



# SANDIA BULLETIN



Vol. 3, No. 13

SANDIA CORPORATION, ALBUQUERQUE, NEW MEXICO

JUNE 22, 1951



1776 July 4 1951

"When in the Course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth, the separate and equal station to which the Laws of Nature and of Nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.

"We hold these truths to be self evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the pursuit of Happiness. . . .

". . . And for the support of this Declaration, with a firm reliance on the protection of Divine Providence, we mutually pledge to each other our Lives, our Fortunes and our sacred Honor."

Thus read a portion of the Declaration of Independence signed July 4, 1776, by John Hancock, president of the Continental Congress, and Charles Thomson, secretary. And so it reads today.

Our determination to safeguard those rights and privileges is the reason we are at Sandia and the reason our fighting men are on the battlefield in Korea. Our lives are being guided by our faith in God and our adherence to the principles set forth in the Declaration of Independence. The United States stands today as a world leader among nations in a time of grave crisis because we have never lost sight of the high ideals of humanity so eloquently proclaimed in the Declaration of Independence.

Old Glory! Long may she wave,  
O'er the Land of the Free,  
And the Home of the Brave.

## Magicians Produce New Ideas Hoping To Fool Each Other

Old tricks with new twists and new and untried ideas will be presented by members of the Albuquerque Magicians Club at a meeting July 6, in an attempt to stump each other. The group will gather at the home of P. F. McCanless, 120 Arapahoe Ave., at 8 p. m., Leland Sangster, president, has announced. William G. Jenkins, 2241, is expected to become a member at this meeting. Clarence Hickman, 1270, joined the Club at their last meeting on June 1. Other members from Sandia Corporation who will attend are Leland Sangster, 1134; Charles Dodson, 4221; A. H. Spengeman, 4134; James L. Dossey, 1264, and Art Perry, 2462-1.

## Sandia Radio Club To Participate in Emergency Drill

Saturday and Sunday, June 23 and 24, more than 20 members of the Sandia Base Radio Club will participate in an emergency communications drill sponsored by the American Radio Relay League.

The drill will be held near the village of Sandoval, 15 miles northwest of Albuquerque on the Rio Grande. Co-chairmen Bernard Cassidy and Lt. Edward English are urging members to come out for the event, especially the "CW" men. Because of the full weekend schedule caused by the drill the meeting for Monday, June 25, has been postponed.

## Coronado Board Plans Full Recreational Program for Members

The new Board of Directors of the Coronado Club launched a well-rounded program of activities this week, getting into high gear immediately after the spirited annual meeting held June 11.

Dave Tarbox, elected president in a runoff vote, announced the names of chairmen of four standing committees which will carry the bulk of the activity-planning responsibility. Following the precedent set by the retiring board, the president named non-board members to head the committees. Certain board members will exercise general supervision over the various programs, but committee members will be selected from the club membership in an effort to stimulate wider interest and participation.

The committee chairmen are:

Leo Dunn, 1281, entertainment; Ted Sherwin, 3125, publicity; Geneva Bishop, AEC, furnishings and decorations; and Don Jenkins, 3152, bingo.

### Duties Outlined

Vice-president Bill Kraft, a carry-over from the retiring board, will have general responsibility for membership and activities; Earl Pace, new secretary, will serve as liaison officer between the Board of Directors and the Coronado Club manager; and Treasurer Earl Baumgartner will keep the club on a sound financial keel. Other members of the board elected last week are: W. E. "Doc" Rehbeck, Carl Lindquist, Goldie Tibbs, Sam Johnson, Willis Jobe, and L. M. "Jerry" Jercinovic. Harold Sharp and Daniel Worth were reappointed to represent Sandia Corporation and the AEC.

Retiring president Ed Brawley, who conducted the annual meeting, expressed his appreciation for the support and cooperation he had received throughout the year from the Board of Directors. Members of the outgoing board received this week a letter signed jointly by George A. Landry, President of Sandia Corporation, and George P. Kraker, AEC field manager, commending them for their faithful service during the club's first full year of operation.

### Efforts Appreciated

Although such unselfish service brings few material rewards, the letter read in part, "we want you to know that your efforts are recognized and genuinely appreciated."

During the past year the board made only one change in the by-laws of the club. Members rejoining the club after having let their membership lapse now pay only two months back dues, instead of being required to pay dues for the entire interim period.

## Special Birthday Party for Coronado Club Square Dancers

Reservations are now being taken by the Coronado Square Dancers committee, Phil Dailey, Marion Tucker, Ed Frasher, Dick Brown, Bill Dickson and Doc Rehbeck, for the special square dance birthday party to be held on Friday, June 29, at the Coronado Club. The instruction class as well as the regular square dancers is invited. Guests are urged to make their reservations early with admission \$1 per couple to cover the cost of prizes and refreshments. Special entertainment is planned and everyone will have an exceptionally good time.

The regular square dances for July will be held on the 6th and 20th of the month.

## Commodore Worth Named to Succeed Admiral Kraker in Sandia AEC Post



Daniel F. Worth



George P. Kraker

Two changes in assignment of top AEC personnel at Sandia Base have been announced by C. L. Tyler, manager of the Santa Fe Operations Office for the Atomic Energy Commission. George P. Kraker, former Sandia field manager for the AEC, has been appointed deputy manager of Santa Fe Operations to assist Captain Tyler and Daniel F. Worth, Jr., who has been assistant to Admiral Kraker, will succeed him as Sandia field manager.

Commodore Worth, in his new capacity, will represent the AEC in administering the contract of the AEC with Sandia Corporation and also will serve as AEC contact with the Armed Forces Special Weapons Project and the Air Force Special Weapons Command.

A third appointment, affecting the organization at Los Alamos, was announced at the same time. Elmo R. Morgan, formerly assistant to Captain Tyler at Los Alamos, has been named manager of the new Los Alamos field office. He will direct all AEC activities at Los Alamos after the transfer of the Santa Fe operations office to Albuquerque.

Movement of the Santa Fe operations headquarters from Los Alamos will begin in mid-August and transfer of all units will be completed by November 1. The operations office will occupy buildings which now house the West Laboratory of the Sandia Corporation. Organizations now occupying the West Lab will be moved to quarters on Sandia Base.

## Sandia Ordnance, Research Personnel Play Major Role at Eniwetok Tests

An official announcement made last week by the Atomic Energy Commission disclosed the successful completion of "Operation Greenhouse" at the AEC's Pacific Proving Ground located in the remote Marshall Islands on Eniwetok Atoll. The operation was conducted by Joint Task Force Three commanded by Lt. Gen. Elwood R. (Pete) Quesada. The task force was composed of Air Force, Army and Navy units and civilian personnel drawn from many government agencies and contractors of the Atomic Energy Commission.

Sandia Corporation engineering and research personnel played a major role in the operation and reported to Dr. Alvin C. Graves of the Los Alamos Scientific Laboratory, who was deputy commander for scientific operations of the Task Force.

Sandia employees who participated in the vital tests worked many long hours and under difficult conditions to gather a mass of information about new atomic weapons. Sandia Corporation ordnance testing personnel were fully responsible for some weapons aspects of the test. Other responsibilities included engineering and planning of certain test facilities and telemetering of vital test data.

Members of Sandia Corporation's Research Organization were concerned chiefly with the measurement of the effects of atomic weapons on various type buildings. The many months of painstaking preparation and work by these Sandia people was rewarded in achieving complete success of all phases of the Cor-

poration's activities on this assignment.

There were many joyous reunions of families as the last of Sandia's "Greenhouse" crew returned last week. Many are now on vacation enjoying a well earned rest with their families after the many months of lonely waiting. The average time spent overseas by these employees was approximately four months, and several people were away for seven months.

The work performed by Sandia ordnance testing personnel in "Greenhouse" was aided by past experience gained during the Nevada tests performed earlier this year, and from previous Pacific tests at Eniwetok and Bikini. A number of Sandia people who participated in "Greenhouse" had experience on these earlier tests.

## Mrs. A. L. Dyer Is New President of Toastmistress Club

Mrs. A. L. Dyer was installed as president of the Turquoise Toastmistress club on Sandia Base Wednesday, June 20, at the Officers' Club. Other officers whose term will begin July 1 include Beth Krajovic, vice-president; Mrs. A. J. Kruz, secretary; Mrs. C. L. Lindquist, treasurer, and Mrs. E. L. Deeter and Mrs. Nate Wineberg, club representatives. Installing officer was Mrs. L. H. Stradford, junior past president.

# SANDIA BULLETIN

Friday, June 22, 1951

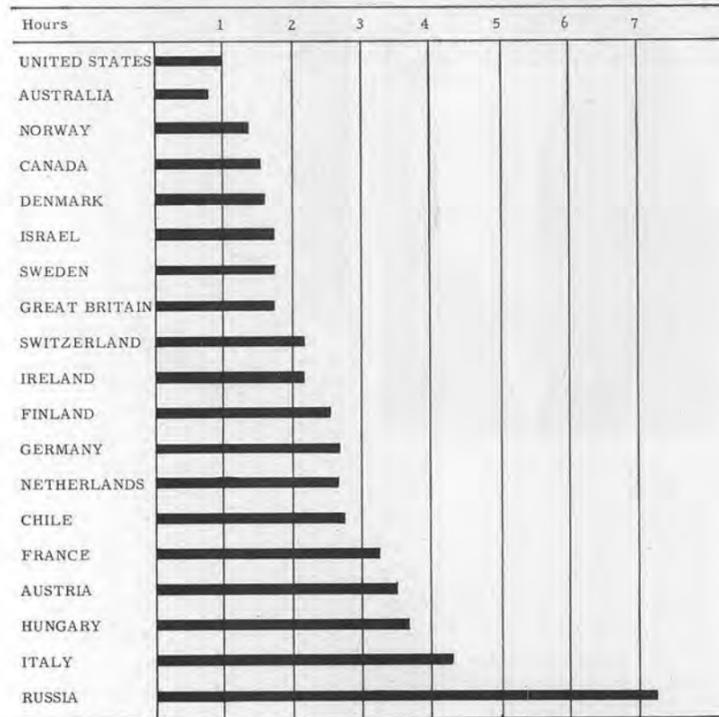
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Robert S. Gillespie, Editor

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Telephone Ext. 25253



## You Work Less to Buy More Food

In twenty minutes the average American factory worker in 1950 could earn enough money to buy a pound loaf of bread, a quart of milk, a pound of potatoes, and a pound of sugar. To purchase the same quantities, the average industrial employee in 18 other countries had to work all the way from 23 minutes in the case of Canada, to 3 hours and 24 minutes in Russia.

These examples are taken from a recent study by the Bureau of Labor Statistics of the relative purchasing power, in terms of food, of the hourly earnings of industrial workers in the United States and a number of foreign nations. A common list of foods was set up, including various items under the general headings of cereals and bakery products, meats, dairy products, and vegetables, and some others. Then for each country an hourly earnings figure was obtained which compares roughly with the Bureau's series on average hourly earnings on U. S. manufacturing. Figures in most instances are for some month in 1950, although late 1949 data were used for a few countries.

The diagram shows the results of the survey, by countries, for all the foods combined. The top bar represents the given quantity of food which could be bought in 1950 with the earnings from one hour's work by the average factory worker in the United States. The other bars indicate how long the average industrial employee in the respective foreign nations had to work in order to earn enough to buy the same quantity of food. As the Bureau points out, such international comparisons are difficult and subject to a wide margin of error. Also, food is only one of the numerous factors affecting the well-being of workers. But since food is the most basic of human needs, the diagram does furnish an interesting yardstick of the scale of living in the different nations.

The work-time required in 1950 to buy a given quantity of food was less in Australia than in the United States, but for all the other countries it was more. In six, it varied between one and two hours, with Norway and Canada leading in this group. Six more nations fell between two and three hours, and in the remaining five the work-time was more than three hours. In Russia, as indicated by the lowest bar, industrial employees had to work more than seven times as long as those in the U. S. to buy the same amount of food. The survey also shows that purchasing power of hourly earnings in terms of food advanced more in the U. S. between 1937 and 1950 than in most of the foreign countries.

As between nations the true comparison of living-standards is not what citizens earn, but what they can buy with their incomes. Under our private enterprise system, with its constant emphasis on the development of new and better tools of production, the scale of living of American workers has advanced for many years to a point which today is well ahead of that for the world in general.

## Coronado Club Schedule

- (Clip this program for handy reference)
- Saturday, June 23—Summer informal dance, Joe Cata orchestra, 9 p. m.
  - Tuesday, June 26—Arthur Murray dance instruction, 8:30 p. m.
  - Saturday, June 30 — Semi-formal dinner dance, \$2.50 per person, 9 p. m.
  - Tuesday, July 3—Bingo.
  - Wednesday, July 4—Holiday, enjoy yourself.
  - Friday, July 6—Square dance.
  - Saturday, July 7—Informal dance, 9 p. m.

## AROUND THE DEPARTMENTS

Marion Gallagher, 2220, left last Saturday by Sky Coach for Los Angeles where she will visit her folks. She hopes to spend a few days at Lake Arrowhead and will probably return with a beautiful tan from sunning at the beach.

Hope Garcia, 2471, is convalescing at home after a major operation. Co-workers send greetings of "get well soon."

Mr. and Mrs. B. L. Schmedeman, 2235, are the proud parents of a daughter, Susan Raye, born June 12.

Mr. and Mrs. H. A. Tendall have two black and white kittens, one male and one female, that they are trying to find a home for. Anyone interested can call ext. 23195 or see them at 3194 West Sandia Dr.

Herman Williams, 1294, is batching it these days. His wife and children have gone to Dayton, Ohio, for a visit. His only comment is, "It's rough!"

Bill Herford, 1295, and wife went to the Grand Canyon, Boulder Dam, Petrified Forest, Painted Desert and Las Vegas on their vacation last week.

Francis Shea, 2234, and his sister, Margaret Barth, are having an informal reception June 25 in honor of their parents, Mr. and Mrs. Joseph C. Shea, who have been married 50 years. The couple was married June 25, 1901.

E. J. Whitmore of 2235 is a mighty proud father these days. His son, Elmo J. Whitmore, Jr., was promoted to corporal. Cpl. Whitmore is stationed with Fleet Marine Force at Camp Pendleton, Calif.

Leonard Barlow, 2243, working with 2234, has a house full since his Boxer had eight pups. He has been offered \$100 apiece for a choice of two of the pups.

Welcomes are extended by 2461-2 to Charlotte Allen and Herbert Ashby, new employees.

Gene McCormick, 2461-2, spent her vacation time in El Paso, Tex., visiting her sister.

"Diamond Jim" Hook, 2210, relieved the customers of a few "phony bucks" at the Monte Carlo night games held last Saturday evening.

The 2210 roster changes. Robert T. Foster, the department's veteran, transferred and Richard C. Hickman moved in.

Mrs. Evelyn Wade, 2210, has vacationed for the past week. We understand she stayed at home and occupied herself with household duties.

Frank Dewey, 200, is taking advantage of the opportunity to get his woodworking shop in shape while Mrs. Dewey and their daughter are vacationing with relatives back east.

Welcomes are extended to new employees in 1280. Colleen Allison who is from Louisiana will be in 1280, Stanley Howard from Arizona and A. W. Reger, West Virginia, will be in 1281. Those to work in 1282 include Robert O'Connell who has returned after two years in school; Ronald Hayenga came here from Kansas; Robert McConkie, of Albuquerque, and John Reimholz, Arizona.

Personnel of 1280 extend their sympathy to Owen McCabe whose mother died recently in Connecticut and to Chuck Harris whose father-in-law died in Indiana. Both have gone back to the funerals.

Billie Braffett, 3153-1, has returned from a week's vacation visiting her family in Clinton, Okla.

Duard "Duke" Nowlin, 2242, was fishing at the Log Pond in Bernalillo recently and on throwing out his line, embedded his hook in one of his fingers. It was 40 minutes and \$10 later that he walked out of St. Joseph's Hospital as good as new. He hasn't said whether he returned to his fishing.

Personnel of 2242 are glad to report that S. L. McCammon's wife, Alwena, is feeling much better and is home after a major operation.

Joe T. Knight, 2242, left on vacation Saturday morning, June 9, for Childress, Tex., and Memphis, Tenn. Joe being a "ham operator" and having a mobile unit in his car, should be able to pick up some new stations and keep his fellow hams here advised of his progress.

Maxine Lairmore, 2243-4, is beaming with happiness lately. Her son, Danny, is home for the summer from Patterson School for Boys, Legerwood, N. C.

Ed Jenkins, 2242, has been doing what comes naturally with him. He's been fishing again. This time he went to Colorado and upon his return said he caught a total of 25. Paul Krogdahl, 2112-1, Sam Johnson, 2232, and Dave Williams, 1121, at West Lab, were along but no report has been made of their success.

Personnel in 1710 report that it won't seem the same when Ginny Roy leaves. Ginny is transferring to 1621 where she will be a radio and teletype operator. She has been with 1710 (or SLM as it was known in the old days) for three years.

Gail Sievert, 2331, is the proud father of a son, Paul, born June 11.

R. L. Culley, 1624, and his wife, Helen, 3160, returned recently from their vacation. Bob and Helen went to Oklahoma City.

Sally Wood is welcomed to 1521-2. Sally has taken the place of Loietta Nemes, who has transferred to West Lab to work for Dr. Buell.

Department 1500 swimmers seen at the pool recently were Virginia Williams, Ann Morrow, Val Griffith, Mary Jane Lucas and Jo Owens. Jo was here on a visit from Penesco, N.M. She used to be division secretary of 1514.

Personnel of 2464-1 welcome a new editor, Edith Perry. Edith received her B.A. from the University of Akron and her M.A. from the University of New Mexico. She instructed in English part time while at the University of New Mexico and spent a year in public relations work for the Salvation Army in New York City. Prior to coming to work at Sandia, she was managing editor of the Leader in Albuquerque.

Some people just can't get enough winter! H. W. Maglidt, 4233, has returned from two weeks of fun and frolic on the West Coast, including a visit to Yosemite National Park, where the snow drifts in places were over his head. Laboring under the illusion that it was summertime, he and his family naturally were caught wearing summer clothing. He has picture proof of the snow drifts.

Mr. and Mrs. Allan Beck are the proud parents of a daughter, Ellen Louise, born May 30. Allan is in 1121 at West Lab.

Marie Ream, 1140, entertained visitors from Philadelphia, Pa., for about a week recently. She showed them the sights of the "wild and woolly" west.

Personnel at West Lab were sorry to bid Dr. John Cooper farewell recently. Dr. Cooper was here temporarily from Ohio State University.

Ernie Schwam, 1531, Bill English, 1283, and Gino Carli, 1282, had a wonderful week end recently visiting south of the border in Juarez.

Paul Adams, 1532, boasts of a new son, Paul, Jr., born June 10 and weighing 5 lbs., 11 oz.

Ted Morse, 1530, spent his vacation recently viewing the Grand Canyon and the bright lights of Las Vegas, Nev.

Margo Gordon, 2130, is taking her vacation to be with her husband, Mickey, who returned from nine months overseas. Mickey is having quite a time getting acquainted with his daughter who was just six weeks old when he left.

Earlan Koehler, 2130, is using his vacation to complete some building on his home. He is adding two bedrooms, a bath, a garage and a workroom. According to plans he has, he won't have a house but an estate when he gets through.

Jack Mafit, 3152-1, spent an enjoyable week fishing in the northern part of New Mexico, mostly around Taos. Jack returned with 100 fish and a good tan.

Maxine Enos, 3153-1, went on a shopping trip to Juarez, Mexico, and also visited the Carlsbad Caverns during her week vacation.

Helen Malloy, 3152, spent a week visiting friends in Amarillo, Texas, and several days at the Grand Canyon with her sister from Pittsburgh.

Dee Dee Kirby Smith, 3152, is back at work after a one-week honeymoon. Dee Dee was married June 9 to Cpl. Sherry Smith.

Personnel Department is happy to welcome Richard Reed, Joan Longhurst, Anne Nutter and Kay Langford to the staff.

Walter Dzegan, 3152-1, has returned from 30 days temporary duty at Salton Sea. Walt replaced Don Belmore, who is in Albuquerque for an operation.

Bill Funk, 3151, spent a week in Chicago recruiting for the Corporation. Bill visited Illinois Tech and commercial employment agencies and interviewed many good prospects.

Life again is worth living around the Bob Matthews' household. He brought his wife and new 8-lb. son home from the hospital last week. All three are doing fine. Bob is in 2465.

Esquipulo "Skippy" Baca, 2465, and family are touring the East on their long-awaited vacation. They plan to "do the town" in New York City and visit Niagara Falls, among other points of interest.

Three rebels—Bob Hopper, Ed Downing, Ward Hunnicutt—and one yankee—Walter Scott—all of 2130, were fishing at Conchos recently. They reported good catches, but are not talking much about the coon hunting which was part of the trip. Bob claims the coons ate the biggest fish.

Mary and Bob Schwartz are ignoring the "call of the open road" for their vacation this year and are staying home. Mary is in 2461-3 and Bob, 2243-1.

Sandia Base Kindergarten Council has announced that the Kindergarten will be discontinued effective June 30 because of insufficient funds. The nursery school which opened June 4 is in the kindergarten building and is being financed and governed by the Sandia Base Woman's Club.

## Seeing New Mexico on Weekends



176,000 ACRES OF PURE WHITE GYPSUM is the sight which greets the eyes at White Sands National Monument in southern New Mexico. It's a breath-taking sight and well worth the trip this week end.

The trip to White Sands National Monument is not an easy one-day trip, but may be combined with a trip to El Paso and Juarez for a pleasant weekend jaunt. This article is another of a series running in the Bulletin which may be of interest to Sandia Corporation employees.

White Sands is a little bit of Sahara, only more beautiful and more accessible to motorists in this country. The most direct route from Albuquerque is south on Highway 85 to Highway 380 at the village of San Antonio and then east to Carrizozo. At Carrizozo turn south on Highway 54 and drive 57 miles to Alamogordo. White Sands National Monument is 15 miles south and west of Alamogordo on Highway 70.

The trip from Albuquerque to White Sands adds up to approximately 222 miles. Alternate routes to White Sands may be taken from

Albuquerque, but this route will get the motorist to his destination faster and over better roads.

Arrival at White Sands will be a breath-taking experience, for your eyes will fall on 176,000 acres of pure white sands which are ever drifting and changing with the winds. The high dunes in fantastic shapes are 100 per cent pure gypsum, a phenomenon found nowhere else in the world.

The sands have the beautiful background of the towering San Andres mountains, and they stretch over a 40-mile front. The United States has built headquarters offices and a museum on the location.

The White Sands area is of special interest to Sandians, for it was here that the first atomic bomb was exploded July 16, 1945. The exact site of the test is not open to the public as it is a portion of the Army's White Sands Proving Grounds.

## Salton Sea News

There were four promotions to supervisory positions at Salton Sea recently. A. L. Pierson has been named section supervisor of 2483-1. J. J. Annis has been promoted from patrol sergeant to section supervisor of 2481-1. L. R. Wilson is a new division supervisor heading 2482. D. P. Fifield was promoted from section supervisor to division supervisor of 2483.

Fay M. Bragg, 2482-1, is enjoying a visit by his 26-year-old son, Colin R. Bragg, home on a 30-day rotation furlough from Japan, where he has been stationed since last November. Mr. Bragg has not seen his son since August, 1950. Colin was recalled to service last fall after spending four years with the Navy amphibious forces during World War II. The elder Mr. Bragg is also a veteran of two wars, World Wars I and II.

Herbert Stroud, room clerk at the San Felipe Lodge, has been in bed with a foot ailment since Monday, May 21. He hasn't minded it too much—on several occasions he's had breakfast served to him in bed by his boss, no less, Alvie Coughlin,

manager of the lodge. But the nurse says Herb will be back working for Alvie very soon.

Donald A. Belmore, 3122, has left Salton Sea Base for Albuquerque where he will enter the Veterans Hospital for an operation. Don missed one plane ride to Albuquerque and in his rush to make the next plane he left his laundry. Don has also left behind a host of friends who are wishing him all success with "Operation Belmore."

"Boots," 2480, is the proudest mother on the base; she gave birth to five good-looking offspring that everyone wants to adopt. The canine population here is increasing faster than a census taker can count.

Luther Oldham and Thomas L. Pace have left the base to return to school.

Gladys Keller, 2480, and Lloyd R. Wilson, 2483-1, have been left behind for several weeks by their vacationing spouses. Lloyd is trying his hand at that home cooking, and Gladys has decided to take a vacation from it, preferring cafe fare for a change.

## INQUIRING REPORTER— Would You Marry A Girl for Her Money or Looks?

HENRY C. STRAUSS, 3123-2. To



marry a woman for either of these reasons would be fine. I, however, do not think that either is a sound basis for a successful partnership. Man and wife should have many things in common in order to enjoy life together. For the above reasons, I would answer the question in this manner: I would use neither as the sole basis for choosing a wife.

THOMAS J. HOBAN, JR., 1623.

I'd pick a girl with looks, naturally, because I don't know any girls in Albuquerque with money. Of course, if she had money, I wouldn't hold it against her.

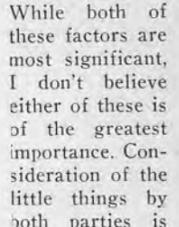


VAN THOMAS EDSALL, 4132-3.



I would marry a girl for money. I don't think I have to elaborate. It's obvious that money is a good enough reason. You'd get tired of looks but never of money.

SANFORD "ROGEY" ROGOFF,



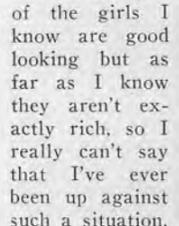
While both of these factors are most significant, I don't believe either of these is of the greatest importance. Consideration of the little things by both parties is the prime factor. Without this a marriage cannot be successful. Possibly consideration implies love; if this is so, then you have my answer. If you have these things and money too—so much the better.

GEORGE D. HORNE, JR., 4122.



Answering seriously, I rather imagine I would marry a girl I was in love with. If she has money—good; looks—twice as good. Beyond that I wouldn't care to say anything.

ROBERT J. GORE, AEC. Most



of the girls I know are good looking but as far as I know they aren't exactly rich, so I really can't say that I've ever been up against such a situation. Send one around with a little money and let's see what happens.

## Coronado Club's Chef Cooks for Best But Still Prefers His Wife's Cooking

When Liaquat Ali Kahn, prime minister of Pakistan, visited the United States last summer he stopped off at the Sky Room of Lockheed Airport in Burbank, Calif., for a light snack. He started off with a melon cocktail supreme followed by clear turtle royal pompano, boneless squab

*commis saucier*, handling sauces, roasts and soups.

### Stuffed Prime Minister

After finishing these few tidbits, the Prime Minister staggered to his feet and offered his compliments to

Carl in German.

By 1930 Carl was a full-fledged cook. He came to America and found the job at the Norwood Country Club. Although that was more than 20 years ago he still remembers the night Oscar of the Waldorf threw a banquet there and had a long talk with Carl in German.

### Mentioned by Winchell

Four years later Carl went to California after cooking in such famous restaurants as the Piping Rock Club in Saratoga Springs, N. Y., often mentioned by Walter Winchell, and the St. George Hotel in Brooklyn, one of the largest hotels in the world.

In California Carl cooked for the stars at the Malibu Inn and at Thelma Todd's Chez Roland near Santa Monica. But perhaps his most exciting job was as broiler chef at the opening of Glen McCarthy's Shamrock Hotel in Houston, Tex. There the menu included such choice items as *pate de pheasant en aspic* and *supreme of pompano Normandie*.

Carl's specialty is German dishes, such as sauerbraten and Hungarian goulash, which is also his favorite meal. He also specializes in curried foods of all kinds. Carl keeps a file of menus from places where he's cooked and places where he's eaten to draw on in planning his own menus.

### Monte Carlo Cook

This file includes menus collected on jobs at the Monte Carlo Hotel in Miami Beach, Fla., the Artists' and Writers' Club, the Bolivar Hotel in New York, and of course, at the Sky Room where he began working for the Anderson-Dunham company, Coronado Club restaurant concessionaire.

Carl has a unique advantage among married men. He is one of that select fraternity that can go home at night and complain to the wife that he has been working all day over a hot stove. Carl is loud in his praises of his wife's cooking—and come to think of it, she would have to be an extra fine cook to stimulate the appetite of a man who has been working all day, as Carl does, surrounded by food.



Chef Carl Hermanns

the chef. The chef happened to be Carl Hermanns, the new major domo of the Coronado Club kitchen.

Pakistan's top official is only one of the many famous gourmets who have high praise for Chef Carl's culinary excellence. In fact, soon after he came to America in 1930, Carl helped prepare dinner for what is probably the most famous name in the nation, from a cook's point of view—Oscar of the Waldorf.

Carl was then working on his first job in this country, at the Norwood Country Club in Asbury Park, N. J. He was only 20 years old, with five years' experience in the kitchens of several German hotels.

### Accent Helps Cooks

As is common all over Europe, a cook starts young and goes to a cooking school when not actually working. This, incidentally, is the reason an accent is a definite help to a cook in American restaurants. We seldom put our cooks through an intensive apprentice training period while teaching them the trade in school.

Carl began work at the Excelsior Hotel in Cologne when he was 14. During the next five years he worked in hotels throughout Germany in positions ranging from *commis gardimanger*, the cold food preparer, to

## Metal Workers To Hold Dance

Members of the Metal Trades Council will hold a dance tonight at the Coronado Club from 9:30 to 1 a. m., Willis M. Jobe, committee chairman, announced recently. Admission will be \$1 per person and tickets will be sold at the door.

Sol Chavez and his 10-piece orchestra will play and 40 door prizes will be awarded, Jobe said. The prizes range from fishing equipment to electric toasters. It is not necessary to be present to win.



H. V. McNABNEY, 2480, AT SALTON SEA, and his son Bobbie go fishing in the mountains of California. This is Bobbie's first fishing trip and Dad is all set to show him how.



SO WHO CATCHES ALL THE FISH on this expedition? Why, Bobbie, of course, and here he displays a handsome catch as proof of his piscatorial ability.

## These Gardeners Agree Mother Nature Cooperates But Needs Help in Gardens



CHANG LOOKS ON as William "Doc" Rehbeck cultivates the Mexican firebush plants in his front yard. Chang, the Rehbeck's Siamese cat, takes a proprietary interest in the garden at the Rehbeck's Sandia Base home. He keeps off all dogs, cats, and mice who might wander onto the property.



POINTING OUT CACTUS plants taken from the Sandia Mountains are Mr. and Mrs. Harold Brown. The many varieties provide a novel touch to their two-level back yard.

### Scrap Lumber for Sale to Public at Sandia Corporation Salvage Yard

A considerable quantity of scrap lumber is available for sale by Sandia Corporation at the salvage yard near the AEC Motor Pool on Sandia Base. The lumber may be purchased by employees of Sandia Corporation and also the general public.

At present there is a large amount of scrap wood from broken and dismantled boxes and scraps from box-making operations. The terms of sale are as follows: \$3 for a three-fourths ton pickup truck load or a small trailer load approximately three feet high, four feet wide and eight feet long. One and one-half ton truck load, approximately 44 inches high and seven feet wide, costs \$5. On these terms loading is to be done without specific selection.

Where smaller loads are desired and selection will be exercised the price is one cent per pound and a minimum charge is 25 cents. For larger lots of selected pieces the price will be established by the salvage yard manager.

All sales are final and on an "as is" basis with first come first served. The yard is open Monday through Friday from 7:30 a. m. to 11 a. m. and from 12 noon to 4 p. m. The material is to be handled and loaded by the purchaser under the supervision of yard personnel. Any person who enters the yard does so at his own risk and the Corporation assumes no responsibility or liability.

Further information may be obtained by calling ext. 25235.

With patience, money, and an iron-clad contract with Mother Nature, you have a reasonable chance of turning the desert in your front yard into a lush garden.

Pat Turner, 2200, must have had all three, as anyone who has seen the riot of flowers surrounding her home will testify. In the front yard seed poppies reach to your shoulder, and in the back, red, pink, white and yellow roses compete with Canterbury bells, peonies, and brilliant iris.

#### Wars With Desert

Fighting the desert wasn't one of Pat's problems, but for Kay Naylor, 2111-1, it's been an uphill struggle with the mesa year after year. Each spring Kay and the desert launch new offensives and each fall Kay scores another victory in the form of a new patio, flower bed, or hedge.

Instead of battling the sand and wind, Harold Brown, 2112, simply went along with the elements and planted cactus. His back yard is built on two levels and the cactus bed runs completely across the plot on the slope between the two levels. The several types of cactus blooming in his garden come mostly from the Sandia mountains, where Harold collected them on weekend trips.

One of the finest little flower and vegetable gardens on the Base was planted by William "Doc" Rehbeck, 2241-2, and his wife, Betty. Betty founded the Sandia Base Garden Club and has been its president for several years. She supervises the flower scheme while Doc sprinkles rows of radishes, lettuce and herbs in amongst her taller plants.

#### Strain Beer Cans

As in cures for hiccoughs, all amateur gardeners have their own formulas for raising a lawn. Pat Turner and her husband Ellis, 1253, live on land that had been rental property for 20 years. After they moved here from Washington, D. C., in 1948, they had to spend two weeks digging up their yard and sieving out the old beer cans and scrap iron that had accumulated over the years.

Before they planted any seed the Turners had their soil analyzed. This is done free of charge by the Agricultural Experiment Station in town or by the Albuquerque Chemical Company. The test showed that iron was needed and so the Turner Lawn Formula was created. The ingredients are peat moss, fertilizer, soil iron, some sand to lighten the clay, and finally, the seed.

Kay and Harry Naylor moved to Albuquerque in 1946. Since they've been here, their garden has grown, and so has their family. They now have two boys, a patio, a dog, some shrubs, a cat, tree, rabbit, lawn, hedge, wall, and several flower beds.

Kay's recipe for a smooth lawn is to work fertilizer into the ground and let it set before planting.

#### Holds More Water

Harold Brown moved into his home last July and began planting a garden right away. Soil tests revealed that he also needed iron. Harold advocates a by-product of insulation material called Terralite. He says it holds 10 times as much water as peat moss. He planted blue grass and clover because it's easy to cut. Every two months he lays down a light dusting of fertilizer and once each year he sprinkles some soil iron over the lawn.

Doc Rehbeck's lawn was planted by the Base gardeners, but he had a soil test made for his flower-vegetable bed and found that sulphur was needed. He says that the year after he put the sulphur in the ground his vegetables were better than they had ever been before.

Ray Powell, 3150, participated in the New Mexico Conference on Social Welfare held recently at the University of New Mexico. Ray represented business in a forum on "Cultural Quilting in New Mexico." He also served as a consultant to the director of the conference, Eric T. Hagberg of the U. S. Indian Service, and worked with the coordinating committee of the conference.



PAT TURNER'S SEED POPPIES set off her front yard. Her first garden has proved a phenomenal success. With husband Ellis to do the heavy work, Pat has turned their home into a paradise of color.



KAY NAYLOR'S PET rabbit, Tippie, hops around a poppy plant in Kay's back yard garden. Tippie shares the garden with Kay, who works in 2111-1, her husband Harry, their two children, and a dog and cat.

### P. E. Band Helps University Train Student Musicians

The Production Engineering Band will aid the University of New Mexico Summer Symphony Band in presenting a six week course in the techniques of directing a symphony orchestra, according to C. E. "Chuck" Foster, 2111, president of the P. E. Band.

Robert Dahmert, of the University Music School, will conduct the two-hour classes. The first rehearsal will be held Tuesday, 7 p. m., at the University Music Hall, Foster said.

Students will observe and participate in the direction and the P. E. Band will act as instruction subjects. The Band consists of Chuck Foster, Ben Jolliffe, 2112-2; Charles Strange, 2114; Phil Owens, 2112-1; Karl Zimmerman, 2112-1, and Travis Bogue, 2114-2.

### Marriages and Engagements

The engagement of Bertha Irene Edwards, 2242-1, to John Berger, 2450, has been announced. The couple are planning an early fall wedding.

James M. Fisher, 4212-3, and Janice Thompson of Albuquerque were married June 2 at the home of the bride's parents. The couple spent their honeymoon in Borger, Tex., and are now residing on the Base.

William C. Holley, 2235, was married to Anna Lou Carson last Sunday, June 17, in the First Methodist Church. The bride is an Albuquerque girl. The couple are spending their honeymoon in Idaho.

John Tenbrink, 1283, was married June 2 to Opal Derley in Wichita, Kans.



Bertha Edwards

## Victor Reano, Native Son, Lends A Hand to Uncle Sam

Victor Reano, 2241-1, has 50 acres of land in the Santo Domingo Indian Pueblo, but he also has a serious problem. There's no longer enough rain to make the farm profitable.

A proud, handsome, friendly, but quiet man, Vic is deeply concerned about the lack of water for his farm, but he has an abiding faith in the land, for it has provided a livelihood for his ancestors and he believes it will again some day serve him well. In the meantime, he is working for Sandia Corporation as a materials handler in 2241-1.

In the old days he used to get 900 bales of hay from his farm every year, but last year there were only a few bales. He has had to cut down the size of his herd of cattle as a result of the drouth and the feed shortage.

Vic and his wife, Ruth, and five children moved to Albuquerque when he went to work for Sandia Corporation. Two children are in school in Santa Fe during the school months. They are Trinie and Delphino. This summer Trinie is in Albuquerque helping her mother with the housework and Delphino stays in Santo Domingo looking after the farm.



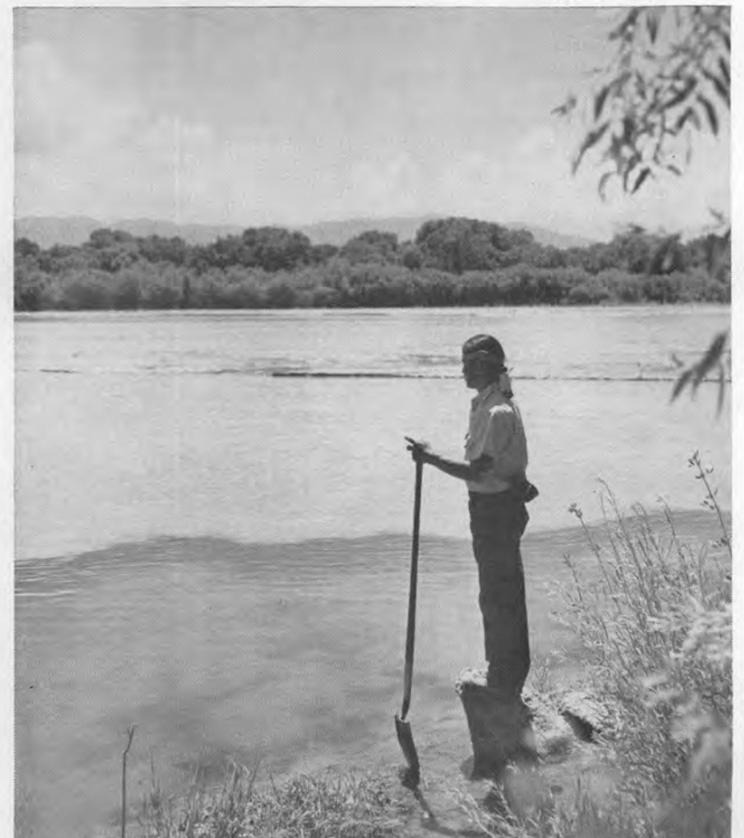
◆ VIC BUILT THE REANO HOME on the edge of Santo Domingo Pueblo, a spotless, comfortable, homey adobe brick building. The family stands before the house, L to R, Pete, Trinie, Tom (who takes a dim view of picture taking), Vic's wife, Ruth, Vic holds Marvin and next is Delphino. Vic is now at work on an addition to the home which will give it another bedroom.

VIC IS A COMPETENT fork lift operator. Strong, willing and cooperative, he is popular with his working companions and easily carries out his duties which would tire a man of lesser physical stamina.



◆ RUTH REANO, PICTURED HERE with her youngest son, Marvin, is a devoted mother whose thoughts are always with her children. Ruth and the youngsters live in Albuquerque now that Vic is working for Sandia Corporation. Weekends the family returns to the Pueblo to work in their home and on the farm. Albuquerque is fine, they say, but the happiest days are when they are all together at Santo Domingo.

A LOT OF WATER FLOWS past the Reano farm in the historic Rio Grande. But not enough may be taken for all 50 acres of Vic's land. The Indian's lot is not always an easy one, he reports, but then his forefathers did not have an easy life either. The transition from farmer to wage earner in one of the nation's most vital defense projects was taken in stride by Vic.





IT'S THE SAME EVERY TIME Mr. Borsht goes back East. He gets worried about hay fever back there.



GARY, THE SEVEN-MONTH-OLD SON OF Mr. and Mrs. M. E. Thompson at Salton Sea, is the youngest member of the swimming set at the San Felipe Lodge swimming pool.

**Classified**

**FOR SALE**

**1947 Fleetline Sport Sedan**, Chevrolet, 8-tube radio, heater, sunvisor, new seat covers, 39,000 actual miles, A-1 condition, original owner, \$800. Galen O. Graves, ext. 33247 or Alb. 4-1813, 2427 Vicie Rd.

**Two bedroom cinderblock home** off Ridgecrest, 1033 S. Quincy, 1 block from Whittier school. Washing machine, dishwasher, fenced yard, \$2,000 down, assume FHA or GI loan. Terms possible. Phyllis Hoyt, ext. 31241 or Alb. 5-6607.

**Webster-Chicago record changer**. I. W. Lenz, ext. 6241, 1908 N. Commercial.

**Camping trailer**, \$75. Chuck Martin, ext. 4136 or Alb. 5-8030.

**1946 Nash Ambassador 4-door sedan**, radio and heater, makes into bed, total price \$595. Easy terms. R. E. Butler, ext. 29242.

**1947 Ford two-door sedan**, with radio, heater, new seat covers, new motor. A real bargain at \$790. Mr. Thomas Thompson, ext. 22248 or 22259 or Alb. 5-6577 after working hours or Sundays.

**Motorcycle**, Harley Davidson 1938 OHV, good condition, newly painted. Coy Dickens, ext. 7132.

**Girls' 20" Bicycle**—like new, \$25. Can be seen at 1822 N. Arizona, G. M. Austin, ext. 33236.

**Two 50-foot residential lots** on S. Princeton, all utilities, \$1100 takes both or trade for car. Also small house trailer, \$350. Charles Jensen, ext. 26142, 608 N. Dallas.

**Baby Bed**, solid maple, collapsible, with mattress, \$18. R. E. Glass, ext. 29155 or Alb. 5-9088, 314 N. Truman.

**James 98 motor bike**, 125 miles per gallon, like new, only 700 miles, \$175. W. R. Jaeck, ext. 5201 (3 to 11 shift) or see at 7443 E. Prospect.

**1949 Chevrolet Styline 4-dr. Sedan**, Sea-Foam green, with radio, heater, nylon seat covers. A one-owner car priced below downtown prices. Joe Hickey, ext. 26149 or see at 2133 N. Dickason, Inez Addition.

St. in Hoffmantown, \$95 per month; stove, refrigerator, 1 1/4 bath. H. Stall, ext. 26153.

**Small apartment** for rent, 2 room, private entrance, 219 S. Columbia, near University, \$10 a week. All utilities paid, Evelyn Harris, ext. 23141 or Alb. 3-5273 after 5.

**Three bedroom home**, stove and refrigerator furnished. Will be available June 23, can be seen at 2101 N. Palomas, \$95 per month. Mr. Thompson, ext. 22248 or 22259 or Alb. 5-6577 after working hours or Sundays.

**RIDERS WANTED**  
**South Carolina** via Amarillo, Oklahoma City, Little Rock, Memphis and Asheville, Friday, July 20, after work in 1950 Ford. Have room for several passengers to share expenses and driving. James Stoll, ext. 25254 or Alb. 5-3630.

**Rockford, Ill., June 30**. Room for one passenger, share expenses. Don McMillin, ext. 21153.

**WANTED TO BUY**  
**Foot locker**, Fran Tennessen, ext. 22259 or Alb. 2-8049.

**RIDES WANTED**  
**5600 block on North Fourth**. Eralia Carleton, ext. 21249 or Alb. 4-1093.

**1000 block East Roma** or 1000 block East Central. Gertrude Theiler, ext. 24250 or Alb. 8261.

**North Girard and Marble** or Mackland Dr. and North Dartmouth or car pool to Bldg. 894, Georgia Howard, ext. 28257 or Alb. 5-9489.

**Miles Road**, 1/2 mile west of Yale, Dale Bellamah housing project. Mary Vella, ext. 28143 between 7:30 and 4:30.

**411 1/2 S. Bryn Mawr**. John Reimholz, ext. 28152 or Alb. 5-7072.

**4145 Mesa Verde Dr.** Inez Carlomb, ext. 31241.

**South Second and Stover**. Carmie Smalridge, ext. 26150 or Alb. 9390.

**2430 N. Madiera (South Bel Air)**. LaVerne Coudriet, ext. 23248.

**FOR RENT**

New three-bedroom house at 2603 Flower

**War Takes People the Strangest Places**

First to land an American plane in the Philippine Islands during the battle of Leyte Gulf in 1944 was W. A. "Bill" Gardner, 1283. General MacArthur, movie cameras, and reporters were on the landing strip to greet him. But it wasn't planned that way. Dick Bong, leading ace of the South Pacific, was to make the landing and be greeted by the General, but Bill stole the limelight when his plane was riddled with holes while strafing a Japanese cruiser. He had no choice but to take her down. Bong arrived 20 minutes later.

Bill flew 172 missions during World War II as a fighter pilot in the South Pacific and has an endless repertoire of tales. He remembers the time he had water buffalo for dinner and actually enjoyed it. He and some buddies were in the Philippines to purchase some bananas. One of the Filipinos asked them to stay for dinner and much to their surprise they were served buffalo liver and tuba (a native beer made from the tops of palm trees).



Bill Gardner

When Bill was ready to leave, the host, noticing how he relished the dinner, asked if he'd like some to take with him, and promptly handed him a tongue. After ten hours of boiling, plus addition of mushrooms and hot sauce sent from the States, Bill and another pilot finished the dish. His only comment: "It was better than Spam."

Back to civilian life and still eager for excitement, Bill became an engineering test pilot for the Propellor Division of Curtis-Wright Corporation in Caldwell, N. J. For two years he tested propellers to be used in future turbo-prop installations at transonic speeds. At that time, he says, they had no planes that were fast enough for testing props at transonic speeds, so instead of flying "speed power" curves horizontally, they used a "JUG" (P-47) and with special instrumentation got the top speed points for their curves in terminal velocity dives.

Concord, N. H., is Bill's home town, and he received his degree in mechanical engineering from the University of New Hampshire. His flying career started as a private pilot using light planes with skis in the hills of New England. When

he was in the Coast Artillery in 1941, he made application to the Air Force—he was promptly accepted and sent to Spence Field, Ga., for flight training. As a captain in the



**MELANESIAN MAKE-UP** may be fine in New Guinea, but Bill Gardner still prefers the American version. Bill took these pictures of natives while stationed in New Guinea during the early part of the war.

Fifth Air Force flying P-40's, P-38's and P-51's, Bill was stationed at Port Moresby, New Guinea, Dutch East Indies, and the Philippines.

Another of his favorite tales he learned when he and a companion pilot landed in a "Shangri-La" valley in the Mount Hagen range after a fighter sweep over the Japanese at Wewak. One of the Melanesian chiefs had swapped his daughter to another chieftain for a pig. The girl, after one week in her new surroundings, decided to go home to mama, and her husband's relatives were ready for a tribal war. They either wanted the pig back or the bride. They got the bride, for the pig had already been eaten.

Then there was the time they landed at Cape Gloucester on New Britain Island and moved inland to the side of a hill to make camp. During the middle of the night, they smelled sulphur and gas fumes and upon investigating discovered they had camped on the side of an active volcano.

**Predictions Give Yankees, Indians Top Loop Places**

At the end of the first round of play, the Sandia Corporation softball league is assuming a pattern that permits a few predictions. The Yankees and the Indians look like shoo-ins for the four team playoffs at the end of the second round.

It'll be a dogfight for the other two positions between the Pirates, Cubs, Tigers, and Red Sox. The Engineering Department Pirates have a leg up at the moment but injuries have plagued them all season. The Cubs, conquerors of the Indians, are potentially able to pace the league, as are the Red Sox, while the Tigers feature a steady play that can tip anybody's applectart.

Softball is 60 per cent pitching and the difference shows. The Indians are three deep, and the Yankees two deep in the all-important pitching department. Other Sandia teams are hampered by having to depend on only one pitcher.

For never quitting and scrambling through to victory on a shoestring, the Cardinals are due high praise. This bunch, without a front-line pitcher, has fought out three victories. Although they've absorbed six losses, it's never been without a last ditch fight.

The quality of play has picked up sharply since the beginning of the season. For example the Yankees and the Indians went to an extra inning last week before the Indians eked out a 3-2 victory.

If the wind isn't blowing, good entertainment will reward any fans who show up at the Corporation diamonds on Monday, Tuesday, Wednesday and Thursday evenings at 5:15.

The standings as of June 15 are as follows:

Team—	W	L	Pct.
Indians, 2123-6	8	1	.888
Pirates, 1210	8	2	.800
Yankees, 2235-1	6	2	.750
Cubs, 2231-2232	6	4	.600
Red Sox, 2242	5	5	.500
Tigers, 2122	4	4	.500
Cardinals, 1500	4	6	.400
White Sox, 2113	3	6	.333
Dodgers, 2234	3	7	.300
Browns, 2340	0	11	.000



**NEW OFFICERS** of the Coronado Club discuss plans for the coming year. Left to Right: C. J. Baumgartner, 4133, treasurer; Bill Kraft, 2211, vice president; E. C. Pace, 2312-1, secretary; and Dave S. Tarbox, 2410, president.



**BACK INJURIES MAY BE AVOIDED** H. B. Lambert, 3123, tells his audience. All you have to do is lift in the proper manner and your back will not suffer. Carol Algier, 4215, Jack Ray, 1531, and Allen Hobbs, 3123, watch as "Hoot" demonstrates proper lifting with

a robot man developed and built by A. B. Metzger, safety consultant for Sandia Corporation. The secret of safe lifting, the wooden man proves, is to keep your back straight and put the lifting strain on your legs.