way to join her husband, **Sgt. Sherry Smith**, in England. **Dee Dee**, who had been with the Corporation since November, 1949, was entertained with a dinner at the Coronado Club Feb. 18 by the girls in 3150.

Burt Metzger, 3170, and his wife spent a recent week end in Tucson where they attended the Frontier Festival.



Penicillin Is Losing Its Power!

By J. D. Ratcliff

Through improper dosage and foolish use, we are pouring wonder drugs down the drain.

This article is reprinted from the December, 1951, issue of PAGEANT magazine by special permission.

Five years ago penicillin was one of the most glittering words in the English language. It spelled swift, sure cure for scores of once deadly diseases. Today much of the glitter has tarnished. Instead of curing disease, penicillin is more and more frequently causing a host of reactions—reactions that range from mild rashes to severe shock and protracted illness. People are becoming sensitized to the drug—just as they become sensitized to ragweed—and can no longer tolerate it. Microbes are building resistance to penicillin—gradually beginning to live with it and not die from it.

It takes a little searching to find why these startling things are true. Penicillin is being used on a wide-spread and indiscriminate scale that is little short of a national scandal. Supplies kept in bathroom cabinets are being taken for trivial ailments like cold and mild flu. Millions of people are eating the drugs, sniffing it in inhalers, sucking it in lozenge form, and leaning over to receive shots of it in the gluteal muscles.

The same applies to the newer antibiotics that have followed penicillin: aureomycin, terramycin and chloromycetin. These expensive drugs—a short course may cost \$8 to \$10—are being used on a phenomenal scale. At this juncture, let one point be absolutely clear. There is nothing wrong with these drugs—when they are used properly. Indeed, they are every bit as miraculous as they are supposed to be. It is the way people are using them that is leading to trouble.

Production figures of penicillin give a revealing picture of what has happened to that drug. In 1945 the country produced 7,000 billion units of penicillin—and manufacturers feared a severe slump when war's end cut military demands. Instead, production climbed to over 220,000 billion units last year—30 times the 1945 production!

Reasons for this gigantic production—and consumption—are readily apparent. When penicillin first dazzled the medical world it was looked upon as a drug capable of only good. In his 1943 report on the first trial use of penicillin in the U. S., Dr. Chester Keefer of Boston noted that only 3.5 per cent of people who got the drug reacted to it in unpleasant ways. As a rule, these reactions were mild in nature.

As production increased and the price dropped, physicians started using the drug for any and everything. They learned to lean on the drug—and patients learned to demand it. If a patient had a mild fever it seemed safe to give a shot of the penicillin—although the fever would probably have subsided anyway in a day or so. Penicillin pills became the vogue for mild head colds—although the drug is useless against this virus.

As a result of this indiscriminate use millions of people have become "sensitized" to the drug—so that they react to it allergically as they might react to pollens, dusts or danders. Where Dr. Keefer once reported only 3.5 per cent of people as reacting to the drug, physicians are today reporting reactions in 30 per cent or more—with the figure climbing all the time.

One woman, 31, had taken penicillin several times for minor illnesses. Then she received a knee injury in an auto

accident. To be on the "safe" side, the doctor administered a shot of penicillin—to ward off possible infection. The woman's response was serious and immediate. A severe urticaria—hives—spread over her body. Her throat swelled until she could barely swallow, and a serious asthma developed that made breathing difficult. In the words of the physician, the symptoms were "severe and alarming." The woman was ill for a week.

In another case a 40-year-old Alabama man was given penicillin for a cold. He had taken the drug twice before—once on a doctor's prescription, and another time on his own responsibility. Within 20 minutes of receiving an injection of 200,000 units he was in severe shock—rapid pulse, profuse sweating, falling blood pressure.

In a third case, an 18-year-old girl got penicillin for a cold, with no ill effects. A year later she received the drug for a slight ear infection. Joints stiffened until she could hardly move. A fever developed and so did mental symptoms—she heard nonexistent voices.

In some cases it is penicillin itself which causes disease-like reactions. As an example, one 39-year-old woman had a slight nasal congestion. For seven days her doctor treated her with penicillin, and she grew steadily worse. She went to another physician and he diagnosed her trouble as infected ovaries and tubes—and prescribed more penicillin. Finally, in a state of collapse she was taken to a hospital, suffering from nausea, vomiting and uncontrolled diarrhea. Hospital physicians correctly diagnosed her illness. She was reacting to penicillin. Once the drug was stopped, and the woman was placed on a bland diet, she made a speedy recovery.

Writing in the U. S. Armed Forces Medical Journal, Captain Robert L. Gilman of the Philadelphia Naval Hospital warns:

"A reappraisal of the therapeutic use of penicillin and a thorough rationalization of every dose—and amount—should be undertaken. We must abandon the thought current in some quarters that this antibiotic is a cure-all. . . . Not only is the routine use before all operations, dental or surgical, unsound, but the facility with which it is administered for almost every complaint needs to be halted. . . ."

One of the commonest reactions to penicillin and other antibiotics is a severely inflamed and sore mouth. The tongue becomes fiery red and so sensitive that it can barely tolerate hot foods, or salty foods. The soreness may persist for two weeks or longer and can be far more debilitating than the original disease penicillin was supposed to cure.

Sometimes reactions appear immediately—within minutes. Other times they are delayed for as much as 40 days. As a result, many patients with delayed reactions fail to see any connection between the penicillin shot and the itching feet, the outbreak of hives or other reaction they may suffer. There are cases where penicillin has been used to treat the reactions resulting from an earlier course of the drug!

Are people permanently sensitized—so that they can never again tolerate the drug? Medical literature isn't clear on

this point. In some, sensitivity seems to disappear in time. In others, the reactions appears to become more severe each time the drug is taken.

Thus, no one can—for the present—know exactly where he stands. But it seems likely that many people are becoming permanently sensitized by taking penicillin for mild and transient illnesses. If catastrophic illness strikes them—say a severe pneumonia—they will be unable to tolerate the drug.

Drs. Donald B. Pillsbury, Howard P. Steiger and Thomas E. Gibson, of Philadelphia, write in *The Journal of the American Medical Association*:

"It is to be expected that as more and more persons receive repeated courses in penicillin a higher incidence of reactions will be observed. This, in our opinion, is one of several reasons for using penicillin only when there are adequate medical indications."

Yet another point should be made. The body reacts to most disease by building immunity. Sometimes, this immunity is permanent, as in the case of smallpox, and sometimes fleeting, as in the case of colds. This naturally acquired immunity serves a useful purpose, protecting against second attacks of disease. It helps build stronger, more resistant, human beings. Isn't there a chance that penicillin and other drugs taken at first sign of sickness will interfere with this protective process, actually making people more susceptible to disease? Many physicians think so.

There is still another point against the indiscriminate use of penicillin and other antibiotics. Certain bacteria are apparently learning to live with the drug—just as flies are learning to live with DDT.

In the laboratory almost any bacteria may be made penicillin-resistant—simply by adding increasing amounts of the drug to the food of the microbes. In time, they are able to tolerate relatively enormous amounts of the drug.

Fortunately, the microbes of syphilis and gonorrhea are still exquisitely sensitive to the drug. This is not so with another great class of bacteria, the staphylococci—pus producing microbes which cause boils, carbuncles, wound infections, blood poisoning. Today, strains are encountered which will withstand 10, 20, or even 30 times the amount of penicillin which was once calculated to destroy staphs. To combat these strains, physicians must use relatively enormous doses of the drug. This drug resistance is particularly notable in the case of the bacillus which causes tuberculosis.

Where this resistance is leading is readily apparent. Each day, penicillin's ability to cure disease lessens. Watching this situation develop, a prominent surgeon observes: "By this widespread and often foolish use of penicillin we are encouraging development of resistant bacteria. In effect, we may be throwing one of the great drug discoveries of all time down the sewer."

The new rule should be: use penicillin and other antibiotics only when necessary, and then use them in large enough quantity so that all microbe enemies will be destroyed, so that none will be left behind to acquire resistance. If we are wise enough to do this penicillin and other antibiotics will retain their great power for good.



"WINDING UP" THE CLUB'S AERONCA is Kay Rivard, 2461-3, with the president of the New Mexico Flying Rangers, K. B. Roche, at the controls. Mutually-owned, the plane provides economical flying for the members.

Flying Rangers Make Their Hobby Easy, Economical, Safe, But Exciting

How would you like to fly to Gallup for breakfast? It's nothing out of the ordinary for Kay Rivard, 2461-3, who is a charter member of the New Mexico Flying Rangers. Kay is the only woman in the organization and she says the only time that complicates things is when the men decide to have a stag party.

About two years ago Kay's husband, Ivan, learned to fly. "From then on," says Kay, "it was either be a flying widow or take it up as a hobby myself." Now the whole family flies.

Six-Year Old Pilot

Six-year-old David is learning to fly but has a bit of trouble reaching the rudder. "To overcome this difficulty Ivan is making him some stilts so he can reach the pedal. He does very well for his age," says his Mom.

Although a flying enthusiast, Kay does not yet have her license. For the past eight months she has had sufficient solo time and the other requirements for the license—all except the cross country flight. The

compulsory flight must cover 350 miles, about the distance to El Paso and back, and Kay says, "It's a long way to fly by yourself and the towns are so few and far between."

Fly in Formation

The Flying Rangers organized in September, 1951, and now own an Aeronca plane. About half of the members have private planes but when there is an excursion planned they double up and everyone goes along. Formation flying is a favorite pastime and practices are held every week when the weather is good.

Kay especially remembers one trip that the fliers took to Tucumcari. It was in the summer and the group started back but met with more than a little trouble in taking off. The heat made it nearly impossible for some of the planes to gain altitude so they had to "hedge-hop" most of the way back to Albuquerque.

**Your Eyes —
How Much Do You Value Them ?
You have two eyes and will have no more if these are lost —**



Remember —
Your little daughter, running with arms outstretched when you come home — your favorite book — your first view of the Grand Canyon — your first bicycle — your first paycheck — a New Mexico sunset — a frolicking puppy — a banana split — your mother — and a million other things which only your eyes can tell.

What do you think of your eyes?

One Sandian Answers

"How valuable are my eyes?" countered Mattilu Scoggins, 2231, "I can't name a price." And she's right—who could place a dollars and cents tag on so priceless a possession. She always wears safety glasses when working on the job. A splinter, splash of solder, or a flying spark—none holds terror for her.

Mattilu has been working for Sandia for the past 14 months, and prior to that she lived for more than a year on Guam where her husband was stationed with the Navy. During the 14 months here she has worn her safety glasses every day. Mattilu knows how serious an eye injury can be for she is a registered nurse.

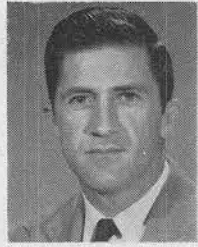


PROMOTIONS

RAYMOND L. BRIN was recently named supervisor of Division 1241. He came here in 1948 from Ohio State University with a B. S. in mechanical engineering. Ray has three years Army service — two years spent at Los Alamos. He also worked for almost a year there after his discharge as an aircraft coordinator. Prior to entering the Army, Ray was a draftsman with two and a half years experience. He also studied mechanical engineering at Illinois Institute of Technology and Wilson Jr. College. He is married and has a year-and-a-half-old son.



RICHARD G. PARKINSON has been named supervisor of Section 1241-2. He is a graduate of Purdue University with a B. S. degree in mechanical engineering. Dick is a veteran of four years service in the U. S. Navy. Prior to joining the Corporation last year he worked for five years as a mechanical engineer for the Horton Manufacturing Company at his home town—Fort Wayne, Ind. Mr. and Mrs. Parkinson are making their home in Albuquerque. They have two daughters aged 7 and 1 and a 4-year-old son.



GEORGE P. STOBIE is the newly appointed division supervisor of 5213. He graduated from Whitewater State Teachers College, Wis., in 1940 with a Bachelor of Education degree and went to work for an electronic manufacturer as final test engineer. After two years he entered the Navy for a three year hitch. After discharge George returned to Whitewater as a chemistry instructor. Six months later he went to work for a television and radio corporation as special projects engineer. George spent two years there and then came to Sandia in 1949. He is married and has two children.

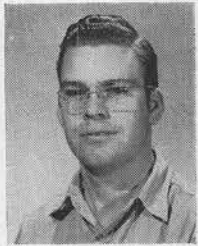


LESSEL E. LAMKIN has been promoted to department manager of 1280. He joined us in 1948 after seven years as general project engineer with Du Pont, Inc., and two years as project engineer with Remington Arms Co., a Du Pont subsidiary. Previously, Les worked as a design engineer for two years with the Utah State Road Commission. He was also chief accountant for a mining company in Utah for two years before entering the University of Utah. He graduated with a B. S. degree in industrial engineering. Les is married and has two children.



One More Sandian Enters Armed Forces

Another Sandian who has gone into service recently is Don Odell, 2461-1. Don expects to be assigned to the Army. He came to us last October after working for almost a year with various Albuquerque firms. Don studied theology at Madison College, Madison, Tenn., before coming to Albuquerque. His home town is Truth or Consequences, N.M.



DAVID C. ROBERTSON was recently promoted to section supervisor of 1232-1. He came to us last July from Cleveland, O., where he had worked for General Electric, Inc. Dave was with General Electric for five and a half years as a development engineer. He began work there after his discharge from the Army where he had spent four years in the Signal Corps. Dave is a graduate of Oklahoma A & M, Stillwater, Okla., with a B. S. degree in electrical engineering. He is married and has three children.



Instrument Society Members to Hear Special Talk Monday

C. Garland Roper, a leading electric and electro-mechanical engineer, will present a talk on Electrical Transmitting and Transducing of Process Measurements at a meeting of the Instrument Society of America on Monday night. Mr. Roper is engineer in charge of electric instruments and aircraft products development of Manning, Maxwell & Moore, Inc., Stratford, Conn. He is scheduled to give an illustrated lecture with demonstrations of actual equipment.



The meeting will be held at the University of New Mexico, Mitchell Hall, Room 102, 8 p.m. The regular dinner meeting of the Society preceding the lecture will be held at the Coronado Club, 6:30 p.m.

Delegate to Be Named

The election of a delegate and an alternate to the American Society of Tool Engineers national convention will feature the regular dinner meeting of the local group. The Society will convene at 6:45 p. m., Mar. 7, at the Franciscan Hotel.

MORE —

AROUND THE DEPARTMENTS

The folks in 3120 are happy to have Mrs. Jimmie Emmons, 3122-1, back on the job after a two weeks' absence. Jimmie and her family were ill at the same time.

A fishing trip to Mexico and the Gulf of California was a week-end venture recently for Sam Johnson, 2232; Paul Krogdahl, 2112-1; Ed Jenkins, 5232; and W. G. Jenkins, 2244, and their wives. They went to Porto Penasco which they made their base of operations.

Kino Bay, near Hermasillo, Mexico, has been visited the past week by six Sandians. Dave Park, 1511; E. W. Peirce, 3120; John Gray, 4141; John Hess, 4132; Ted Alexander, 4231, and C. T. Anderson, 3231, accompanied by three fishermen from Albuquerque are on the fishing expedition which is taking them into the Gulf of California.

Taking advantage of our holiday week end, Geneva Bishop, AEC, visited friends in Silver City.

A great big welcome to Geraldine Hahn from employees in 2410. Gerry recently transferred from 2471.

It's good to have Harry MacNeill and H. E. Anderson back at work in 1951. Both men recently underwent operations.

The welcome mat is out for J. L. Rowe who is now department manager of 2410. Les was formerly in 3210.

Henry Strauss, 3123, has been spending the week at Sun Valley, Idaho, enjoying the country's best ski runs. Henry, a member of the Albuquerque Ski Club, drove north with some of his club members and enroute stopped at Salt Lake City to try some Utah ski country.

Speaking of Reporters

This is the first of a series of sketches on the Sandia Bulletin reporters who write the news about you and your co-workers.

When the Plant Security Department, 2450, was organized back in October 1950, Margaret Gunderson became one of the first reporters for the Sandia Bulletin. Since then she's been a regular contributor to the departmental news column and her ideas have sparked many of the features on members of the guard force.

How to Get News

"Getting news," says Margaret, "is simply a matter of getting to know the people you work with. If people know you're interested in them



they'll come to you with news items you'd probably miss otherwise."

Before she started as a reporter for the Bulletin, Margaret had never had any working experience with newspapers. She was born and spent her early life on the family ranch near Gallup. Margaret's first job was as a bookkeeper with the First State Bank in Gallup. She worked there for two years and then attended the Albuquerque Business College for another two years.

From 1947 until she came to the Laboratory in 1949, she was a stenographer with the New Mexico School of Mines Research Division.

Almost a year to the day after taking over as a Bulletin reporter, Margaret was married to Ember Gunderson, 2331. They live down in the valley now, but it won't be long, Margaret says, before they start planning a home of their own up on the heights.

News From Men in Service

Dennis Cordova, formerly of 2534, is now at Camp Breckenridge, Ky., taking his basic training in a field artillery battalion. He went on military leave from Sandia Corporation Jan. 16. After basic training he expects to go to some service school for further training.

A recent visitor at the Bulletin office was Cpl. Jerry B. Monahan, formerly of 1251, who is now stationed with the Air Force at Stewart Field, Newburgh, N. Y. Jerry is a member of the 42nd Communications Squadron. A graduate of Albuquerque High School, he was in the first drafting class at Sandia. Jerry entered service in January, 1951, and has been stationed at San Antonio, Tex., Wichita Falls, Tex., Cheyenne, Wyo., and East St. Louis, Ill.

Easier and More Efficient Method of Artificial Respiration Adopted

Sandia employees working with high voltage electricity are being taught a new method of artificial respiration. Specially trained men from the Health Hazards Division are giving instruction in the system which has the approval of the American National Red Cross.

The new "back-pressure arm-lift" method has been only recently adopted throughout the country and it replaces the Schafer prone-pressure technique that has been taught to Americans for more than a generation.

Research that led to the change was begun prior to World War II when the Red Cross started extensive studies on various methods of restoring breathing of victims of accidents, drownings and illness.

The Armed Forces also became interested in artificial respiration in connection with poison gas or nerve gas

warfare. About two years ago the Army Chemical Corps assigned four research teams to compare all proposed methods.

The combined research proved that an artificial respiration method suggested years ago by Col. Holber Nielsen of Denmark, with certain adaptations, was twice as effective as the Shafer technique in moving air into and out of the lungs.

Here is how the back-pressure arm-lift method is applied: The victim is placed on his stomach with arms folded under his head and his cheek resting on

Denver Dierks, supervisor of the Safety Section, with the aid of Tony Adler, 2462-1, demonstrates the proper method of applying the newly adopted method of artificial respiration.

Denver is anxious to point out to would-be users

the crossed arms. The operator, kneeling at the patient's head, places his hands on the victim's back so that the thumbs touch each other and the heels of the hands are below a line running between the arm pits.

Keeping his elbow straight, the operator rocks slowly forward until his arms are approximately vertical; then he moves backward, slowly sliding his hands to the patient's arms just above the elbows. The operator continues to rock backward, raising the arms of the subject until resistance and tension are felt at the victim's shoulders. He then

drops the arms and repeats the cycle 12 times a minute.

The Red Cross has found the new method not only more effective but easier to teach and perform than the prone-pressure method. It helps force air into the lungs as well as to expel it, where the prone-pressure forces air out, and relies solely on the elastic recoil of the chest and internal organs to pull fresh air into the lungs.

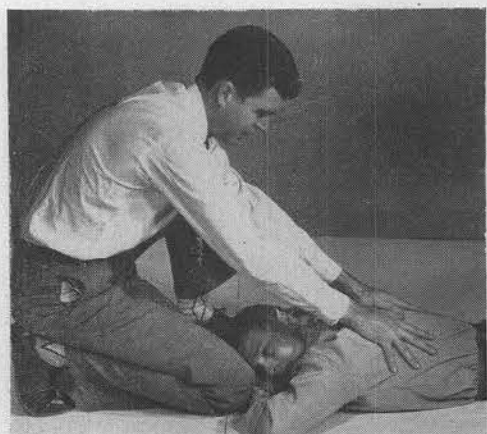
Eighteen organizations have adopted the new method. In addition to the Red Cross, Sandia and the Bell System

of the new system that if they are already trained in the prone pressure (Schafer) method which is used by millions and has saved many lives, they should continue to use it until they have been carefully trained in the new method.

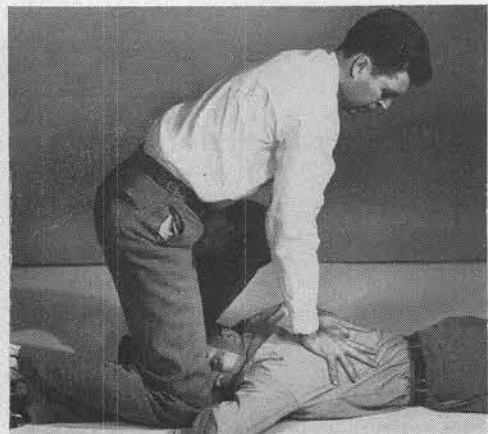
they include all branches of the Armed Forces, Bureau of Mines, Boy Scouts of America, Camp Fire Girls, American Medical Association, Federal Civil Defense Administration, Girl Scouts of the U. S. A., Public Health Service and the Y. M. C. A.

It will be included in Red Cross first-aid and life saving courses as soon as possible. Three million supplements to first-aid and water safety textbooks are now being printed. Supplements will be available through Red Cross Chapters without charge.

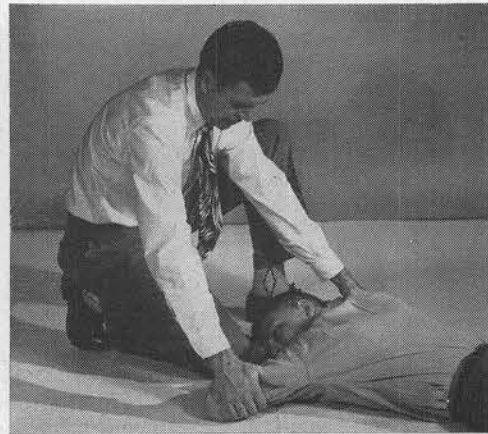
The Red Cross points out that the change-over cannot be accomplished immediately. Millions of persons already trained in the prone-pressure technique, which has saved many lives, should continue to use it until they have received training in the new method from a competent instructor.



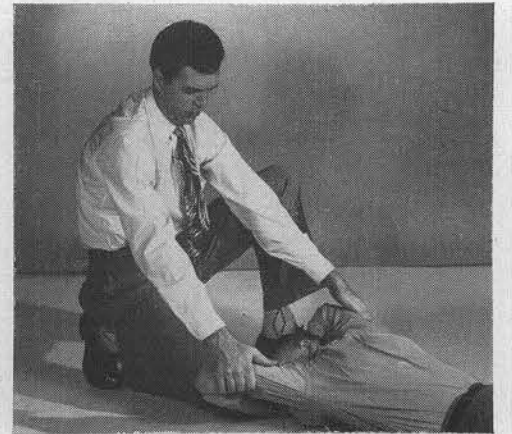
1 Place the heels of hands just below line of armpits, thumbs barely touching, then slowly



2 Rock forward on straight elbows to vertical, exerting steady pressure on the chest.



3 Rock back slowly, sliding hands to victim's arms, just above elbow; grasping arms and continue to rock backward



4 Raise arms until tension is felt; then lower arms, complete cycle. Repeat at rate of 12 times a minute.

Six Shooter Has New Importance

When Sandia Corporation Security Inspectors go onto the firing range it is a far cry from the old days when the long arm of the law was chasing Cochise in the New Mexico wilderness. Gone are the old days of wild firing while careening across the mesa in the saddle. No longer do men pride themselves in a quick draw from an open holster.

According to legend these hard-riding fast-shooting cowpokes of old were expert marksmen. However, historians have come to point out that most of these old timers were poor shots, fired erratic weapons and bragged better

than they could perform.

Things have changed. The quick draw is out. Emphasis is being placed on a cool shooting eye, careful aim and a code of safety in handling weapons.

That's why Sandia Corporation's Security force regularly undergoes rigid range practice. That confidence which comes from having a good weapon and knowledge how and when to use it is instilled into the Sandia Security Inspectors by this firing training.

Accompanying are a few pictures of the Sandians at work on the range—and it is work, and deadly serious as these men demonstrate.



"READY ON THE FIRING LINE," calls Lt. Ray Baxter, Charles Farmer, Wesley Hodges, Lawrence Hooper, far right. Men firing, L to R, are Clifford Colson and Bill Mars.



IT'S A DANGEROUS WEAPON, Sgt. Salvatore Del Valle points out. Listening intently are Reuben Montoya, John Sedillo and Jim Hice.



TWO FIRING POSITIONS are shown by John Flynn, left, and Vivian Montoya. Both men have just fired. John fired from the hip in a crouch position. At the same time Vivian fired from the conventional straight-arm target shooting position. Both positions have their function. The crouch is for emergency fast firing, and the other is for deliberate aimed shots.



INSPECTING TARGETS, Jim Hice and Lt. Ray Hooper decide that the shooting was pretty good.



ANOTHER FIRING POSITION is demonstrated by Paul Littell and John Hooper with the assistance of Lt. Ray Hooper.

Carl and Zipper Exchange Notes; Both Satisfied

Every day a black Gordon setter named Zipper appears at the back door of the Coronado Club kitchen and waits patiently for a bone. One afternoon last month Chef Carl Hermanns gave the dog his daily bone and tied a note on his collar. The note read: "Another satisfied customer of the Coronado Club."

About three weeks later, on St. Valentine's Day, Zipper showed up on time for his regular hand-out, but this time he threw the kitchen into an uproar.

Around his neck was tied a big card which read: "Happy Valentine's Day from a satisfied customer of the Coronado Club."

It was Melva Morse, 13-year-old daughter of Ted Morse, 1530, who wrote the message for her dog Zipper. She says he came home that night with the biggest bone he ever had and Chef Carl reports that Zipper is still one of his favorite customers.

San Diego due to the death of her brother-in-law.

The newest addition to the base is a German Shepherd pup belonging to Claud Woodsie, Chief Boatswain's Mate, U.S.N., and his crew. The pup was given the rate of Seaman No Class and makes his home on the boat dock.

We have two new police officers on the Base. Jackie Sprink, son of Ted Sprink, 2480, and Bobbie McNabney, son of Verne McNabney, 2482-2, have received junior Police Commissions from the City of Westminster, due to outstanding school work.

Keith Parr, nationally known magician, will speak on Publicity and Presentation of Magic before the Magicians Club, Friday, Mar. 7, Franciscan Hotel, 8 p. m.

Weddings and Engagements

Wedding bells will ring sometime in the early summer for Mary Wallace, 2461-2, and S/Sgt. Kyle Williams who recently became engaged. Mary has been with the company two years and is the daughter of Tom L. Wallace, 5413. She attended school here in Albuquerque. Kyle, now stationed at Kirtland Field, went to school in Star, N. C.

Charlene Koons, 2334, was married to RM2/C Fred Cook in an evening ceremony at the Central Avenue Methodist Church on Feb. 14. Rev. Joe B. Scrimshire officiated. The bride is from Dallas, Tex., and Fred's home town is San Luis Obispo, Calif. He is stationed at Sandia Base. Following a honeymoon in Mexico, the couple is at home at 1907 N. Palomas.



Miss Wallace

Mrs. LaRosa



Mrs. Cook

Miss Romero

Dorothy Trigg, 2533-5, became the bride of Sgt. C. J. "Nick" La Rosa in a ceremony at Sandia Base Chapel Feb. 24. Following a reception at the bride's home, 2101 Eton, the couple left for a honeymoon in Kansas City, Mo. Out-of-town guests included relatives from El Dorado and Fort Worth, Tex., and Arcadia, Calif. Dorothy and Nick are now living at 216 S. Stanford.

The engagement of Alice Romero, 2352, to M. P. Cpl. Billy Pyle of Sandia Base has recently been announced. Alice attended Menaul School here in Albuquerque and Billy went to school in Portsmouth, Ohio, his hometown. No definite date has been set for the wedding.

Sympathy

Sympathy is extended to E. Mead Arbogast on the death of his mother, Mrs. Annie Laurie Arbogast. Mrs. Arbogast, a resident of Phoenix, died Feb. 18 at the Sandia Base home of her son.

We wish to offer our sympathy to Bennett Willhite, 1951, and his family. Bennett's father-in-law died Feb. 1 in Missouri. Bennett went back home to attend the funeral.

Employees of Sandia Corporation wish to extend their sympathy to Dan Alvino, 1951. Dan's father died Feb. 6 in New York City. Dan returned to New York for the funeral.

Salton Sea News

Harry Schnarr, 2481-1, and his family returned recently from a week's vacation visiting in Brea and North Hollywood, Calif. Harry says he had a good time but is glad to be home after all the hustle and bustle of the big city.

Joe Omlin, Fire Chief, and his wife Abbie, spent a recent weekend visiting friends in their old home town of Palm Springs.

Stanley "Slim" Pickens, 5214, who lives on the Base has had two of his brothers visit him recently. Grover has just returned from a tour of duty with the Army in Italy and Edgar has just returned from service in Korea. The boys had plenty to talk about as it was the first time they have been together for six years.

Jeannette Young, Fred B. Prophet Company auditor, has returned to the Base from the hospital. Here is hoping for a speedy and complete recovery.

The latest improvement around the Base is the new block wall south of the fire station around the flag-pole area. The Fire Department will plant this area in lawn and flowers. There is nothing like a lawn mower and hoe to keep fire fighters in trim and we are sure this area will do credit to the Base.

Jack Halliday, 1623, Radio Call W5PIZ, created a sensation when he drove his new English Morris Minor out from Albuquerque. Jack is very pleased with his little car. Everyone agrees that it's the car for this country where distances are so great and gasoline is at a premium these days.

Earl "Shannon Ball" Shannon, 1614, is beginning to be his very active self again after a couple of months of being under the weather and the doctor's care.

Mrs. Leota Cain gave the girls in the housing area an afternoon tea on St. Valentine's Day. Those present were Mrs. Emma McClish, Mrs. Bettye McNabney, Mrs. Barbara Dirnberger, Mrs. Hazel Dirnberger, and Mrs. Barbara Pickens.

The base swimming pool, in the patio of the San Felipe Lodge, has just received a fresh coat of pretty blue paint and everyone is looking forward to its being filled with water as the days are getting warmer.

Our deepest sympathy goes to Mrs. Mary Medley, wife of Joe Medley, 2482-2, who was called to



Classified

FOR SALE—

Aluminum boat, 14 ft. "Lone Star," \$250; outboard motor, 5 H. P. "Sea King," \$125; boat trailer, 2 wheel, \$75. The above used only once. Motor has 4 hours on it. Will take \$400 for all three. B. N. Yates, ext. 4263 or Alb. 5-9194.

High chair in good condition, \$6. John Reimholz, ext. 5287.

1948 Pontiac, 8, 2-door Streamline, hydraulic transmission, low mileage, excellent condition, radio and heater, new tires and tubes that are a month old, nylon seat covers. Will take best offer. Wanda Lovell, ext. 33230 or Alb. 4-1949.

Rug, 9' x 12' in a wine color. It is in excellent condition, is three years old. Originally cost \$125, will sell for \$50. Naomi Goodman, ext. 21279.

Two wheel trailer, factory built, 8' x 5 1/2' wide, with side panels 4 ft. high, \$75 with new tarp or trade. Henry Roeder, ext. 26241. See at 1830 N. California.

Dining room table, new English oval mahogany (Duncan Phyfe) with two extension leaves. Original cost \$139.50, sacrifice \$75; combination radio, home recorder, phonograph, broadcast and foreign bands, 9 tubes. Beautiful cabinet, perfect condition, Wilcox-Gay model, \$75. Edward C. Mould, ext. 26225 or see at 504 S. California.

1949 Lincoln Cosmopolitan. This is a fine car in appearance and condition. Must sell immediately. Ceiling price, \$2126. Will take \$1475. Stockton, ext. 7224. See at 8507 Menaul Blvd. in Hoffmantown.

Baby buggy, practically new, \$16. John McCurdy, Alb. 5-4502.

"King" cornet, finest quality instrument, not student quality, \$100. F. Skinner, ext. 23125 or Alb. 5-4690. See at 614 S. Madison.

Hallicrafter Sky Champion S20R, \$40 or trade for small TV set. J. C. O'Neal, ext. 29142 or Alb. 5-1274.

Two bedroom house (with or without stove and refrigerator) in Lee Acres, 6200 N. 4th. Shade, lawn, and garage. G. L. Hutchinson, 826 Floretta Dr. Call ext. 33236 or Alb. 4-1820.

1946 Ford pick up, 1/2 ton, \$600. H. W. Gentry, ext. 33236.

Two bedroom house, completely furnished with attached 1 bedroom apartment (unfurnished) on a completely fenced 60' x 235' lot with 21 fruit trees, \$8500. Call 45593 for appointment. Chuck Martin.

Garland cafe stove, new 6 burner; 24-bottle coca-cola vendor; one 3 compartment sheet metal galvanized cafe sink. See at 2429 Perea Rd., James R. Sawtelle.

1940 Edition of Encyclopedia Americana, \$35; Ten-X shooting jacket, size 40, used twice, \$5; men's western riding outfit, pants and shirt almost new, size 38, in wool gabardine, \$10; will trade for 8 inch table saw and motor or a six volt siren suitable for a car; Elliot Harris, ext. 26154 or Alb. 2-8505.

Hotpoint washing machine, wringer type with pump, excellent condition, \$50; Garratt, ext. 21290.

'51 Bendix Dialomatic Wandertub washer. Excellent condition, suitable for apt. use; C. J. Ricker, ext. 25146.

Venetian blinds, metal Vento-o-Lite, like new, less than half price; one 96" wide x 54" long, \$15; five 42" x 42", \$5 each; one 42" wide x 30" long, \$3.50; one 42" wide x 54" long, \$6; one 24" x 24", \$2; or all for \$45. Littrell, ext. 23125 or Alb. 5-2598. See at 4911 Palo Alto.

Keystone movie camera, double 8 m.m. 2.5 lens, leather case, 4 filters, sunshade, Filmsplicer, 3 roll Eastman color film, all in perfect condition, \$47.50. Harold Kutzeley, ext. 33254 or Alb. 5-3572.

Complete living room of Ranch Oak furniture including rugs and drapes, \$175; Chrome dinette, \$25; all in perfect condition; Goldie Hart, ext. 24245 or 25177.

Two end tables and coffee table in dark wood, \$40; L. E. Mahuron, ext. 25195.

4 practically new General Heavy Duty Puncture Proof Tubes, 6:50-15-6:70-15; cost \$72, will sell for \$40; Joe Hickey, ext. 25149, Alb. 6-1081.

'36 Chevrolet coupe, recently overhauled, excellent condition, \$125; call L. D. Chapman, 2-4168 or see at 3382 52nd Loop.

1949 Harley-Davidson "74", complete overhaul with all '51 parts, painted, excellent condition, \$350 or \$200 cash and take over balance of payments. Call Harry L. Hahn, ext. 26184 or see at 3005 West Sandia Drive.

WANTED TO RENT—

Two bedroom unfurnished apartment or house. Must be on paved street, near bus line and have large living room. J. J. Miller, ext. 25244 or Alb. 5-7716.

LOST—

One earring with pink stones and rhinestones, between Bldg. 892 and post office, was a gift from the children, if found please contact Mrs. Florence Smythe, ext. 23255.

RIDE WANTED—

1109 S. Madison or 1700 block Ridgecrest Dr., Cossette Schrack, ext. 29248, Alb. 5-5365.

Vicinity of 700 block S. Edith. Donna Hensley, Alb. 2-8464.

2025 N. Palomas, Nan Burkett, Alb. 6-3838.

422 S. Amherst or vicinity of Carlisle and Garfield to Ad Bldg. parking lot; call Mable Harry, ext. 3156 or Alb. 5-8397.

7th and Yale; Marie Hunter Terry, ext. 26251, Alb. 3-2115.

321 S. Walter to Ad. Bldg., Elsie Willis, ext. 21241, Alb. 3-4260.

West Central or Art Craft Addition, ext. 26148. Doris Serene.

RIDERS WANTED—

Share rides from vicinity of 3008 E. Marble (near N. Girard) or Altura Addition to Ad. Bldg., R. C. Jackson, ext. 24155 or Alb. 6-0318.

Interested in joining car pool from vicinity of 1421 E. Grand, have own car, Edward Shepherd, ext. 25246.

Riders wanted from 4400 N. 12th to Base; Dewey Blair, ext. 7115, Alb. 4-3674.

Share rides with anyone near 5400 E. Helen Ave., T. O. Dunbar, ext. 26148.

Or will ride from North 4 and Griegos Rd., C. E. Ross, ext. 33236, Alb. 4-2677.

Tight Race Ahead For Leading Spot In Cage League

In the second round of the Corporation Basketball League, 2241 is still ahead by a three game margin. They've played 10 games, however, in comparison to the eight games played so far by fast moving 2461. A tight race for the lead spot seems to be in the offing.

Meanwhile, 2461 itself is being threatened by two teams tied for the number three spot. There's even competition in the cellar, it seems, with 1500 and 2450 battling neck and neck at the bottom of the heap.

Standings are as follows:

Table with 3 columns: Team, Won, Lost. Lists teams 2241, 2461, 2417, 1210, 2123, 3100, 1500, 2450 with their respective win and loss records.

New Employees

A welcome is extended to the following new employees who joined us between Feb. 7 and Feb. 19:

Table listing new employees with names and employee numbers. Includes Harold J. Price, Lyman S. Robbins, Robert A. Milby, Robert P. Crabb, Robert M. Jacob, Donald L. Grisham, Cleavord N. Giles, William J. Craig, Richard A. Poe, Edward C. Hirt, Robert V. Miller, Luther P. Robertson, Jr., James K. Zartman, Ruth Farley, Patricia Joganic, Gloria Silva, Robert E. Isselhard, Queento L. Vandi, John A. Kelley, John E. Marquis, Robert R. Murray, Harold P. Muchowski, Joanne G. Boyd, Margaret L. Mantooth, Maurice E. Grant, Ralph E. McClure, Harvey N. Pouliot, Charles T. Wormelt, John W. Hinson, Jr., Roman C. Garcia, Goebel C. Renfro, Fleta H. Forsman, Ellen E. Roop, Joe M. Benavidez, Jose A. Armijo, Benjamin Moya, Virginia E. Barrett, Cecilia Candelaria, Nathan Knapp, Tommie H. Richeson, Steve Drago, Joaquin E. Chavez, Emil A. Faltus, Peter Peshlakai, Abram Arellano, Pedro Cordova, Monico Martinez, Mary N. Catalo, Emiliano O. Baca, William D. Powers, Jack F. Bashor, Robert E. Walton, Sarah Kinne, Laura E. Rameriz, Robert S. Islas, Geraldine L. Tebbe, Dora N. Sahr, William R. Atkins, James Bone, Betty R. Woods, Jacqueline E. Coker, Tommy E. Crossett, Ansel D. Hinds, Fred A. Collatz, Jr., Glenna L. Miller, Helen L. Griego, Bernice D. Beeson, Nancy Cross, Margaret A. Petrillo, Lorraine C. Schrack, Franklin I. Martin, Ann E. McIntyre, Clarence J. Fleming, Jo Ann Urevitch, Anne F. Barrett, Lois E. Merriam, Doris Serene, Virginia B. Tracy, Elvira M. Antuna, Ernestina M. Navarro, Nanita B. Burkett, Eva Withers, William Goss, Garold L. Fowler, John E. Althouse, Beverly N. Washburn, William W. Rodgers, Margaret S. Bernhard, Edward W. Shepherd.

Rifle, Pistol Shoot Scheduled April 13 As Base Pistol League Draws to Close

With the end of the Pistol League competition in sight, marksmen on the two Corporation teams have fixed their sights on the consolidated shoot slated for April 13.

Final Match Slated

As of last week the Sandia team captained by Dick Freeman, 1243, had won the only match they have had in the League. The other team, headed by Phil Farley, 5431, has won one and lost one. The League, which started Jan. 15 sponsored by the Sandia Base Gun Club, will hold its final match next Thursday. At that time an award presentation ceremony will be scheduled for the top team in the 26-team league.

The consolidated shoot on April 13 will be open to anyone who

works or lives on the base. There will be matches in skeet shooting, big and small bore rifle, and pistol. Medals will be awarded to winners in each of the events and a trophy will go to the person with the highest point score in all four events. The shoot will be held on the Base outdoor range.

Members of the Corporation Pistol League Teams are: Dick Freeman, Terry Riggan, Ren Moore, and Vernon Field, all of 1243; Phil Farley, Harvey McCowen, Bob O'Connell, and Gino Carli, 5431.

Bowling Leagues

WOMEN'S INSECT LEAGUE

Table showing team standings for Women's Insect League. Columns: Team, Team Standings, Won, Lost. Lists teams like Scorpions, Hornets, Fireflies, Black Widows, Centipedes, Lady Bugs, Beetles, Roaches with their win/loss records.

JUNGLE LEAGUE

Table showing team standings for Jungle League. Columns: Team, Team Standings, Won, Lost. Lists teams like Lions, Panthers, Rabbits, Gophers, Wildcats, Lobos, Mustangs, Bears with their win/loss records.

INDIAN LEAGUE

Table showing team standings for Indian League. Columns: Team, Team Standings, Won, Lost. Lists teams like Hopi, Blackfeet, Apaches, Pottawattamie, Arapahoe, Mohawks, Zuni, Navajo with their win/loss records.

Toastmaster Deeter Tabled Top Talker

The winnah! — and champion speaker of the Sandia Toastmasters Club is Lee Deeter, 1282. Lee won the club's speech contest runoff held last



Lee Deeter

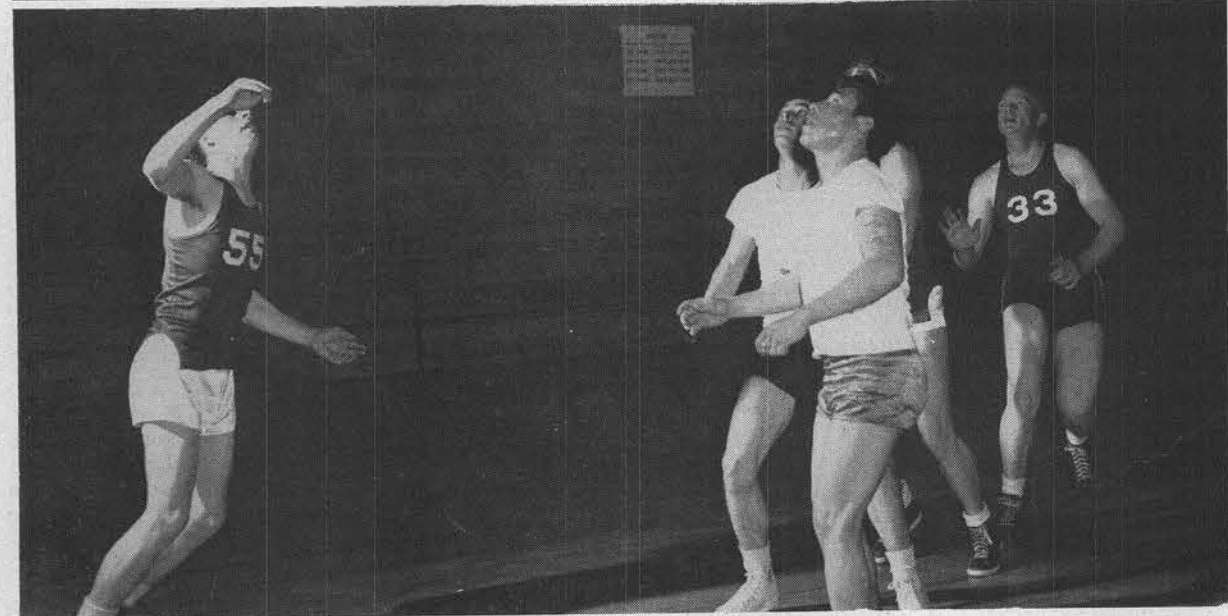
week and on Saturday, Mar. 8, he'll compete with contest winners from three other local Toastmasters Clubs in the annual area competition.

This contest will be held in the Franciscan Hotel at 7 p. m. and the winning speaker will go on to the district contest to be held in April at Santa Fe.

Those who competed against Lee were Ted Sherwin, 3125, who came in second; Ray Thome, AEC; and Eaton Draper, 1240. Gerry Morrisroe, 3122, was alternate.

K. O. Thorp, newly appointed manager of Department 1230, calls attention to the fact that the Bulletin reported that his middle initial was "W". We regret the error and hasten to assure Mr. Thorp that we had no intentions of supplying him with a strange initial.

A Christian Fellowship Discussion Group has been organized by a group of employees. Meetings are from 12:30 to 12:55 daily in the Conference Room in Bldg. 840. Anyone interested in attending the meetings is welcome.



A TENSE MOMENT as Sandia Cagers hold their breath while the ball wobbles around on the rim of the basket. Yes, it was a couple of points for 2461 who went on to win the game 64 to 33. L to R: Roy Brett, 2452; Jerry Cole and Tony Lopez, 2461; Ember Gunderson, 2331, behind Tony; and Homer Ator, 2452.



WAITING FOR THE BALL to come down in a recent basketball game are players on teams 2461 and 2452 of the Sandia Corporation Basketball League. L to R: Bernard Ellis, 2452; Maurice Chavez, 2461; Charles Farmer, 2452; Jack Brown, 2461; and Homer Ator, 2452.