

Americans Urged To Get Salk Polio Shots

The United States Public Health Service and the National Foundation have launched a national campaign to promote polio immunization.

With another polio season on the way, two Americans in three still do not have the protection provided by the Salk Vaccine inoculations. As a tragic result, a polio epidemic last fall in the Detroit area alone involved 876 persons and brought death to 23. Similar serious polio outbreaks occurred in 1957 in New Jersey, Virginia, West Virginia, Montana and Hawaii.

Last year the nationwide paralytic total for polio rose an alarming 44 per cent higher than in 1957. More than half of these paralytic polio victims were preschool children, most of whom had not been vaccinated or had not completed the full series of Salk Vaccine inoculations.

While polio occurs among persons of all ages, those most susceptible are children and adults under 40 years of age. It has been indicated that 53 per cent of all persons in the country under 40 years of age have not completed the basic three injections, and more than 1/3 have had no vaccine at all.

At least three injections of Salk Vaccine are required to provide adequate protection from polio. Two injections provide 80 per cent protection. The full series of three provide 90 per cent protection, and longer lasting immunity. Some authorities recommend a fourth injection as an additional safeguard for those vaccinated when the Salk Vaccine first became available and its potency was variable. This booster shot was also recommended where local outbreaks of polio are beginning or when individuals are going into areas where the incidence of polio is high.

Proper spacing of the injections is essential if they are to be effective. The first two should be spaced three or preferably four weeks apart and the third seven months to a year after the second. If you begin the series of Salk Vaccine shots now for you and your family, there is still time to build your defenses before the onset of the 1959 polio season. If everyone in your family has not been vaccinated, the time to start is now.

The most desirable procedure is to have your family physicians administer the injections of Salk Vaccine for your entire family, or your local health officials or company medical office can tell you where they can be obtained. Health authorities have emphasized that the family group is the key to the success of the immunization program.

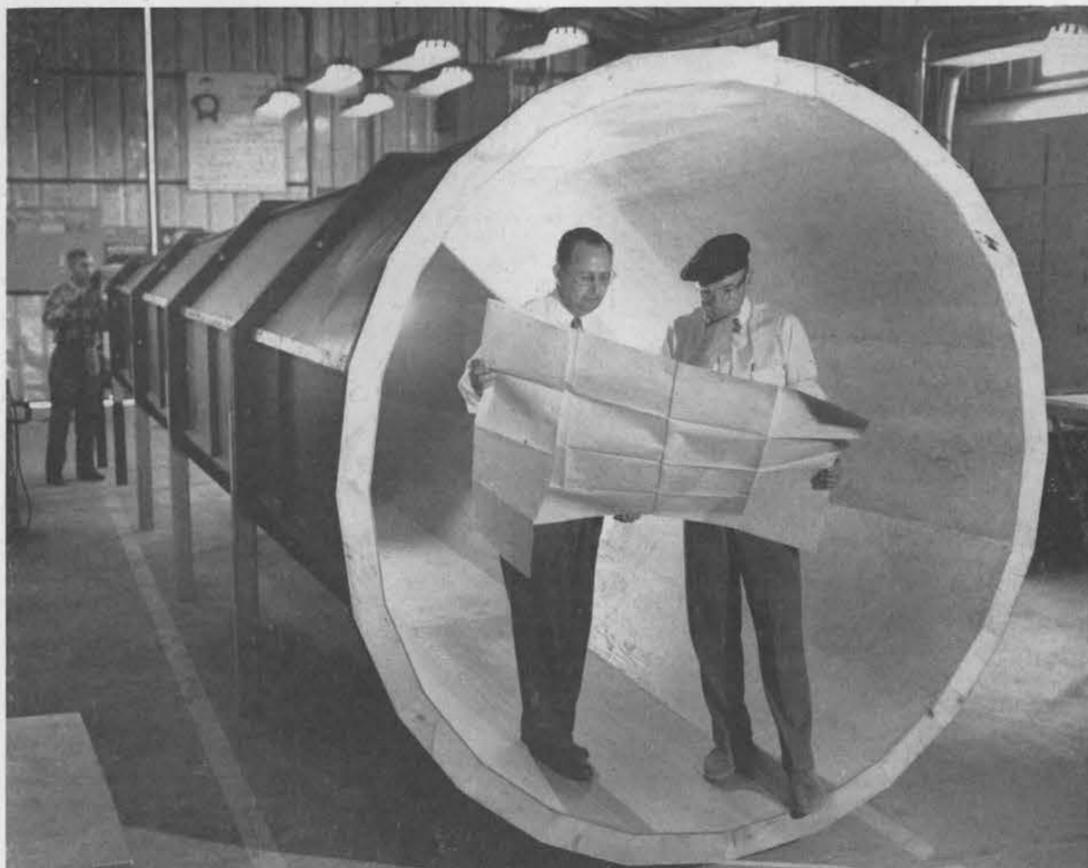


published every other Friday for the employees of sandia corporation, contractor to the atomic energy commission

VOL. II, NO. 6

ALBUQUERQUE, NEW MEXICO

MARCH 20, 1959



WIND TEST CHAMBER fabricated by the Packaging Division 2232 will be used to test and calibrate instruments for wind, dust and cloud measurements in the Coyote Canyon Test Field. Warren Roberts (5112-2), designer, right, and G. M. Austin (2232-5)

discuss finishing details while standing in the section that will adjoin a seven-ft. fan. The chamber will create an air stream variable from 1 to 50 mph. Sam Smith (2232-5) is working on the 3-ft. cubical test section at the rear of the wind test chamber.

Controlled Air Turbulences Are Used in Lab Calibration Work

Particle physics studies associated with fallout from nuclear reactions have resulted in a special wind test chamber being developed to evaluate instruments used in the work. The studies are being conducted by the Nuclear Burst Simulation Division, 5112-2.

Utilizing the craftsmanship and skill of the Packaging Division 2232, a 40 foot long wooden wind test chamber was built to create a large air stream the velocity of which can be controlled from one to 50 mph.

Air samplers and fast response meteorological instruments developed by 5112-2 will be tested and calibrated in the wooden wind test chamber.

The equipment will be located in the Coyote Canyon Test Field.

The long tube, seven feet in diameter, was constructed in the Carpenter Section in seven days. A seven-foot fan section assembled by Division 2110 will create the air stream and will receive its driving power from a small tractor. The total assembly will cost approximately \$2500.

Commercial equipment to do a job similar to that of the wooden air test chamber would have cost around \$18,000, according to Warren Roberts, project engineer.

The meteorological instruments designed by the section will make measurements of small wind turbulences. Goal of the project is close examination of the micrometeorology of a five mile square area from the surface up to 5,000 feet.

The physics of free falling particles is being studied as well as mechanisms of resuspension of particles—particles that have fallen to the surface but may be picked up and redistributed by local winds.

The turbulent cells under study range from 10 feet to 1,000 feet in diameter.

Bob Morrow Mighty Happy He Made That One Trip to Sandia Safety Store

When the pair of shiny brown boots in the safety shoe display case caught Robert Morrow's eye he never dreamed that someday he would be so very glad he purchased them.

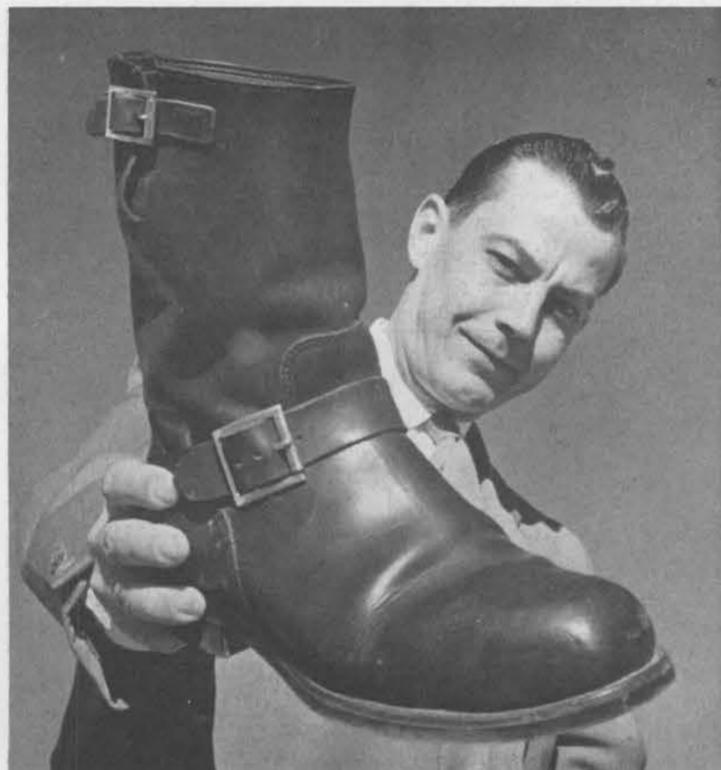
At the time he thought only that the boots looked smart, were rugged enough to take a lot of wear and that the price was reasonable, very reasonable.

"Bob," a technical writer in Military Publications Division 5323, had little need for the safety boots on the job, but felt that they were just the thing to wear

on weekend jaunts around New Mexico with his family.

On such a trip recently, north of Jemez Springs, he was helping to push a car out of a snow bank. It suddenly broke free and surged onto his foot and rested there. Bob never felt a thing. The steel toe construction inside the safety boot completely protected his foot and prevented what could have been a very painful accident.

"At work or at home," Bob says, "you can't beat wearing safety shoes."



Robert Morrow (5223)

"At work or at home, you can't beat wearing safety shoes"



A. B. Goetze

A. B. Goetze — W. E. President — Dies Suddenly

Arthur B. Goetze, President of Western Electric Company, died suddenly in New York City March 9 at the age of 57. Funeral services were held Wednesday, March 11, from Community Congregational Church, Short Hills, N. J.

Mr. Goetze joined the Bell System in 1917, starting his career as a draftsman at Hawthorne

H. I. Romnes has been appointed President of the Western Electric Company, it was announced yesterday. He was formerly Vice President—Operations and Engineering of the A. T. & T. Company. He started with the Wisconsin company, held assignments with the Bell Telephone Laboratories, A. T. & T. and the Illinois company. He became general manager of A. T. & T.'s Long Lines Department in 1950 and was named Chief Engineer of A. T. & T. in 1952. Mr. Romnes was elected Vice President—Operations and Engineering in 1955.

Works. In 1942 he became a personnel director of Western Electric Company and after holding a series of positions with other Western Electric locations he became Vice President, Finance, in 1954. In 1956 he was appointed Vice President, Manufacturing, and that same year became President of Western when F. R. Kappel left the post to become president of American Telephone and Telegraph Company.

Mr. Goetze had been a member of the Sandia Corporation Board of Directors since 1953 and had visited Sandia numerous times. His most recent visit was last November, when the Board met at Sandia.

Dr. M. J. Kelly To Be Consultant For IBM Corp.

Dr. Mervin J. Kelly, retiring chairman and former president of Bell Telephone Laboratories, has accepted a position as research and engineering consultant for International Business Machines Corporation.

In making the announcement IBM president Thomas J. Watson said, "Dr. Kelly's broad knowledge and lifetime experience will be of great assistance to us in IBM's expanding research and engineering programs."

D. W. Ballard on Programs of Two Technical Meetings

D. W. Ballard (2541) was in California this past week participating in the Western Convention of the Society for Nondestructive Testing in Los Angeles and a seminar on Nondestructive Testing held at the Lawrence Radiation Laboratory in Livermore.

Mr. Ballard presented a technical paper summarizing the fundamentals of nondestructive testing as an introduction to the Educational Clinic of the SNT convention. He is chairman of the National Education Committee.

At Livermore, Mr. Ballard led a discussion on "Selection of Non-destructive Test Methods."



ON PALM SUNDAY the Sandia Base Protestant Chapel choirs will present a program of music at both 10 and 11:15 a.m. services. The choir, under the direction of Virginia Simpson (wife of William Simpson, 4742-2), will sing "On the Passion of Christ." Mrs. Lyle Hake (whose husband works in 1464) will sing "The Palms" during the distribution of Palms. Pictured are Martha Bolton (wife of E. L. Bolton 4211), William Caldes (2730), Mrs. Simpson, Mrs. Hake.

Inez Robb To Speak Before Members Of Sanado Club at April 7 Meeting

One of the country's best known newspaperwomen, Inez Robb, will speak before the Sanado Club Tuesday, April 7, at 1:30 p.m. at the Coronado Club.

As a feature writer and daily columnist, Miss Robb's assignments have taken her to more than 40 countries and have included the Grace Kelly-Prince Rainier wedding, the coronation of King George VI, the wedding and coronation of Elizabeth II, and many historic events during World War II while a correspondent overseas.

Tea will be served among spring-like decorations. Mrs. J. J. Flanagan is chairman of the decorating committee. Assisting her will be Mrs. P. J. Broullire, Mrs. K. V. Atkisson, Mrs. R. D. Flaxbart and Mrs. W. V. McGuire. Pouring will be Mrs. W. B. Hower-

New Homes

Mr. and Mrs. William Mochabee (2562) have moved into a new home at 2417 Cardenas NE.

Friends and co-workers of Dorothy Evans (2722) feted her with a surprise house warming on March 10. Her new address is 533 Tennessee SE.

John Gaery Boyes (2221-2) is having fun these days remodeling and fixing up his newly-acquired home in Sandia Park.

Lloyd Busch (4251-1) and his family have moved into their new home at 10426 Towner Ave. NE.

It was also moving day recently for William Bradley (4253-2) and his family, who now live at 1421 56th St. NW.

At Livermore, Harold A. Becker (8151-1) and his family are settled in their new residence at 614 South Livermore Ave.

C. M. Dixon, Jr. (2243-1) and family moved into their new home at 1408 Marcella NE, Princess Jeanne, last week.



Carol Kaemper (4622)

Take a Memo, Please

High heeled shoes are fine for parties, low heeled shoes are best for work, but safety shoes afford protection for many persons all through the day. If your job makes safety shoes advisable, visit the Safety Store in Bldg. 857.

ton, Mrs. J. P. Cody and members of the decorating committee.

Mrs. Thomas Pace will preside at a short business meeting after which Mrs. Robert Hopper will introduce invited guests from Albuquerque. Mrs. C. B. O'Keefe and Mrs. M. A. McCutchan will serve as hostesses for specially-invited press women.

Sympathy

To Adolfo Martinez (5251) for the death of his mother-in-law on March 2 in Albuquerque.

To Ernest Manning (4221-1) for the death of his brother in Alabama on March 3.

To M. T. Hodge (4224-3) for the death of his mother-in-law in Albuquerque on March 8.

To Irene Kay (4131-4) for the death of her father in Mt. Vernon, Ohio, on Feb. 28.

To Paul Delker (4632) for the death of his wife in Albuquerque on March 12.

To J. W. Sims (4111-1) for the death of his father in Kirklint, Ind., on March 9.

To A. Emiliano Sanchez (4574) for the death of his wife in Los Lunas on March 9.

To Elvin C. Demaree (4573) for the death of his mother-in-law in Albuquerque recently.

To Melquiades Sanchez (2243-3) for the death of his mother on March 9.

To Barbara Bruton (8232-1) for the death of her mother in Pleasanton, Calif., on March 11.

To Judy Vandock (4741) for the death of her grandfather on March 10.

Congratulations

Born to:

Mr. and Mrs. J. C. Barnes (1611-3) a daughter, Cindy Anne, on Feb. 22.

Mr. and Mrs. G. L. Schuetz (1613-3) a daughter, Diane Marie, on March 2.

Mr. and Mrs. Keith Weir (2511) a son, Kristopher Kevin, on March 9.

Mr. and Mrs. C. E. Erickson (5252) a son, Bruce Alan, on March 7.

Mr. and Mrs. Herman Perea (4135-1) a daughter, Mary Elaine, on March 4.

Mr. and Mrs. Emiliano Sanchez (4253-1) a son, Sammy, on March 4.

Mr. and Mrs. Richard W. Hill (4253-2) a son, Michael David, on March 10.

Mr. and Mrs. John Bonetti (8234-1) a son, Jon Kevin, on Feb. 23.

Mr. and Mrs. William H. Closser (5150) a daughter, Jo Anne, on March 1.

Mr. and Mrs. Maclovio Suazo (2243-3) a son, George, on Feb. 18.

Mr. and Mrs. Herbert Flusch (on military leave from 1225) a daughter, Lorianne Maria, on March 13.

Booklet Benefits

A unique use for the offerings included in Sandia Corporation's booklet rack service has been discovered.

Evelyn Ricard (5241) has long kept a file of Sandia booklets at her home. Recently her roommate's mother was visiting from Roswell and spent some of her leisure time reading. She later wrote that the Sandia booklets are being used as topics for the year's program of the Berrendo Club.

This club was organized in 1912 by women in a community in the northern end of Roswell. It is semi-educational and the monthly meetings feature a speaker discussing a specific subject. Some of the subjects they have chosen for the coming year include: Alaska, congress, social security and presidential elections.

Back At Work

Back on the job is LeRoy Hassebroek (5411) after a lengthy absence due to illness.

Department 2540 welcomes W. T. Price (2542) back after an extended illness.

Howard Cole (8123-2) was welcomed back to work by friends recently. He had been hospitalized for several months.

Double Anniversaries

March 6 was the date of a special double wedding anniversary celebration.

Mr. and Mrs. Dave Thomas (2722) were marking their 39th anniversary. The party was at the home of their son, Harold B. Thomas (2722). The younger Thomas and his wife were also celebrating their 12th wedding anniversary.

Weddings and Engagements

J. Arlone Jackson (4623) and Earl D. Braden of Kirtland AFB were married Friday, March 6, at



Arlone Braden

7:30 p.m. at the First Presbyterian Church. They are now making their home at 535 Washington NE.

Arlone is the daughter of Lillian (5241) and Richard C. Jackson (4421) and has been employed at Sandia since last June.

Philip D. Leiserson (8212-2) will wed Marie Ann Hurst of San Leandro on May 10 at Kansas City, Mo. The engagement was announced last month. "Phil" has been with the Corporation three years.

Mrs. John Whalen, the former Leonore Doreen Farnam (8212-3), was married at the First Pres-



Mr. and Mrs. John Whalen

byterian Church in Livermore on Feb. 22. The couple is at home at 435 South Q Street, Livermore, after a wedding trip to Nevada, Utah and Arizona.

Lenore has been with the Livermore Laboratory since August, 1957.



MODEL AIRPLANE NEWS, national magazine for model builders, this month published an article by Don Yearout (1263), shown here looking at the first issue on the newsstand. Entitled "Let a Servo Do It," the article tells of Don's innovation of using servo actuators to control flaps, engine speed, and retracting landing gears on control line model airplanes in flight. Photos accompanying the article were taken by Bill Laskar (4762-1), Lab News photographer.

Husband Sings

Marguerite Paredes (8110), an accomplished singer in her own right, will listen proudly tomorrow when her husband, Felipe, sings "The Seven Last Words," a religious cantata by Theodore Dubois, at the First Presbyterian Church in Pleasanton.

Felipe recently sang with the Oakland Symphony Concert Chorus when they performed the second act of Gluck's "Orpheus and Eurydice."

Speedsters Ready

A group of Sandians will find exciting recreation during coming weekends when jalopy and stock car racing season opens at Speedway Park. Participating in such events as trophy dashes, heat races, Australian pursuits and other special events will be Bud Leonard (4564), Dave Paschal (4564), Al Demaree (4573) and Victor Daly (4250).

Jim Harner, son of Charles Harner (4211), will also be a Speedway driver.

The track opens Sunday, March 29, with races starting at 2 p.m.

Sick List

On the sick list at Livermore is Ray Huston (8212-2), who is hospitalized for a minor operation.

Wishes for a speedy recovery are extended to Agnes Strauss (1650), who underwent surgery recently.

Get well wishes are passed along to Richard Lopez (4224-4), who is convalescing from recent surgery.

Also convalescing from recent surgery is Lawrence Sedore (4221-1). His friends wish him a speedy recovery.

Hopes for a rapid recovery are sent to R. T. Pegue (4231), who has re-entered a hospital for surgery.

Get well wishes are extended to Mary Curtis (4362) who is recuperating at home after surgery.

Friends of Claire Grubbs (8220) wish her a speedy recovery from her recent surgery.

Members of 4741-1 wish Bill Senn a speedy recovery from his recent illness.

Representatives of Livermore Lab Speak To Career Day Groups

Five Livermore Laboratory representatives spoke at Career Day events at three high schools in the San Francisco Bay Area recently.

W. J. Howard, director of systems development at Livermore, spoke on engineering at Livermore High School on March 18 while Cecile McIntosh (8212-3) discussed secretarial careers.

W. C. Scrivner (8150) took part in a panel discussion at San Lorenzo High School March 11 on Engineers and Scientists. The same day Clyde Walker (8123) and Norman Jacobson (8152-2) spoke on the electronics engineer and the electronics technician at the Castro Valley High School.

Sledding Has Perils

The day was bright and the snow was perfect for sledding at Dodge Ridge about 150 miles from Livermore. W. C. Scrivner (8150), was looking forward to a day of tobogganing with his youngsters and some neighbors.

On one downhill dash, however, "Scriv" used his right ankle for a brake and ended up with a bulky cast on his leg. He's back at work, cast and all, and the ankle is reported knitting nicely.

Guidance in Science Will Be Explained At NMSPE Meeting

A program of secondary school student guidance in science will be discussed at a dinner meeting of the New Mexico Society of Professional Engineers March 30. Speaker will be L. E. Bothell (1613), State Educational Director, Engineers Council for Professional Development.

The meeting will begin at 7 p.m. at the Robin Hood Inn, according to Walt Scott (1282), publicity chairman. For reservations or further information contact Walt, ext. 20147.



The Sandia Lab News is an official publication of the Sandia Corporation, Albuquerque, N. M. Office Bldg. 829, Public Relations Division

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Deadline
Friday noon of week
prior to publication



Member Association of Nuclear Editors, Border Council of Industrial Editors, and affiliated with International Council of Industrial Editors.



PRIOR TO LAUNCHING of Sandia Corporation's simulated satellites in the cause of bonds, L. M. Jercinovic, left, and J. C. Leslie, tinkered with the mechanism. Two of these satellites are still traveling throughout the country for the Savings Bond Division of the United States Treasury Department.

Satellites Soon to Go Into Second Year of Domestic Orbiting in Interests of U. S. Bonds

Sandia Corporation's satellites are still helping Uncle Sam sell U. S. Savings Bonds.

Two of these simulated space vehicles are being used by the U. S. Treasury Department to remind citizens that defense of the country costs money.

During the remainder of the year one satellite will be shown in Iowa, California, Utah, North Dakota, South Dakota, Kansas and Missouri. The other unit will travel in Maryland, Washington, D.C., Illinois, Pennsylvania, Wisconsin, New York, Massachusetts and Georgia.

L. M. Jercinovic (4740) who is working with the U. S. Savings

Double Honors

Henry A. Moleculeski (2713) will be twice honored this month.

On March 29 he will mark 10 years of service for Sandia Laboratory.

Earlier this month he was named Albuquerque's Air Reservist of the Month. During World War II he served as a B-29 pilot in the China-Burma-India theater and Henry has been a reservist for 18 years. He holds the rank of major.

Bond Division in scheduling of showings reports that the reception of the two displays is far beyond expectations.

"To potential bond purchasers the nation over," Jerry says, "they are carrying the message that freedom does not come cheaply."

First shown at Sandia during the Corporation-wide bond drive of last year, the satellites attracted much attention. The plexi-

Two Scientists From Systems Analysis on Cleveland Program

D. B. Owen and L. H. Koopmans of the Systems Analysis Department 5125 will participate in a joint meeting of the Institute of Mathematical Statistics and Association for Computing Machines in Cleveland, Ohio, April 2-4.

Mr. Owen will read a report of the activities of the committee on mathematical tables of the Institute of Mathematical Statistics.

A paper, "A Symptotic Rate of Discrimination for Markov Processes" will be read by Mr. Koopmans.

The meeting will be held on the campus of the Case Institute of Technology.

glass casing and an impressive array of electronic gear are a good indicator of the cost of scientific endeavor. The whimsey of adding a hamster exercising cage in the device has also attracted much comment.

"In one city," Jerry reports, "a young girl insisted that her pet animal have the honors of rotating the wheel-like cage. She was allowed to provide the beastie and was so enthusiastic that she turned into an active bond saleswoman."

AIEE Cost-Reduction Workshop Tickets Are Available from Sandians

Tickets and information for the forthcoming cost reduction workshop of the American Institute of Industrial Engineers' Albuquerque chapter will be available from two Sandia Corporation employees.

B. B. Asher (4764-1), ext. 52235, and Perry Davis (4111-1), ext. 31173, will have the tickets for the April 4 workshop. Tickets, which will include luncheon, coffee breaks and workshop materials, will be \$15 for members of AIEE, \$20 for non-members, and \$5 for students and faculty.

Inverted Banana Eating Kinkajou Stops Traffic With Unique Antics

Traffic stopped when Margalee Parkhurst walked by with the strange furry animal dangling from her arm. The tail was wrapped around her upper arm, tiny hind feet clutched at her forearm, and way down near the sidewalk the front end munched a banana nonchalantly from an upside down position.

This is a "kinkajou," from Central and South America. Margalee (4412-7) and Walter Parkhurst (4413) bought the animal several months ago from a local pet shop. They've named him "Kinker" and report he gets along fine with their deodorized skunk, two cats ("one ill-tempered") and two show-quality Afghan hounds.

Although in his native habitat the kinkajou lives in trees and is primarily nocturnal, this one's habits have changed.

"We have to keep 'Kinker' caged as he can climb anywhere as well as a monkey, but we let him out an hour a day for exercise," the young couple explained.

The kinkajou has a long, fur-covered tail similar to a monkey's, but the animal is actually related to the raccoon. The fur is a golden brown and nearly as thick and soft as a chinchilla.

"Kinker" is about a year and a half old and eats almost anything. He makes a piercing noise, similar to monkey chatter, and when lonesome Margalee says he makes a peeping noise.

Kinkajous are not likely to become a common house pet in Albuquerque—only the males are exported to this country.

Sandian's Daughter Again Wins High Honors for Work

Dick Watkins (8162-1) is becoming an increasingly proud parent. His daughter, Joanne, was recently awarded a Certificate of Merit from the National Merit Scholarship Corporation and now she has been proclaimed winner of an essay contest sponsored by the Livermore Junior Chamber of Commerce.

Joanne, a senior at Livermore High School, was presented a winner's plaque plus several other gifts and went on to compete in the Alameda County District Finals.

Her essay in the "My True Security" contest was printed on the front page of the Livermore Herald. In the essay she contends that a self-reliant, mature character is the foundation of true security.



GUARDING HIS FOOD from a perch atop a hat rack is "Kinker," the pet kinkajou of Margalee and Walter Parkhurst. His diet includes both fruit and beef.

SNT Members Hear Paper on Leak Detection

"Nondestructive Leak Detection Techniques," a technical paper by J. G. King (2532-2), will be presented at the Education Clinic of the annual Western Meeting of the Society for Nondestructive Testing. The meeting will be March 16-20 in Los Angeles.

"Leak detection has played an important part in man's entire history," Mr. King's paper reports, "even though we consider it a modern development. The earliest attempts to make cooking pots, water containers, wine skins, or boats must have had leak detection as a vital part of their manufacture, crude though the methods may have been by our standards."

"In our technology today," Mr. King writes, "we are concerned with more sophisticated requirements for leak detection. Examples of modern processes which require leak-detection methods are the handling of highly reactive chemicals under high pressure, the controlling of violently radioactive gases in the manufacture of atomic fuels, or space suits."

The paper described methods, procedures and equipment used in various applications of nondestructive testing for leaks.

Co-Chairman

Max Weber (5121) was named this week co-chairman of the Albuquerque Jewish Welfare Fund. In this position he will help direct the coming campaign to raise funds for the charitable organization.

Hand of Fate Intervenes to Deprive S. C. All-Star Basketball Team of Perfect Series

The pressure was on Fred Millsap (5241). The Sandia Corporation All-Stars were trailing the Sandia Bombers 59-60, one second was left in the game and Fred had just been fouled giving him two free shots at the basket.

The first shot bounced off the backboard and dropped through. The score was tied and if Fred made the next shot the game would be won.

Fred missed, throwing the game into overtime and the Bombers moved ahead. Final score was 70-63. Millsap can take consolation in the fact that he was high point man during the three game series played by the All-Stars.

In the first game against the AAU champion Santa Fe Falstaffers, Millsap with 33 points led the scoring for a 92-76 All-Star victory. Against the Manzano Base All-Stars, Sandia won 66-55.

Millsap averaged 28 points per game while Frank Comiskey (4153) and Ken Flynn (5521) both averaged 11.

The Sandia All-Stars were selected by the Sandia Corporation Employees Basketball Association at the close of league play recently. In the three game series played by the All-Stars, competition was experienced and well seasoned. The record stands at two won and one lost, barely.



SANDIA ALL STARS recently completed a three game series against the Santa Fe Falstaffers, Manzano Base All-Stars and the Sandia Base Bombers. Single loss was to the Bombers, 70-63. In the first row (L to R) are Ron Smith (2544), Verle Swinney (4413), Carl Duimstra (1472), Frank Comiskey (4153), Ken Flynn (5521), Julian

Lovato (4411), and Tom Reyman (4622), coach. In the second row are Bill Doyle (4652), coach, Warner Jones (4564), Len Kracko (1651), Louis Sanders (4564), John Vick (1264), Tom Patterson (4132), Fred Millsap (5241) and Jack Dyer (4652), coach. All-Star players were selected recently at the close of the season.

Medical Director Writes

Control Your Appetite and You'll Control Your Weight

This is the second of two articles by Sandia Corporation Medical Director on the problems of excess weight. This article "Obesity: Causes and Control" tells what sensible methods may be taken to lose weight.

By S. P. Bliss, M. D.
Medical Director

Basically, obesity can only be caused by one of two factors—overeating or a glandular disturbance.

In the majority of cases, the glands have nothing to do with obesity. If a glandular cause is suspected, medical advice should be obtained without delay. Such a consultation will do two things: dispel the illusion if glands are not to blame and open the way to getting something done about it early if there is such a disturbance.

Thus, overeating is the major cause of overweight. If you eat more than your body needs regardless of how little that may be, you are eating too much and you will get fat. Some people will contend that obesity is hereditary and will point to numerous families in which all or the majority of the members are overweight.

The habit of eating too much and unwisely is a common family trait. Tastes for rich foods may be acquired in childhood when fried foods, pastries and other high-calorie foods are a part of the everyday menu.

Psychosomatic

One authority states that obesity is largely a psychosomatic problem in which overeating is resorted to as an outlet for trial, worries, or tension. He says that overeating may become as compelling a habit as alcohol, and efforts at correction may appear as futile. Instead of rationalizing, the maladjusted person seeks relief in eating beyond the body needs. Often it relieves the strain of worry or tension. Some people worry themselves thin, but the authorities believe that for every discontented person who worries himself thin, three gorge themselves fat.

Then there is the person who asks: "Why worry about being fat if eating gives pleasure?" Then one asks: "Why brush your teeth, why be vaccinated, etc.?" The law of self-preservation is strong, and it is up to each person to make his own choice.

Appetite is not necessarily a guide to body needs and is usually a result of eating habits. Hunger can be controlled by eating freely of low calorie foods, such as lettuce, broccoli, spinach, carrots, tomatoes, celery, asparagus, and rhubarb. These foods are rich in vitamins and minerals, but low in calories. Some authorities advise a higher protein intake as part of a reducing diet. Not only do proteins preserve the nitrogen balance, but they digest more slowly than starchy foods, thus helping to reduce hunger.

Exercise Deceiving

Exercise, as a part of a reducing program, can be deceiving. Exercise alone can do little to assist. One doctor has estimated that

one would have to walk 36 miles to rid the body of one pound of excess fat. A man weighing 250 pounds would have to climb 20 ten-foot flights of stairs to rid himself of the energy contained in one slice of bread. Isn't omitting the extra slice of bread a much more logical method of controlling weight?

Turkish baths can be as deceiving as exercise. Sweating reduces weight by removing water. A few drinks of water after such a bath restores the original weight.

Obese people often are discouraged because they fail to lose weight immediately after starting their diet. Such failure can be attributed to water retention and the type of diet they were on before starting the reducing routine. If previous diet was high in fat, the weight loss is lower than if the previous diet was high in carbohydrates. However, loss of weight will come.

Thus, it is a matter of choice on the part of the obese person. He can eat wisely according to his own body needs, or he can eat himself out of a longer, happier life.

Supervisory Appointments

JAMES G. MARSH to supervisor of Classification Section 4723-2, Technical Information Division.



"Jim" has been with Sandia Corporation for more than seven years, part of the time in business methods and the past three years in classification work.

Previously he taught business administration and economics at New Mexico Military Institute, Roswell, for a year.

His other work experience includes two years as an accountant for the Phoenix Union High School system and a similar period as a sales representative for Remington-Rand in Dallas and Milwaukee.

Jim received his Master's degree in economics from the University of Colorado and his Bachelor's in business management from the University of Texas.

THOMAS B. LANE, to supervisor of Stress Analysis Section 8116-1, Product Evaluation Division, Livermore Laboratory.



Tom joined the Corporation in 1956 to work with the structural analysis group at Albuquerque. Last August he was transferred to the Livermore Laboratory where he worked in the stress analysis section until his promotion.

Tom came to Sandia from the Georgia Institute of Technology where he received his Master's degree in mechanical engineering in 1956. Previously he was chief engineering officer on a destroyer while in the Navy, serving three years. In 1951 Tom graduated from Vanderbilt University, Nashville, Tenn., with a Bachelor's degree in mechanical engineering.

He is a member of Pi Tau Sigma, mechanical engineering honorary society; Tau Beta Pi, engineering honorary society; Sigma Xi, research honorary society; the Society of Experimental Stress Analysis, the National Society for Professional Engineers, and is a registered Professional Engineer in New Mexico.

Dr. Frank A. Zack New Member of Medical Dep't

Frank A. Zack, M.D., has joined the Sandia Medical Organization as staff physician. Dr. Zack comes to Sandia from Roanoke, Virginia, where he was in the Medical Organization of Norfolk and Western Railway for five years.

He was in private practice in Silver Spring, Md., for eight years prior to the Roanoke position. During this time he was both sec-



Dr. Frank A. Zack

retary and president of the Montgomery County Medical Society.

During World War II, Dr. Zack was a flight surgeon in the Army Air Corps stationed in England, France and Germany.

Prior to the war he was a staff physician with the Newport News Shipbuilding and Drydock Co. and at the same time engaged in private practice.

He graduated from the University of Maryland Medical School in 1937. He interned at Mercy Hospital in Baltimore.

Golf is Dr. Zack's favorite recreation. Although he hasn't played on any of the Albuquerque courses, he has given them all the once-over and is looking forward to trying them out. He won several tournaments at the Hidden Valley Country Club in Roanoke.

Holy Week Devotional Services Scheduled by Sandia Base Chapel

Protestant devotional services during Holy Week have been scheduled at the new Sandia Base Chapel for 12 noon and 12:30 p.m. March 23-26.

On Good Friday a three-hour service will be conducted for all persons on the Base from 11:30 a.m. through 2:30 p.m. at the new Base Chapel.

Chaplain A. P. Spohn mentions that at all these services persons may come and go as their time allows.



ASKANIA STATIONS at Salton Sea Test Base such as this one operated by Harvey Harter (5214), left, and Jim Keller (5225), will be used to calibrate meteorological equipment of the U. S. Weather Bureau and military services. This instrument is a photo cine-theodolite which records elevation, azimuth, and time of each frame of high speed film exposed during a drop test.

Sandia Askania System to Be Used for Calibration Purposes

Authorities on meteorological instruments from throughout the nation gathered at Sandia Laboratory for a conference last week to plan a unique program in instrumentation calibration and development.

For the first time, various types of standard meteorological instrumentation will be compared against a precise optical measurement system — Sandia's Askania tracking system at Salton Sea.

Types of altitude measuring instruments used by the U. S. Weather Bureau and the military services vary in their readings as much as 1,000 ft. at very high altitudes. These systems will be checked against Sandia's optical altitude measuring system to determine the factors contributing to the differences.

"More accurate and flexible meteorological instrumentation is needed for drop testing," G. L. Miller (5243), conference chairman, said, "and new directions in meteorological equipment development need to be explored."

These needs were discussed during the symposium and suggestions made for instrumentation

development. The comparison tests were planned and scheduled for completion in early September at Salton Sea Test Base.

W. T. Moffat (5240) welcomed the 20 conference representatives to Sandia. In addition to Mr. Miller and Mr. Moffat, other Sandians who participated in the program by explaining various aspects of Sandia's test range instrumentation program included K. L. Kemp (5224), J. S. Keller (5255), R. G. Scharrer (5243), L. E. Jones (5243), G. J. Simmons (5243), E. D. Niper (5243) and C. M. Stover (5221).

John Eckhart Speaks To MARS Operators

John Eckhart (5220) will speak to the New Mexico group of Military Affiliate Radio System Sunday, March 22, at 1 p.m. at Eby's Restaurant.

His talk will be on some aspects of "Telemetry, the Eyes and Hands of Modern Industry and Applied Research."

MARS is a worldwide network of ham radio operators who send and receive messages for the military.



WELCOMING representatives to Sandia Laboratory during a conference on meteorological instrumentation last week is W. T. Moffat (5240) at the speaker's stand. A series of calibration tests of standard

meteorological instrumentation was planned for next fall at Salton Sea Test Base. Representatives who attended the conference were national authorities in the field of meteorological instrumentation.

Personal Health Information Card To Be Available

Personal Health Information Cards, approved by the American Medical Association, may be secured by Sandia Corporation employees from division secretaries.

The cards contain blanks for such information as next of kin, family doctor's name, health insurance policy facts, a list of allergies, blood type, RH factor, cortisone medication and vaccinations. Such information may be obtained from personal physicians.

Doctors recommend that these cards be carried by each person as they are of great help in time of an emergency.

Division secretaries may secure their supply from Services and Benefits Division, 4622.

'Troubleshooting And Search' Job of Materials Laboratory

A do-it-yourself plastics lab, an electronic laundry, and a super-sensitive sniffer are some of the features of Livermore's Materials Support Division (8115).

In addition to these unusual facilities, the division uses batteries of physical testing machines to twist, bend, stretch, and compress material, plus racks of glassware and other equipment for chemical testing.

"We're a combination troubleshooting and search party," says Bill Marsh, the division's supervisor. **"We find new ways to use old materials, and new materials to solve old problems. We'll search out a manufacturer who makes a product tailored to a designer's requirements, or find a contractor to develop the product and manufacture it."**

"Our work involves investigating materials required for current applications, evaluating new materials and products, producing prototypes for testing, placing and coordinating development contracts, maintaining information on sources of materials and equipment, and providing day-to-day consultant services on material problems and applications."

Various Labs

To do this man-sized job, the division operates laboratories for plastics, metal plating, heat treating and ceramics, chemical analysis, metallurgy, and material testing, and for handling poisonous, toxic, and "hot" materials.

Under the do-it-yourself plan for the plastics lab, now under construction, design group people will have access to what Mr. Marsh calls the "rental units," fully equipped laboratory work areas. Here the design engineers can work closely with the plastics lab personnel, bringing to a problem the pooled knowledge of specialists in different fields. Two such units are planned in the lab's new quarters.

Joe Sladky (8115-2), section supervisor of the plastics lab, has equipment for blowing foam, casting solid plastics, and for encapsulating electrical or other small parts into solid, environment-resistant packages. Hal Brumfield works with foams while Rulon Taylor and Bob Zumwalt handle encapsulating work. Bob Weaver, Gary Sheldon and Don Beard make plastic-impregnated fabric and paper laminates, while Rudy Johnson and Floyd Rogers (both 8115-1) apply paints, plastic coatings, and other finishes. Ray Gott and Mike Gregory operate an injection molding machine, which forms intricate plastic shapes weighing up to two ounces by forcing material into accurate



LIKE CAKE FROSTING, glass fibers spray from a hand-held chopper to a plastic-coated part. Alternating layers of fiberglass and plastic spray produce a strong fiberglass laminate. The chopper being used by Don Beard (8115-2) was developed by 8115 for this type operation.

molds under great heat and pressure.

Varied Sticky Stock

"The plastics lab serves as the glue pot for Sandia Livermore," Mr. Sladky says. "Art Grover, Frank Traylor and Ken Peterson investigate commercially available adhesives from which an engineer can select material suitable for joining together almost anything but split infinitives." Working with the engineers and technicians throughout the plastics lab is Jose Gonzales.

The division's electronic laundry is a cathodic bombardment facility being developed by the metal plating lab under Al Ford (8115-1) to hyperclean uranium before plating it with other metals.

"Uranium forms an oxide on its surface that prevents proper bonding between the uranium and the plating metal," Mr. Ford explains. "It was impossible to remove this oxide satisfactorily before cathodic bombardment was employed. Using this process, the uranium is cleaned of the oxide by making it the cathode, or negative pole, of what is in effect a huge vacuum tube containing argon gas at very low pressure. A high voltage impressed across the poles of the tube ionizes the argon, and the resulting stream of ions strikes the uranium cathode, removing the oxide by a process that amounts to electronic sand blasting."

Chemical Milling

Rudy Johnson and Joe Darginis also clean other materials by more usual methods, such as caustic baths, solvent vapors, and ultrasonic vibrations that literally shake the dirt out.

"Chemical milling is also being investigated," Mr. Ford says. "In this process metal is masked in patterns that leave the areas to be milled exposed. The metal is then dipped into an acid or caustic

bath and stays there long enough for the bath to eat away the desired amount of material."

In the heat-treating and ceramic lab, literal hot spot of the division, Bruce Johnson operates kilns at a cozy 2500 degrees F. A kiln is planned for use with ceramics in the new building which will reach 3500 degrees F.

In ceramic work the emphasis will be on structural uses of materials, and will include developing and testing high-temperature insulations, finishes, coatings, and castings for use in such uncomfortably warm environments as rocket nozzles and re-entry nose cones.

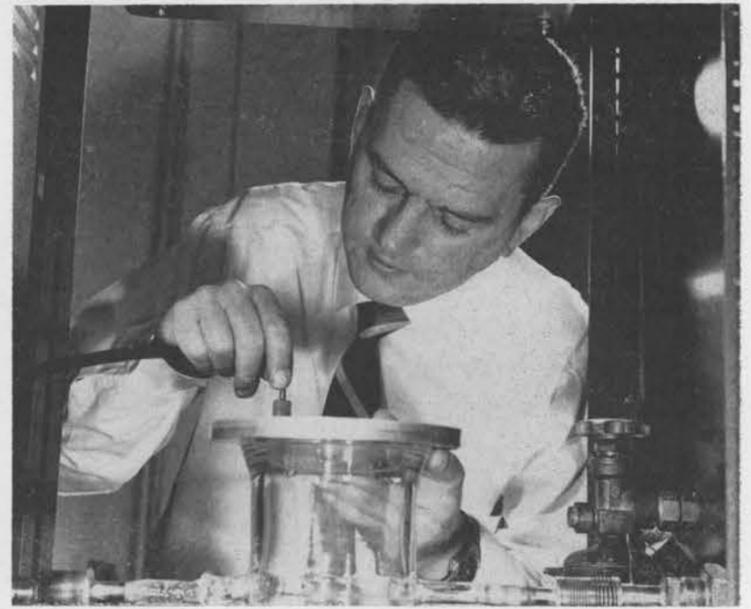
Some coatings will be applied by the flame-spraying technique, in which the coating material sprays through the center of a flame at the tip of a special torch. Although the temperature of the flame is 5000°F, the temperature of the coated material does not rise above 400°F, because the flame is played back and forth over the material being coated.

Chemical Analysis

Chemical analysis is another big job. For instance, one part in 10,000 is of the order of a needle in a haystack, but even that small amount of unwanted gas dissolved in an alloy can seriously degrade physical properties.

When an alloy's behavior suggests that it contains such unwelcome ingredients, Charles Arthur works in the chemical analysis lab to isolate and identify them. Once the intruders are known, steps can be taken to eliminate them from the alloy, or to circumvent their undesirable effects if they cannot be eliminated.

The supersensitive sniffer is operated by Dick Nickerson. Imagine a leak rate so low that it would take 32 years to fill a quart



JOE DARGINIS (8115-1) attaches a lead to the metal disc that serves as the plate of the cathode bombardment machine's giant vacuum tube. The plate carries up to 5,000 volts when the machine is laundering uranium in the Livermore metal plating lab.

milk bottle through a metal membrane five thousandths of an inch thick and the size of the bottom of the milk bottle. Yet a leak rate that low can be detected by the hydrogen sniffer in the metallurgy lab.

Near-Perfect Vacuum

Used to study the permeability of metals to gases, the device has two chambers, one on either side of the metal membrane to be tested. One chamber is pumped to a near-perfect vacuum—one ten-billionth of an atmosphere—and the other is filled with gas at atmospheric pressure. As the gas seeps through the metal, the sniffer measures it with a sensitivity that amounts almost to atom counting.

Twist, bend, stretch, crush: These are not instructions to a wrestler, but a description of what a test specimen may undergo in the machines of the division's material testing lab. Equipment in this lab can test the physical properties of specimens ranging from super-tough steels with a tensile strength of 120,000 pounds

per square inch to delicate films with a breaking strength of only a few grams. In the material testing lab Jim Mellinger and Clarence Karfs can test a steel billet to destruction or test a feather without damaging it.

Varied Tests

Here materials are tested to measure their elasticity and compressibility, impact strength, yield point, limits for torsion and flexing, and the degree to which they are subject to heat distortion. And as Sandia's customers do not always provide products the best of environments, specimens are run through these tests over a wide range of temperatures.

Not all the testing done by the lab is likely to break the sample. Nondestructive testing facilities operated by Jack Foster and Harry Olson include X-ray and radioisotopic radiography, ultrasonic vibration, magnetic methods, and measurements of density times thickness by X-ray or gamma ray sources.

Some of the materials that find their way into the division's laboratories are about as pleasant to handle as a black widow spider, and some objects are actually handled at the end of the proverbial 10-foot pole. Poisonous, toxic, and dangerously radioactive specimens are handled in the "hot" lab, which has remotely operated machine tools and testing devices to permit a variety of testing and forming operations without danger to employees.

Personnel in all the laboratories of the Materials Support Division work closely together, each supporting the other to form an integrated service organization that finds, tests, and evaluates the materials needed by design engineers at Sandia Livermore.



ADJUSTING the radiation source holder on the DXT Machine is Harry Olson (8115-1). DXT means **Density Times Thickness.** The machine uses radiation to precisely measure materials density variation.



FOAM PLASTIC rising like yeast from the one-liter beaker at left has increased its volume 30 times in a few minutes. The plastic began its "rising" process when 40 cc's of the liquid, like that being held by Mike Gregory (8115-2), entered the beaker.



CERTIFICATE honoring Sandia Corporation's 1958 fire prevention activities is displayed by Ted Rosenwald (left) and H. H. Pastorius of the Inspection and Fire Prevention Section 4542-1. The certificate was awarded Sandia for placing fourteenth among 104 North American industrial entries in a contest sponsored by the National Fire Protection Association. Salton Sea Test Base fire prevention activities placed eleventh in the same contest.

Sandia Helps Curator in Problem Of Illuminating Dinosaur Bones

"I need information and know of no better place to write than to you."

With this introduction, Hiram L. Parent, director of the Ghost Ranch Nature Museum, Abiquiu, N. Mex., outlined his problem in lighting a fossil display case in a letter to Sandia Corporation.

"In a case four by four feet under glass we have a series of dinosaur bones . . . I want to put a light in the two bottom corners to give a dramatic cross-lighting. There is room for bulbs the size of 60 watt house lamps—these are not quite bright enough. The problem—I need about 100 watts in each light with the least amount of heat possible. Can you suggest a solution . . .?"

From the Public Relations Division

4731 the question was forwarded to Earl Craven in Electrical and Mechanical Design Division 4543 who suggested several solutions to the problem.

First, Earl suggested using a commercially available small diameter very efficient reflector lamp. Another solution was using black-colored fluorescent tubes that give no visible light but would cause the bones and rock to glow with contrasting brightness. A final suggestion was the use of alternate incandescent and "black light" tubes for a contrasting flashing effect.

Many unique requests come to Sandia. This was one of the more specific ones, and a little out of the ordinary.

Walter H. Burns Retires March 17

Walter H. Burns will retire March 27 after 10 and one-half years at Sandia Laboratory. He works in Stores Division 2223.

Walter maintains he's going to "sit and rock" until he decides



Walter H. Burns

which vegetables and which flowers to plant where. "Already have my onions in," he noted. At any rate Walter always has a nice garden at 229 General Patch NE and Mrs. Burns obligingly preserves the fruit from their trees.

Their four children are already grown, but all live in Albuquerque. Walter remembers coming to New Mexico in 1900. The trip by covered wagon from Phoenix to Aztec took six weeks.

"I never did have time to learn to fish," he said, "but think I'll probably try it now."

Welcome Newcomers

March 2-13

- Albuquerque**
 - Robert R. Beasley 5214
 - Carol L. Bowerman 2561
 - Arabelle M. Ellsworth 4623
 - Marie J. Gilpin 4623
 - M. Celina Ortiz 4623
 - Gloria J. Peebles 2622
 - Jeanne D. Ryan 4761
 - Elaine B. Sharp 4542
 - Carolyn J. Williams 4764
- California**
 - Charles T. Romano, Walnut Creek 8213-2
 - Ubbie F. Hammer, San Francisco 8114-1
 - *Herbert A. Hilgers, Jr., Livermore 8221-1
 - Joan L. Kincaid, Brentwood 8212-3
 - Allan L. Scott, Oakland 8114-1
 - Raymond Falcon, San Lorenzo 8213-2
 - *Ruth M. Burns, Livermore 8232-1
 - Gloria K. Yano, Livermore 8232-1
- Colorado**
 - James W. Doggett, Fort Morgan 1613
- Indiana**
 - James A. Van Meter, Indianapolis 8114-3
- Iowa**
 - Frank E. McMurtrey, Mount Pleasant 8232-1
 - *James P. Young, Iowa City 2543
- Maryland**
 - Avery M. Gage, Silver Spring 1232
- Michigan**
 - Francis B. Corey, Niles 1263
- Missouri**
 - *Paul C. Jones, Jr., Columbia 2561
- Nebraska**
 - Donald C. Hanson, Elsie 5243
- Ohio**
 - Hans G. Baerwald, Cleveland Heights 5132
 - Robert B. Frantz, Dayton 1611
- Oregon**
 - David E. Arnett, Klamath Falls 8232-2
- * Denotes rehired
- Returned from Leave**
 - Ruth Ann Dougherty, Albuquerque 4423
 - Dorothy J. Duren, Albuquerque 4653
 - Margaret A. Polaszek, Albuquerque 4623
 - Robert E. Taylor, Charlotte, N. C. 1521

Noontime Movies Packs'em In, Light Opera to Horse Opera Fare

On the screen Burt Lancaster charges the machine gun tower. It's a prison riot with convicts on rampage but the audience of Sandia Corporation employees casually munch sandwiches, peel bananas and explore their lunch boxes.

Next week the movie changes to a Gilbert and Sullivan light opera, "The Mikado."

Variety in programming is one of the factors contributing to the full houses each week for the noon movie programs provided by Services and Benefits Division 4622. Action, adventure, romance, musical comedy and educational films all find a place in the fare offered for noon hour relaxation.

Two full length features are shown each week in the basement conference room of Bldg. 802 and in the orientation room of Bldg. 849. Half of the film is presented per showing and completed the next day.

The program began informally when J. J. "Mike" Michnovicz, supervisor of the Photo and Reproduction Division 4762, received numerous notices of free movies available from various public service organizations. He ordered several and made showings available to Document Department employees.

The word spread and large audiences began attending the noon shows. At this time Services and Benefits Division was asked to formalize the program. Hollywood films were ordered and the program began on its present basis.

In more than a year of operation, no movie showing has ever failed to attract a crowd. About 150 employees can be seated in Bldg. 802 while 75 can be accommodated in Bldg. 849.

Projectionists for the program are photographers from the Photography Section 4762-1.

Dr. David Carter Colloquium Speaker

"Gravity Fluid Flows with Free Boundaries" will be discussed at a meeting of the Sandia Corporation Research Colloquium Friday, March 27, Craig Hudson (5111). Colloquium chairman, announces.

Speaker will be Dr. David Carter of the University of Washington mathematics staff. The meeting will begin at 1:30 p.m. in the basement conference room of Bldg. 802. Tickets are not required.

For the coming two weeks the movie schedule is as follows:

March 24-27—Movie "A" is "The Tarnished Angels" starring Rock Hudson and Dorothy Malone. Movie "B" is "The All American" starring Tony Curtis and Lori Nelson.

March 31-April 3—Movie "A" is "Finders Keepers" starring Tom

Ewell and Julie Adams. Movie "B" is "Dawn at Socorro" starring Rory Calhoun and Piper Laurie.

Movie A will be shown in the basement conference room of Bldg. 802 on Tuesdays and Wednesdays and in Bldg. 849 on Thursdays and Fridays. The schedule is the reverse for movie B. Shows start at 12:05.



PROJECTIONIST Bob Hall eats lunch and runs film at the same time during a noon movie showing. Photographers of the Photo Section 4762-1 alternate in performing the assignment.



EMPLOYEES silhouetted against the screen enjoy a western action film during a noon movie showing. Adventure, drama, musical comedy and film classics make up the fare of the program. It is administered by the Services and Benefits Division 4622.



NOON HOUR RELAXATION is reflected in the faces of employees enjoying a noon movie in the basement conference room of Bldg. 802. Varied of-

ferings of the programs continue to draw capacity audiences for the two full-length feature films shown in two parts each week in Bldgs. 802 and 849.



Sandia Corporation's current safety record of 30 days without a disabling injury ended Friday, March 6.

HERE'S WHY...

An employee was adjusting a stapling machine when his foot accidentally tripped the machine. The stapler came down and fractured his finger.

Service Awards

Ten Year Pins



Raymond E. Arvidson 5521 March 21, 1949
Gordon L. Harvey 1464 March 21, 1949



Henry A. Moculeski 2713 March 29, 1949
Dale J. Massey 5532 April 1, 1949

Five Year Pins

March 21-April 3
W. L. Pritchard 4842, Ernest E. North 4411, Robert D. Charlton 1461, Ray G. Cooley 4581, Jess Denton 4513, Kyle B. Williams 4253, Fidel B. Zamora 4572.
Louise A. Lewis 4252, Vonna J. Burroughs 4413, Norman G. Baker 4581, John C. Zimmerman 1262, Carol E. Cowan 4431, Dorothy E. Mann 4723, William E. Zemka 4411.

Two Year Certificates

March 21-27
Douglas W. Pfaffl 2722, David M. Shuford 1461, Frank C. Moore 4574, B. S. Cervantes 4131, Joan M. Etchison 8212, Robert E. Zumwalt 8115, Ellen A. Mendibites 4761.
M. Elizabeth Stroud 4431, L. P. Billmaier 5213, John A. Caldwell 4762, Edgell C. Gooden, Jr. 5524, Alden J. Derby 4323, Robert J. McMurry 5256, Robert W. Galbraith 1613.
George C. Wayland 4631, David L. Field 5534, Norma B. Erne 4762, Gordon E. Cheek 4221, Alvar B. Anderson 1611, Betty G. Montoya 4623.

March 28-April 3

Rogelio G. Gonzales 4574, R. J. Johnson, Jr. 4412, James L. Davis 4572, Donald A. Lloyd 8162, Pearl R. Johnston 8161, William L. O'Trimble 6021, Robert J. Reed 1541, Leaburn D. Bice 2551, Hudson S. Dennis 1541.
Joseph E. Deveney 1218, Charles M. Barnes 1452, Shirley S. Blake 4725, Luvena M. Trujillo 4573, Arthur W. Kellom 1247, Leland R. Alhorn 1263, T. M. Martinez 2251, Orville Clark 2722, Thomas K. Smith 4243.
Nancy J. Nelson 4413, H. Donald Sivogus 1613, Philip L. Class 1261, Raymond I. Negus 4251, John P. Trodden 1462, Jesus M. Baca 4842, D. June Leonard 4731, Viola G. Castillo 4762, Gerald F. Hastings 4411, Estra C. Hill 8212, Harvey E. Morse 2532.

Boxers Are First Love But Sandia's John Bewley Has Shown 55 Breeds

John Bewley (4413-2) is in the enviable position of having a hobby in which his whole family can participate, and as a bonus it pays its own way.

John is an American Kennel Club licensed handler with many years experience here and on the East Coast. His wife handles her own home-bred Boxers in local dog shows, and his two daughters are active in Junior Showmanship classes.

Although John's first preference is Boxers, he has handled 55 of the 112 AKC recognized breeds. He has had much experience with Doberman Pinschers, Pointers and Dachshunds, but is also working with English Bulldogs, various Terrier breeds, Collies, German Shepherds, Afgan Hounds, German Shorthaired Pointers and Boston Terriers in the southwest. Right now he's finding himself pretty busy with all the spring dog shows coming up, where he'll be showing dogs of one breed only, as well as the all-breed shows.

John says he felt completely cut off from the dog world when he first came to Sandia Corporation in 1957 from West Haven, Conn. Then, through another employee in his organization he met the owners of a local dog kennel and they introduced him to other dog lovers. Now he's almost as busy

as he was back East. John, who is affiliated with El Rancho Kennels, is always willing to talk dogs with anyone who's interested.



HANDLING DACHSHUNDS is one of John Bewley's (4413) specialties. He showed the long-haired Dachshund pictured above to champion five times.

Florida Fish Meet Comeuppance When 'Slim' Wets Hook

Ask C. L. "Slim" Wilson (1411-2) how the fishing is in Florida, and he'll probably be too busy pulling them in to answer. Recently a day's fishing catch was 53 silver and speckled trout. Other catches recorded have been 42 Spanish mackerel caught one morning followed by 67 the same afternoon; a 10½ pound Red King, several 4 to 6 pound Red Fish and Jacks, and over 175 pounds of black and red Groupers, the largest one weighing 26 pounds.

All of these fish were caught near the town of Indian Rocks Beach, except the Groupers which were caught some 20 miles out from Clearwater.

Slim is on loan to General Electric at the Pinellas Peninsula Plant in Florida.



SECURITY HONOR AWARD is admired by Terrance B. Miller (left) whose Acceptance and Inspection Branch won the AEC Sandia Area Office competition. Area Manager Charles C. Campbell (right) made the presentation and gave commendation letters.

Volleyball League Starts Play With 18 Teams Participating

League play begins Monday for the Sandia Corporation Employees Volleyball Association. Eighteen teams for men have been formed and four women's teams organized.

With some 200 employees participating, there remain some vacancies on several teams yet to be filled. Anyone interested in participating is urged to contact Services and Benefits Division 4622, ext. 29157.

Games are played in the Sandia Base Gym Monday through Thursday beginning at 5:30 and 6 p.m.

Security Award Goes to A&I Branch

The Acceptance and Inspection Branch was winner of the first annual security performance competition conducted between the branches comprising the AEC's Sandia Area Office.

Charles C. Campbell, Area Manager, presented to Terrance B. Miller, Chief, Acceptance and Inspection Branch, a plaque emblematic of top security performance during 1958. The plaque will remain in permanent possession of the Branch. Each employee of the Branch will also receive a letter of commendation.

SHOPPING CENTER

CLASSIFIED ADVERTISING

Deadline: Friday noon prior to week of publication unless changed by holiday.

RULES

1. Limit: 20 words
2. One ad per issue per person
3. Must be submitted in writing
4. Use home telephone numbers
5. For Sandia Corporation and AEC employees only
6. No commercial ads, please
7. Include name and organization.

FOR SALE

2 BRM. HOME, wall to wall carpet, l.r., d.r., hall, bedroom; central heating, Venetian blinds, drapes, landscaped, walled yard. Hammond, AX 9-1505, 2331 Cardenas Dr. NE.
'53 OLDSMOBILE, Super 88, 4 door, Hydramatic drive, R&H, new battery, 1959 plates, \$500. Baker, AX 9-6896, 10417 Gloria Pl. NE.
STEEL CASEMENT windows, 2; outside glass panel door, screen door, 1/2 price. McCammon, AL 5-6125.
'55 LINCOLN Capri, all power equipment, 17,000 miles. Castillo, AM 8-8772.
WESTINGHOUSE FAN, 24", new. Reinertsen, AL 5-1954.
TRAILER FRAME, hitch, ball and box, 6 ft. by 10 ft., \$13; Cushman lawn mower converted to use electric motor, \$8. Stuart, AL 5-0661.
FRONT AXLE for Chevrolet pickup, converted for trailer, complete with hubs, tires, tubes and wheels, \$18. Draper, DI 4-2743.
REPTILE SHOES, Palizzio, size 6½B, light turquoise color, open toe and heel, worn twice, cost \$20, sell for \$10. Cooper, AX 9-4260.
'54 FORD tudor, '55 power-pack engine, OD, power brake, power seat, extensively customized inside and out. Kown, ext. 21147.
SNOW HOME, 3 br., 1¾ bath, attached double garage, carpeted, landscaped, walls, paved driveway, \$14,500 total, \$1,650 down. Hughes, AX 9-0135, 9921 Leyendecker NE.
JUICE EXTRACTOR for vegetables and fruit juice. Carlson, AM 8-8138.
GE RANGE, \$95; oak bunk beds with innerspring mattresses, \$45; double size innerspring mattress and springs, \$12.50; child's playhouse 4' x 9', \$20. Farmer, AL 5-7279.
'53 FORD Ranch Wagon, two tone, over-drive. Will trade for 1/2 ton pick-up. Morehouse, AX 9-0028.
UPRIGHT FREEZER, 21', \$375; saddle more, 4 year old Palomino, gentle and trained for riding, \$20. Ford tudor, 1949, \$75, good transportation. Russell, DI 4-3771.
DINETTE TABLE and four chairs, hard-rock maple drop leaf, sells for \$119 new, will sell for \$50. Crompton, AX 9-5569.
WALL PLAQUES, Oriental; pair Oriental figurines, misc. items. Ortiz, AL 5-5636.

POOL TABLE, regulation size, Brunswick-Balk-Collander, cues, rack, balls, etc. \$50. Stringer, AX 9-3643.

HOFFMAN ROYAL, corner lot, sprinklers, carpet, drapes, dishwasher, disposal, covered patio, near schools. Sundberg, 2901 Moon St. NE, AX 9-2177.

HEADBOARDS; cabinet with drawers, shelves, \$30; charcoal; garden tools; fence; ladies' clothes sizes 11-14. Tendall, ext. 23195.

UHF OUTFIT, complete, transmitter AV112A, receiver ARC-5, whip antenna with loading coil, all necessary cables. Power supply is dual vibra-pack. Nelson, AM 8-8837.

ANTIQUE MEXICAN hutch, \$35. Fortman, AL 6-4514.

RIFLES: Springfield 30:06, K-4 scope, \$65; Savage 30:30, bolt action, \$30. Sell or trade for shop tools or building materials. Scott, 9808 Aspen Ct. NE, AX 9-3412.

'55 GERMAN Opel sedan, \$725. Hynes, AX 9-0001 after working hours.
40" ELECTRIC RANGE, Sears wringer washer, 1 ton refrigerated air conditioner. Sell or will trade for power tools. Herman, AX 9-5800.

CAMERA, Mercury II, will sell or trade for old guns. Peters, 1023 Grace NE, AX 9-4327 after 5 p.m.

FOLDING GATE 1:50; chrome high chair \$10; baby bed w/5 drawer chest and mattress \$35. Benedict, 609 Grove NE, AL 5-0234 after 5:30 p.m.

'56 NASH Ambassador V-8, hydromatic, 34,000 miles, w/w nylon tires, PB, air conditioned. Price, DI 4-4821.

MATCHED WESTERN saddle, bridle and breast collar with extra bell tapaderos, \$100. Harness, AL 5-6133.

'50 DE SOTO club coupe, ideal second car, radio, heater, Baker, AL 6-2492.

RANGE, RCA Estate, gas, automatic oven, grill, \$95. Reinhart, AX 9-2887.

FLASH GUN, Heiland dual transistor futuristic strobonar electronic, model 64-B. Cost \$60, sell for \$40. Sisler, ext. 25173.

'49 INDIAN SCOUT, runs okay, \$125 or trade for scooter or guns. Pritchard, AL 6-5667.

HUB CAPS, wire wheel, 6 bolt on, Nash-Rambler, American, or Statesman, can't come off. Cost \$90, sell \$45. Dave, CH 7-1035.

'51 KENMORE range, deep well cooker, automatic oven timer, clock, white, \$50; Sunbeam mixer, \$10. Bruce, AX 9-2542.

SEWING MACHINE, Kenmore electric cabinet model, walnut, \$48; blond mar-proof Sylvania TV console, 17", needs small tube, \$30. Newell, AL 6-7435 after 5.

'57 PLYMOUTH Belvedere 4-door, Torque-flite, w/w, R&H, padded dash, lacrifer paint, undercoat. Book price \$1,760, sacrifice for \$1,495. Wiesch, AL 6-7236.

WINDOWS, casement, 2, size 3323 and 2424, glazed, with screen and actuating hardware, \$22.50 each or best offer. Roussel, DI 4-1080.

CREDENZA, dark mahogany, 3 large drawers, desk compartment and shelf space, \$100; Maytag wringer type washing machine with pump, \$50. Ogden, CH 9-4723.

RECORD CHANGER, Heathkit RP-3, new and assembled, \$65. Wilson, ext. 42242.

NEXT

DEADLINE

FOR SHOPPING CENTER ADS
Friday Noon, Mar. 27

WASHER, Kenmore automatic, 4 years old, needs new agitator, \$25. Scott, 2912 Wisconsin NE.

PIANO, Cable-Nelson spinet, mahogany finish, \$300; silver fox finish dining table and four chairs, \$75. Yearout, ext. 24171.

TRAILER, two wheel, 4' x 4' x 6' enclosed box, for long distance moving or camping, \$75. Lacey, 804 Manzano NE, AM 8-3272.

2 BRM. HOME; hw floors; attached garage; close to schools, base; new FHA loan, \$600 down. Pons, AL 5-2990, 316 Gen. Chenauff NE.

TRAILER HITCH, equalizer, \$45. Payne, AM 8-3184.

'57 FORD Ranchero, standard transmission with overdrive, power brakes, Thunderbird V-8 engine, make offer. Chacon, AX 9-3306.

MUST SELL '50 Chevy, 2 door, std. trans., R&H, \$175 or '53 Plymouth, 4 door, std. trans., \$475. Warn, AL 6-6446.

TRAILER, 2 wheel home-built with lights, spare and folding top. Scranton, 2522 Gen. Bradley NE, AX 9-4902.

HOUSE TRAILER, '50 Spartan, beside cement block room with fireplace in Sandias. Tear-drop camping trailer, sleeps two, no cooking facilities, \$100. Souder, ext. 34161.

WOOD JOINTER, Sears 4"; Atlas 13" jig saw; Atlas wood shaper, Cushman Husky engine; Jacobs generator chucks. Want metal turning lathe. Pliner, AL 6-1907.

SPRINGER SPANIEL pups, liver and white, excellent show and hunting stock. Westman, AL 5-6048.

ROOM DIVIDER or bookcase, 5' x 5' x 6'; very unusual design. Like new, \$75, original price, \$250. Scharpen, 1208 Parsifal NE, AX 9-0842.

3 BRM. HOME, Roberson built, 1¾ baths, hardwood floors, built-in oven, range, A/C rough in, pitched roof, landscaped. MacDougall, AX 9-6861 after 5:30 p.m.

TAPE RECORDER, Wilcox-Gay, push button control, dual track, holds 1200 ft. reels, \$80. Eaves, AL 6-6185.

GAS RANGE, 40" Tappan, 2 years old, \$85. Five piece wrought iron dinette, \$30. Peppers, 413 Conchas St. NE.

'56 CHEVROLET V-8, 210, 2 door, one owner, straight transmission, \$1,095. Schellenbaum, ext. 33238.

GAS RANGE, Bluebonnet 30", \$45; white hand crocheted tablecloth, make offer. Chavez, AX 9-0219.

'52 PLYMOUTH station wagon, \$350. Long, AX 9-1416.

CHEVROLET ENGINE, 1956, completely overhauled, ready to mount, use with automatic and/or straight transmission. Burns, AL 5-3737, 1319 Dartmouth NE.

TEAR DROP camping trailer. Ellis, AL 6-5759, 226 Gen. Hodges NE.

HOUSE TRAILER, 35 foot Royal Spartanette, built in TV, large aluminum awning, carpets, \$2,950. Hollingsworth, 4300 Prospect NE., Lot 11.

TENNIS RACKET, Spalding, w/frame; middle weight, \$10. Pfaffl, Ext. 43182.

'52 ALLSTATE Scooter, 3 hp, recently overhauled, \$75. Denish, AL 6-1559.

'57 PLYMOUTH, 2 door hardtop, push button drive, \$1,325 cash; mountain lots 1 mile south of Pine Flats, ¾ acre and up. Wolfe, CH 3-0549.

PICKET FENCE, 150 ft. long x 3¼ ft. high, 2 gates, \$60; Gym-Dandy swings, \$15. Can be seen at 3170 41st Pl., Sandia Base. Kohut.

'56 CHRYSLER, hardtop, power steering, auto. trans., 26,000 miles, below book. Roth, CH 3-0522.

TAPE RECORDER, Webcor stereo, three speed, five months old, seven reels of tape, \$150. Dell, AX 9-2885.

MOVIE CAMERA, 8mm Revere, 500 watt projector, light bar and splicer editor, will trade for ham receiver. Shane, AL 5-5673 after 5:30.

HUSQVARNA .22 caliber revolver, see to appreciate, \$22. Donaldson, Ext. 45240 between 12 noon and 1 p.m.

SECTIONAL SOFA, 2 piece, dark turquoise, \$35; gold TV chair, \$10. Ault, AX 9-2054.

SEWING MACHINE, White electric, walnut cabinet model w/attachments, \$30. Hoagland, AX 9-7097.

GAS RANGE Universal 40". Kenmore wringer washer, draperies, 1 pair full length, 2 widths each side; 2 pairs full length, all lined. Weidman, AL 6-3349.

RADIO, 6 volt Ford Model, \$20. Archuleta, Ext. 20174.

TWO ACRES w/cabin in Manzano Mts., \$1,500. Meyer, AX 9-4341 or AX 9-0837.

TWIN BEDS, maple, Slumber King innerspring mattress and box spring. Easy Spin-Dry washer. Patzer, 215 Montclair Dr. SE.

'50 CHRYSLER, conventional shift, six cylinder, two door, clean, \$200. Weaver, CH 2-5560, 1425 Roma NE.

POWER MOWER, 22" rotary, 2½ hp, 4-cycle engine w/wfinger tip throttle control, trade for 2 wheeltrailer. Harker, Ext. 39166.

MALLARD DUCKS, full grown, \$5 a pair. Tatum, CH 2-9021.

3 BRM. HOME, Hoffman Royal, 1¾ baths, den, garage, circular drive, drapes, shades, carpeting throughout, disposal, dishwasher. Preston, AX 9-1948 after 5:30 and weekends.

GIRL'S BICYCLE, 26" English racer. Spence, AX 9-4562.
14' BOAT and trailer, 7½ hp motor, \$175. Berlier, RFD No. 1, Box 312, Belen, UN 48825.
'49 CADILLAC, O.H.V., 4-door, R&H, hydramatic, extra clean, \$395. Clemons, AX 9-6004, 1817 Somervell NE.
SHOE SKATES, girl's size 6, hardly worn. Daily, Ext. 49256.
PEKINGESE, AKC registered. Dobbs, CH 2-9275 after 5:30 p.m., 2704 McEarl SE.

TWO SUITER black leather suitcase, \$10; step-on diaper pail, \$2; safety server, \$4; green wool hall runner, \$5; Sutton, AX 9-0384.

ELECTRIC RANGE, Admiral Deluxe, \$125. Montoya, AL 6-5434, 1000 San Pedro SE.

'57 MGA COUPE, completely equipped, will sell or trade equity for older model car. Van Fleet, AM 8-0730 after 4 p.m.

ROPING SADDLE, rough side out, never used, brand new. Townsend, DI 4-7352 evenings.

'57 FORD Skyliner, retractable top, clean, low mileage, \$2,600. Tanner, AL 5-8587.

BABY BUGGY, Storkline Deluxe model, reasonable. Elliott, AL 5-5742.

TWO BRM. HOME, frame stucco. King, AL 5-4008, 2615 Morningside Dr. NE, after 3:30 p.m.

DIAMOND ENGAGEMENT and wedding ring set w/10 diamonds; size 6½, worth \$288 on trade for other jewelry, make offer. Chapman, AM 8-1210.

12' RUNABOUT w/trailer, new, \$325; 16' utility boat, 1 year old, \$170; 30 hp Mercury motor, \$400. Cox, AL 6-1977, 510 Espanola St. NE.

WANTED

HOMES FOR KITTENS. Five, free, your choice. Osterby, AX 9-4606 after 5 p.m.

USED COPIES of Zane Grey's westerns. Baldwin, AL 5-4238.

TEN Key electric adding machine and Exercycle in good condition, will pay cash if price is right. Alderete, AL 6-6047. After 7 p.m., CH 2-1050.

WOOD LATHE, used, condition not important, price is. Colp, AM 8-8035.

CHILD CARE in my home, a 3 or 4 year old girl, near Mark Twain school. Allen, AL 5-7048.

WILL PAY CASH for old envelopes, postcards, etc. w/New Mexico or Ariz. postmark before Jan. 1912, Oklahoma before Nov. 1907, other states before statehood. Write Monte Lawton, Sandia Park, N. M.

BABY SITTING in my home. Holmes, 11312 Hannett NE, Princess Jeanne Park.

FOR RENT

3 BRM. HOME, unfurnished, close in, fine neighborhood, \$110 per month includes water. Vytflacil, CH 2-5765.

3 BRM. HOUSE, unfurnished, near bases and schools, has carpeting and drapes, water paid, \$100 month. Alberts, Ext. 37298.

ROOMS FOR men only, community kitchen and shower, utilities paid, \$25 per month. Lopez, CH 2-3986, 216 Princeton Dr. SE.

LOST AND FOUND

LOST—Schaeffer pen w/silver top, 4 keys on chain w/initial D, silver bracelet w/elephants, lady's white cotton short glove. LOST AND FOUND, Ext. 26149.

FOUND—Pearl and gold chain earring, 2 \$1 bills found in Bldg. 804, blue leather gloves, 3 blade bone penknife, blue Parker ball point pen, lady's black cotton glove. LOST AND FOUND, Ext. 26149.

LIVEMORE FOR SALE

SOFA with removable bolster, dark green, \$10. Wells, HI 7-3446.

Sandia Tech Library Serves As Laboratory Research Center

"The main difference between a technical library and a public library is that the former is not only a storage place for books and periodicals, but is actually an active research center."

Lee Parman, supervisor of the Technical Library Division, was discussing how the library can save engineers and scientists time by assisting them in finding sources for needed information.

However, Sandia's tech library is designed to assist not only the workers in research and development fields but also to be used extensively by other organizations.

Broad Field

"We have books dealing with labor, many in the management field, various ones useful to technical writers, and government publications of the Atomic Energy Commission, National Bureau of Standards, Department of Defense, and other agencies," Mr. Parman pointed out.

Every day the librarians are called upon to find the answers to perhaps 15-20 reference questions. Queries requiring extensive research work number three or four daily.

Questions of non-R&D nature have included: How can I set up a file system? How many Master's degrees in science were awarded in 1958? Do you have any organization charts for large companies? What is the wage rate for draftsmen in Cleveland? Do you have any reports of the House Committee on Un-American Activities dealing with Communist dangers? I'm giving a talk on the growing Southwest, do you have statistics or background material?

These queries might have come from a secretary, personnel organization, Business Methods, Labor Relations Department, security personnel, or a Sandia official.

Under the library regulations most books may be borrowed for four weeks and renewed as many as four times unless there is a waiting list. Newly acquired books may be kept for only two weeks if there are additional requests for it. The technical library has a large number of reference books including Who's Who, encyclopedias, current telephone books from many cities, dictionaries for English and foreign languages and for specialized fields, manufacturer's directories, etc. Many of these may be checked out overnight.

Many Periodicals

"We also subscribe to 850 different periodicals," Mr. Parman said. "Anyone can get on a list to see a particular magazine regularly by calling the library." Extra copies and bound volumes of periodicals are available in the library.

In addition to the main technical library in Bldg. 802, the fa-

cilities include a reference branch library and a collection of medical books. Livermore Laboratory has its own technical library but may borrow titles from the library at Sandia Laboratory.

library, and a collection of medical books. Livermore Laboratory has its own technical library but may borrow titles from the library at Sandia Laboratory.



READY FOR TRANSPLANTING on military bases are these large trees. Jim Winter, supervisor of Grounds Maintenance Section, and gardener Ben Armijo check burlap wrappings around the roots.

Sandia-Grown Trees Helping Keep Military Bases Green

Sandia Base, Manzano Base and Kirtland AFB are among installations benefiting from some very "green thumbs" among Sandia Corporation employees.

During the seven years that the Corporation nursery has been in existence the trees had grown and

grown and grown. In fact the mortality rate was so low that Jim Winter, supervisor of Grounds Maintenance Section, found himself with about 1,500 trees of all sizes and all types on his hands.

The trees were offered to Sandia Base and Kirtland AFB for transplanting in new housing areas. Manzano Base will use some for landscaping. The U. S. Indian Service will plant still others to prevent soil erosion.

Through the years the trees and shrubs have been planted in the Sandia Laboratory Tech Area, at the Coronado Club and in the AEC Housing Area. A sufficient supply of trees and shrubs will be maintained at the nursery for replacement purposes, according to Jim.

The nursery had its start when a government nursery near Bernalillo was closed. The ash and other hardwood "starts" were transplanted in the mesa land near the western boundary of Sandia Base; other cuttings were added through the years. The only time spent in care for the trees is yearly pruning, an occasional roto-tilling to kill weeds and turn the soil, and weekly irrigation. The irrigation water is actually excess water from streets in the base housing areas, which is trapped behind a small diversion dam. Water drained off from fertilized lawns also apparently carries sufficient plant food for the trees.

Caravan Club to Entertain Families

A wiener roast for members and families is planned by the Amateur Radio Caravan Club of New Mexico March 25, according to Tom Marshall (1265), program director. The outing will begin at 8 p.m. at Pine Flats in the Manzano Mountains.

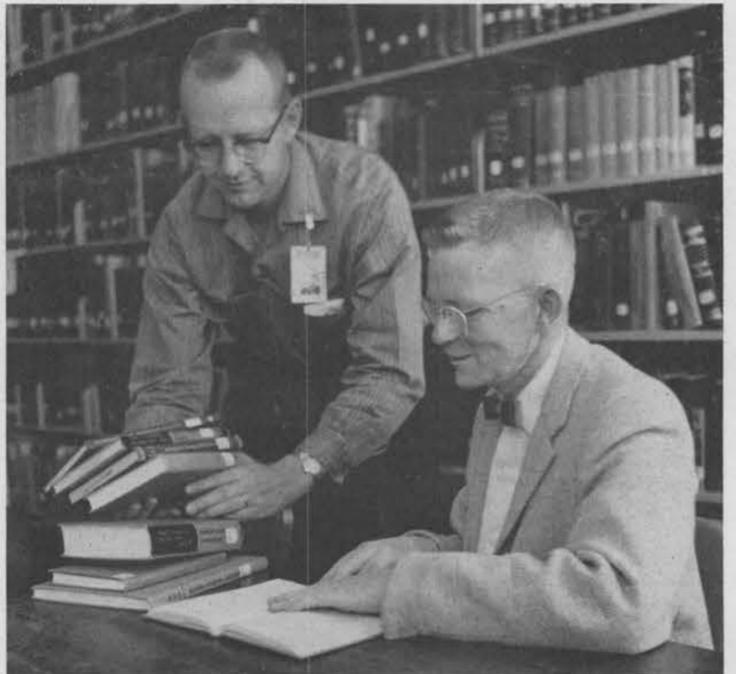
In a recent transmitter hunt of the club, Dean Yearout (1455), winner, was awarded the latest edition of the Radio Amateur's Handbook.

Promotions

- Wanda M. Stevenson (4233) to Coil Maker
- Sally M. Dyer (4131) to Payroll Clerk
- Mary C. Aven (8114) to Record Clerk
- Joan F. Hughes (8212) to Typist Clerk
- Connie I. Garber (8212) to Typist Clerk
- Betty R. Lambert (4413) to Draftsman
- Alphonse A. Rakoczy (1246) to Staff Assoc.—Tech.
- John A. Balaban (1247) to Staff Assoc.—Tech.
- F. T. Stixrud (1284) to Staff Assoc.—Tech.
- George G. Martin (4411) to Staff Assoc.—Designer
- John J. Flanagan (4412) to Staff Assoc.—Designer
- Paul B. Vandenberg (1614) to Staff Asst.—Tech.
- George C. Capes (4581) to Gardner
- Patricia M. Iliff (4135) to Invoice Clerk
- Doris A. Mason (4542) to Record Clerk
- Yolanda M. Adent (4623) to Secretary Steno.
- Judith G. McCracken (4725) to Secty. Typist
- C. D. Ramirez (5512) to Report Clerk
- William L. O'Trimble (6021) to Paymaster
- Marjorie M. Benson (4721) to Library Asst.
- Donald J. Gallagher (8224) to Toolkeeper
- Ferdinand Thome (8224) to Ship. and Receiving Clerk
- M. Jean Heidnreich (4652) to Typist Clerk
- Charles W. Ray (1613) to Laboratory Asst.
- Richard L. Cook (1621) to Laboratory Asst.
- Marylyn J. Reed (4623) to Typist Clerk
- Virginia D. Haley (4131) to Disbursements Audit Clerk
- Yvonne M. Abeyta (4653) to Typist Clerk
- E. N. Radwanski (4630) to Secretary
- Lorraine K. Miles (8212) to Secty. Typist
- Eddie J. Berry (8232) to Document Clerk
- Shirley J. Foster (8233) to Library Asst.
- Merlene E. Medina (4332) to Steno. Clerk
- Wilfred Otero (4132) to Tab. Equip. Operator
- Carol R. Kaemper (4622) to Secty.
- Mary E. Hurst (4762) to Repr. Service Clerk
- Mabel R. Coburn (5321) to Editorial Asst.
- Stanley E. Whittier (1614) to Stockkeeper
- Claury I. Pine (4170) to Secretary
- Barbara N. Rush (4610) to Secretary
- Claire J. Haut (5513) to Chartist
- Lateral Supervisory Transfers**
- A. L. Wier from 2514-2 to 2561-2
- E. P. Quigley from 2525-4 to 2562-4
- E. A. Paxton from 8232-2 to 8233-2
- A. W. Reger from 5553 to 1613
- P. Syroid from 1613 to 1611
- D. Williams, Jr., from 1611 to 1612
- P. H. Adams from 1612 to 1615
- G. P. Barnett from 1611-3 to 1611-1
- M. A. Richter from 1611-4 to 1611-2
- W. E. Bosken from 1611-2 to 1611-3
- E. White from 1612-2 to 1612-1
- M. R. Madsen from 1613-2 to 1612-2
- C. Endres from 1613-3 to 1612-3
- R. S. Hooper from 1611-1 to 1613-3
- W. H. Cross from 1613-4 to 615-1
- R. L. Ault from 1612-3 to 1615-2
- M. McWhirter from 1612-1 to 1615-3
- R. L. Maxwell from 1473-2 to 1474-4
- G. O. Thorne from 4741-1 to 4742-1
- L. C. Guynes from 4741-2 to 4741-1
- C. L. Johnson from 5549 to 5534
- C. E. Katzenberger from 4431 to 4132
- J. C. Leslie from 4111-2 to 4731-2
- C. R. Pogue from 4717 to 4431
- T. J. Jorgensen from 4361-4 to 4321-2
- Q. L. Vandt from 4321-2 to 4361-4
- W. A. Smith from 4723-2 to 4723-3
- P. Robertson, Jr., from 5544-2 to 5553-1

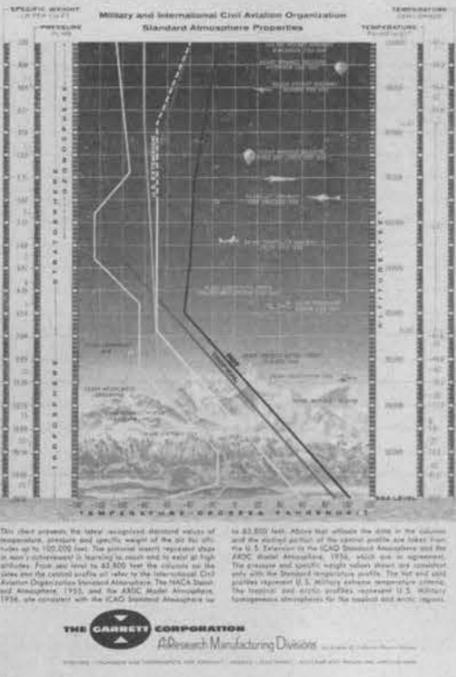


SAMPLES OF PRODUCTS as well as a large collection of commercial catalogues are located in the branch library in Bldg. 838. Amy Kahoiwai shows her supervisor, Lee Parman (4721), how the samples are displayed with tag listing manufacturer and specs.

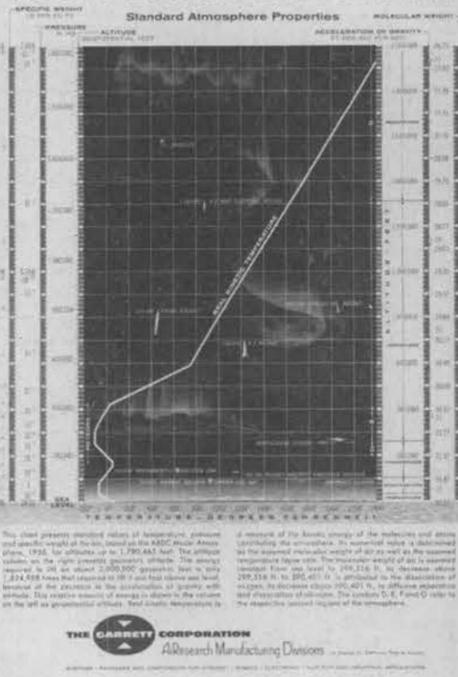


BOOKS IN THE FIELDS of management practices and psychological research are frequently requested by R. F. Utter (4654). Here W. H. Richardson of the technical library staff suggests a few titles.

ATMOSPHERE CHART



HIGH ALTITUDE CHART



BOOKLET RACKS at Sandia Corporation will contain these charts during the week of March 23. The charts in the booklet racks will be 8 1/2 x 11

inches in size and in full color. Public Relations Division 4731 also has a small supply suitable for wall hanging in a larger size of 22x29 inches.

J. M. Armijo Retires This Month After Eight Years Service

Jesus M. Armijo, a janitor in organization 4574, retired this month following an extended leave of absence due to illness.

Mr. Armijo came to work for Sandia Corporation in August 1950 and had been in ill health since May 1957.

He and his wife will continue to reside at 1122 Castillo St., Belen, N.M., following his retirement.



J. M. Armijo

SPIE Meets

The Albuquerque Chapter of the American Society of Photographic Instrumentation Engineers will meet March 27 at 7:30 p.m. in Bldg. 300, according to John Keller (5255), president. Program will be a tape recording of a discussion recently at a SPIE meeting at Cape Canaveral. An instrumentation film from Holloman Air Force Base will also be shown.