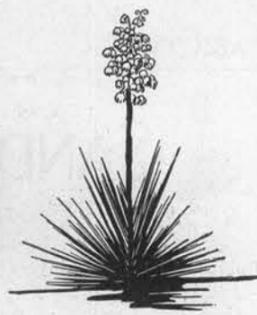


SANDIA BULLETIN



Vol. IV, No. 2

SANDIA CORPORATION, ALBUQUERQUE, NEW MEXICO

January 18, 1952

Sandians Commended for Work in Recent Nevada Atomic Test Program

Sandia Corporation's Field Testing, Engineering and Research Organizations which participated in the recent Nevada Tests have been commended by Carroll L. Tyler, the AEC's Santa Fe operations manager, in a letter addressed to George A. Landry.

The letter read as follows:

Dear Mr. Landry:

I have received a letter from Mr. Gordon Dean, Chairman of the Atomic Energy Commission, expressing the Commission's appreciation for the effective execution of the recent BUSTER-JANGLE operations. I wish to take this opportunity to officially acknowledge the important role played by Sandia Corporation.

It is gratifying indeed to know that we can call upon you and your staff to undertake any test assignment within the scope of your operations, with full confidence that the work will be carried through to successful conclusion within the time schedules agreed upon and with results well documented and defined. Please express to your personnel my appreciation for their cooperation and their contribution to the advancement of the atomic energy program through these test operations.

Sincerely yours,
Carroll L. Tyler

The organization which conducted the tests last fall was composed of



C. L. Tyler

teams of technical, supply and administrative units from the Commission's Santa Fe operations office, the Los Alamos Scientific Laboratory, Sandia Laboratory and the Armed Forces.

In addition to performance tests required to advance the weapons development program, the Buster-Jangle tests permitted the Armed Forces to test tactical troop reactions to atomic weapons and yielded valuable information on numerous hitherto unstudied blast effects and psychological reactions.

Although the number of people

Booth Arranged At Services Show

Sandia Corporation, in cooperation with the Santa Fe operations office, AEC, is arranging an exhibit in connection with a three-day Government Services show at the Armory next week.

The show, sponsored by the Chamber of Commerce, will feature exhibits by government agencies in Albuquerque and will be open from 7 to 10 p.m. Tuesday, Wednesday and Thursday. The Armory is at 513 West Silver.

participating in and observing the test operations was considerably greater than previous tests, the series was completed on schedule and with results conservatively termed "valuable" and "successful."

As in previous tests, Sandia Corporation's ordnance testing personnel were responsible for weapons aspects of the operations. The research organization was concerned chiefly with blast effects studies as reported in a previous AEC release in the Sandia Bulletin. Approximately 50 of our people were involved in the work at the Nevada Test site and elsewhere. Many of them had previously participated in Operation Greenhouse in the Pacific and Operation Ranger in Nevada.

Frankie Carle and his orchestra will play for a special Sunday night dance at the Coronado Club, March 9. Remember the date!

Mobile Blood Unit to be on Sandia Base; Lab Employees Will Donate on Jan. 31

The supply of blood and blood plasma available for the Armed Forces is at an all-time low and the demand for the life-saving fluids is at an extremely high point. This month alone there is a need for several hundred thousand pints of blood and plasma on the fighting fronts.

This bit of startling information is released by the Red Cross and the Armed Forces who are asking Americans to give their blood for fighting men in Korea. The blood we give may be saving lives in a matter of only a few days. The same day you give your blood it is rushed by airplane to Los Angeles where it is processed and then sent by air across the Pacific where it will shortly be used—and perhaps save the life of a United Nations soldier.

Our blood is little enough to give. Already thousands of Americans have given their lives in Korea. The blood we give can save other lives and relieve much suffering on the battlefields. The supply of blood must be maintained for the men who are injured.

A Red Cross Mobile Blood Unit will be in Albuquerque this month and will be on Sandia Base three days, Jan. 30, 31 and Feb. 1. Employees of the Corporation will have an opportunity to donate blood by visiting the unit Thursday, Jan. 31.

This will be our opportunity to help reach the daily quota of 300 pints daily which the Red Cross has set for Albuquerque.

The Unit will be able to receive about 450 people from 9 a.m. to 4 p.m., January 31. From this number at least 300 donors will be selected after brief physical examinations. A bulletin will be issued giving instructions on where to make appointments and will also list the requirements for prospective blood donors. The unit will return to Albuquerque in March and again in July.

If you have any questions get in touch with the Public Relations Division, ext. 26150.

Radio Club to Hear Of Radio Control in Model Airplanes

Radio control of model planes will be demonstrated in an illustrated lecture before the Sandia Base Radio Club Monday, Jan. 28, at the club rooms on H Street, 8 p.m. Joint speakers will be John Johnson, W5VWN, 1131; and H. H. "Pat" Patterson, W5DAH, 1131, the club president.

At the last meeting of the group on Monday, Don Scidmore, 1263, presented a discussion of amateur radio equipment.

"Dream of Lifetime" Describes Trip to See Son in Athens

Nearly everyone dreams of going to Europe and for Irene Smith, 4131, the dream came true. She not only toured parts of Italy, Germany, England, and Switzerland but most important of all visited her son, Leo, and his family in Athens, Greece. Leo, a first lieutenant in the Air Force, has been overseas for three years and for the past year Irene has planned the visit. When asked if the trip was a success Irene said, "It was one of the most outstanding things in my life, the dream of a lifetime."

On November 10, Irene left Albuquerque and three days later she sailed from New York on the La Guardia American Export Line. The ship stopped at Gibraltar, Palermo, Sicily, and Naples. She toured the catacombs in Palermo and saw Pompeii and other interesting places on the Italian mainland. "In Naples we bought cameos and then shopped for leatherwork in Florence," she relates. After leaving Naples she saw the volcano on Stromboli in a nighttime eruption.

During the eight days Irene spent sightseeing and visiting in Athens Leo helped her plan the rest of her itinerary. From Athens she flew to Rome where she spent two and one-half days touring the city. St. Peter's Cathedral, built over the spot where Julius Caesar was assassinated, was one of the most interesting things in the city, according to Irene.

Leaving Rome she visited the bombed city of Munich, Germany, and then took the train to Garmisch, famous playground situated in the Alps. Switzerland was next and then off to Paris! Most exciting part of the Paris trip, according to Irene, was seeing the night clubs. "We went to four," she said, "starting with the lower class ones and ending up in El Lido, one of the most exclusive in all of Paris."

From Paris she went to London



Irene and Palermo Policeman

where she saw the changing of the guard at Buckingham Palace, visited Westminster Abbey, saw the House of Commons, the House of Lords and visited many other interesting spots.

Irene left South Hampton on the Queen Elizabeth at 3 in the afternoon, December 21. Christmas Eve, aboard ship, the crew sang carols at midnight and on Christmas Day there was a big dinner and decorated tree. A heavy fog made the ship sixteen hours late arriving in New York.

When asked about her impressions of the "Old World" Irene said, "I never realized until I went over there and saw those ancient buildings how young and strong the United States is. It was like our country being a strong, healthy young man and the others old men looking to the young for strength and support."

Six Prize-Winning Works Painted by Sandian

Six national prizes in two years—that's the record of Walter Hook, the Sandia artist who recently took second place in a national water color show at St. Augustine, Fla.

Walt became seriously interested in art as early as 1938 when he was attending the University of Montana.

Surprise Prize

"I'd always had a knack for drawing but I never thought much about it until my sophomore year at college when I won a drawing prize. That surprised me and I was even more surprised the next year when I won a painting prize. I guess that's when I really began to give art some thought."

After trying various art forms Walt settled down to water color. He likes it "because it's quick. I can finish a water color in half an hour. Oils take much longer. Besides, I've had better luck in prizes with water color than with oils."

He specializes in animal paintings and in the summer the two essentials in his car are fishing gear and painting equipment. He makes sketches on the spot and later expands them into full-scale paintings at his home studio.

Art in Closets

You don't have to be in Walt's house long before you discover that he's really a prolific artist. The walls are tastefully decorated with large and small paintings in oil and water color. And Margaret, his wife, has the enviable advantage of being able to change paintings as often as she wishes—Walt's studio closets are packed with them.

He paints them faster than he can get rid of them and as a result Walt not only sells his paintings, he swaps them. Margaret does her washing on a machine Walt got in exchange for a logging scene. Most of his swapping is for picture

frames, but he recently took a load of cabinet plywood in trade for a water color of Albuquerque's Old Town.

Receives Masters Degree

At present Walt is the technical art director in 1713. His background shows how he varied between the technical and the artistic. He taught art in Manila for several months while with the Navy from 1944 to 1946. At the University of Montana he taught math and physics from 1946 to 1948. Then he spent a year as a petroleum engineer before enrolling at the University of New Mexico for his master's degree in fine arts. After getting it he taught

fine arts at the University until he joined us in June, 1951.

Trying to define Walt's type of art is difficult. His pictures are immensely varied but there is a certain style that seems to be in all of them. Walt puts it this way: "I'm essentially a realist but my paintings tend toward abstraction through simplification." Unlike most water color artists Walt stresses bold lines and strong colors, giving his pictures a vividness found mostly in oils.

Walt is still painting, his paintings are still showing up in big time shows, and it looks like they're still winning.



"MY SEVEREST CRITIC," says Walt Hook, "is my wife Margaret. I always get her to check on my work and whatever she decides is usually right." Here Margaret bends a critical eye on one of Walt's oils as he strikes a pose with his palette. Actually both are well satisfied with the painting, "Quiescence"—it recently won a national prize.

SANDIA BULLETIN

Friday, January 18, 1952

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

Robert S. Gillespie, Editor

Photography by Photographic and Reproduction Division

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Telephone Ext. 25253



The Extraordinary Man Is a Valuable Commodity . . .

One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man.—Elbert Hubbard

Like the tests which separate the men from the boys, these pithy words of Elbert Hubbard place our workers of today in two categories: ordinary men and extraordinary men. Just exactly where a man ceases to be ordinary and becomes extraordinary we cannot say. Probably it comes in about the point where he ceases to do just his job and starts doing something extra.

Take for example Ben Franklin, who was a printer. He extended his efforts beyond his printing duties and today is known as an extraordinary man. In our more recent times Thomas Edison also did more than was expected of one man and he also is considered as extraordinary.

There are many extraordinary men today—to name a dozen of them would mean that hundreds would be omitted. You know who they are; they are the men who place no limits on the extent of their tasks. Though they may set goals, they do not stop when they are achieved.

The men and women with energies, capabilities and desires which know no limitations will be the extraordinary people. It only takes an idea or an inspiration and the ability to carry it out to make an ordinary man extraordinary.

It is the extraordinary man and woman our country needs today. Uncle Sam needs millions of them. The day has arrived when it takes more than machines to keep our country safe. In addition to the implements of industry and armed might we are going to need the strong hearts, determination, tremendous vigor and far-reaching accomplishments which are found only when men do their jobs, do them well and then do something extra. It is that added effort, the margin of accomplishment found beyond the routine requirements of the task, which perhaps will be the determining factor of the success or failure of our labors.

The day is here when super-efforts are necessary to perform the job which confronts us. More of us will have to be the extraordinary man as defined by Mr. Hubbard.

Need Good News for Your Next Letter? Here Are Facts for Folks Back North

Sandia Corporation employees, many of whom have moved to New Mexico recently from northern parts of the country, are presently basking in what the local Chamber of Commerce calls the nation's finest winter weather.

To carry out the claim we can quote the following weather statistics which might make good material for letters to friends in the snow-bound north:

In the average January the sun shines in Albuquerque 71 per cent of the possible time.

The average daily maximum temperature in January in 47.1.

The average daily minimum

temperature in January is 21.4.

Normal precipitation for January is .40 inch.

As for today, Jan. 18, the record high was in 1906 when the temperature reached 65 degrees. The average high for today is 47 degrees.

The lowest temperature ever recorded here on Jan. 18 was in 1915 when the mercury tumbled to a —1. The average low is 22 degrees.

And for further writing material for your "back north" friends you can tell them we play tennis in the morning, ski in the afternoon and go to the movies in the evening wearing a light suit, topcoat and no overshoes—and it can be a drive-in type theatre if you prefer.

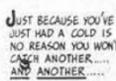
some interesting facts about colds...



ONLY MAN AND CHIMPANZEES SUFFER COLDS. PIGS, CATS, RABBITS AND OTHER LOWER ANIMALS CAN'T CATCH COLDS.



IN ANCIENT TIMES PEOPLE BLAMED THEIR COLDS ON SUCH THINGS AS DECAYING LEAVES, FACE POWDER, CATS, THE INFLUENCE OF COMETS.



JUST BECAUSE YOU'VE JUST HAD A COLD IS NO REASON YOU WON'T CATCH ANOTHER... ANY ANOTHER.



WORKERS CATCH COLD EASIER... IN FACT ANY EMOTIONAL UPSET MAKES PEOPLE MORE LIKELY TO COME DOWN WITH A COLD.



APPARENTLY WOMEN ARE THE "WEAKER" SEX WHERE THE COLD BUG IS CONCERNED. POLLS AND SURVEYS SHOW THAT MORE WOMEN CATCH COLDS THAN MEN.



MAYBE IT'S NOT A COLD, IF YOU'RE FEELING MENTALLY LOW, YOU SOMETIMES THINK YOU'VE GOT A COLD WHEN YOU HAVEN'T. TESTS PROVE THIS.

IF YOU DON'T FEEL WELL, SEE YOUR DOCTOR

—From the Communicator.

AROUND THE DEPARTMENTS

While spending his vacation at home, Ramon Lamberson, 2441, worked on his father's car. The car works fine now—after his dad had a new motor installed.

Work! Work! Work! That's what Fred Callahan, 2235, and his wife are doing since they moved into the new home they bought at 2208 Milton Court.

Florence Gustafson is now with 2200 as secretary to R. J. Hansen. She transferred from 2350.

Twelve hours to travel 32 miles! That's how long it took Adam Deacon, 2441, and his family to cover the last miles on their trip to the Chicago area. At times the snow reached just over the top of the car. From now on the Deacons are planning to spend Christmas in sunny New Mexico.

A luncheon at the Coronado Club was given in honor of V. R. Lefler, 2351, recently. Attending were: D. B. Miller, 2350, R. S. Lemm and Dave Watt, 2352, C. D. O'Connor, J. M. Miller, L. C. Guynes, Nelson Weidman, Florence Bland, Mary Armbrust, all of 2351.

The Medical Department, 3160, welcomes Dorothy Pittman, a transfer from 2352.

Congratulations to Rambert Rivera, 2461-1, on his recent marriage.

Two lucky ones in 1922-2 are sporting new cars. Bill Scott has a new green Ford Victoria and Velta Hampton is now driving a yellow Mercury.

"Just stayed at home," says Dennis Salazar, 1922-2, when asked about his recent vacation.

The stork and Santa arrived in a dead heat for two families in 1282. Born on Christmas Eve were Richard A. Richard II, son of Dick and Leode Richard, and Mary Electa McConkie, daughter of Bob and Phyllis McConkie.

Congratulations to Jim Hann, 2332, and his wife. They have a new daughter.

Newly-weds are Dea Psachos, 2333, and Maury Orrell, 2452-5. They were married Jan. 6 in Las Lunas and are now at home at 418 South Sycamore.

Marcella Lucero, 2461-1, spent her vacation in Juarez and northern parts of Texas.

Michigan was where Alice McGee, 2310, spent her vacation. Alice must be quite a rabbit hunter. She bagged 17 while she was there.

"It's mighty cold when your hip boots are filled with water on a freezing day," according to Waylon Ferguson, 2352. While he was wading a river during a duck hunt in Arkansas, he stumbled and fell. Three pairs of heavy wool socks prevented removing the watery boots so Ferg climbed into the boat and companions hoisted his legs to a ninety degree angle while the water drained out. The hunt continued and he bagged his limit. Ferg's wife, Mary Ann, 4222, visited Texas and Arkansas with him.

The Rose Bowl parade and New Year's game was a sidelight of R. S. Lemm's, 2352, trip to California. He drove to Glendale to visit his daughter.

It's been moving day in 1280 for awhile now. Among those who switched organizations are Daurice Hall who went from 1281 to 1213; Vi Gomez, from 4222-3 to 1281; Clem Sproul, from 2121 to 1281; and John Riddle, from 1283 to 1281.

The latest property owner in 1714 is Ken Boyd. Last week Ken moved into his newly-purchased home on Leah Drive.

New department secretary in 2350 is Betty Taylor, a transfer from 2352.

The bull fights in Juarez turned out to be more than Mary Schwartz, 2461-3, expected. She broke her toe while attending them.

The holidays were especially nice for Leah Blickenstaff, 2461-3. Her son, Gene, was home for a visit from the New Mexico Military Institute.

2236 welcomes "Mickey" Russell, new secretary for Bill Otero.

During her vacation Ruby Jean Rarwick, 2530, went to Oklahoma and Chicago. Upon returning she was matron of honor at her sister's wedding.

"I spent most of the time shoveling snow," is how George Matvichuk, 2542, describes his recent vacation to Michigan. The Grand Rapids "Big Snow" reached four feet while he was there.

A job in Iceland is on the agenda for Teresa Cochran, ex-employee of 2541. She left the country Jan. 10 by air and will start work on her government job as soon as she arrives in Reykjavik.

Friends of Jerry Hinman, formerly of 1292-1, entertained him at a farewell party at the Coronado Club Jan. 4. On that day Jerry went on military leave. He was recalled to active duty by the Air Force.

A. (Toke) Harshman, 3151, left Jan. 3 for New York City with L. A. Hopkins, 1300, and other members of the 1000 Organization on a personnel recruiting trip. Headquarters were established at the Roosevelt Hotel, and Loretta Morris, 3153, accompanied the group to handle on-the-spot Personnel Security Questionnaires. From New York, the recruiters went to Chicago, and set up a similar system at the Palmer House.

Jan. 11, Jack Mafit, 3152, and representatives from the 1000 and 2000 Organizations left for Chicago on an interviewing trip for 3152. Blanche Calaway, 3153, went along to handle office routine.

Scheduled for Boston on Jan. 16 are Nick Vytalacil, 3152, W. M. O'Neill, 1540, and others from the 1000 Organization. Letha Hacker, 3153, will assist them in the office work.

Charlie Kasper, 3153, and family drove to Chicago to visit his folks over the holidays. They report a fine time, but Charlie admits to spending Christmas morning shoveling snow, so he would have a place to park his car in the stormy city.

It's nice to have JoAnn Lohner Emerson back in 3153, after a leave of absence. JoAnn was with her husband in Las Vegas, Nev., where he was stationed with the Army.

Marcella, 3152, and Bob, 1123, Flanagan, drove to Chicago over the holiday for a two week's visit with Marcella's folks. Chicagoans will be interested in knowing that they spent an evening at the Pump Room at the Ambassador, and one at the Camilia Room at the Drake. They saw "The Moon Is Blue," and visited the Club Ivanhoe.

Sandy Huntington, 3153, traveled to Phoenix, Ariz., between Christmas and New Years, to be bridesmaid for a former schoolmate from the University of New Mexico.

Vieneta Liebert McCoy, 3150, has just returned from a two weeks wedding trip to Coffeyville, Kansas.

The welcome mat is out in 2471 for Lucille Montoya. Lucille is transferring from 2461-3.

Dean McFarland, 2542, left Monday for a two weeks vacation to Oklahoma and Kansas visiting relatives.

A dinner was held Jan. 4 at La Cocina for Norman Bilinger, 1631, and his new bride.

During her vacation Elizabeth Sinnott, 1631, visited her parents in Seattle, Washington.

A bout with pneumonia has kept Mildred Pickard, 2525, at home for the last three weeks but now she is back on the job.

Congratulations to James H. Scott, 1633. Jim was married early in December to a girl from Vancouver, British Columbia.

Jim Toughlin, 2225, and his wife spent their vacation in Springfield, Ill.

Personnel in 2221 have been having lots of vacations lately. Allene Poindexter, 2221-1, has just returned from Ohio. Jim Rhodes, 2221-1, vacationed in Springfield, Mo., with his wife Sammy, and daughter. George, 2221-2, and Delva, 2164-3, Corbett spent their holidays in Oklahoma. Flying to Hartford, Conn., was Steve Chemistruck, 2221-1, and his family.

The welcome mat is out for Robert W. Copeland, 2334, who recently returned from a two months military leave of absence. During that time Bob was stationed at Kirtland Air Base.

During his vacation Bill Reid, 2462, is attending an accelerated Dale Carnegie Instructors course here in Albuquerque. Every Sunday Bill drives to Clovis where he teaches a similar class.

Vacation plans were canceled for Violet Vanderlaan, 2231-4, recently when she was injured in an auto accident.

Looking rested after her vacation in El Paso is Marcella Armijo, 2462.

4131-1 welcomes Dottie Wang. Dottie is a transfer from 2120.

"Jill" is a new member of the household of Margaret, 3160, and Howard, 2125, Reece. The new addition is a German Shepherd puppy.

Niva Walrod, 2142, and her husband report a grand two weeks of vacationing in California during the holidays.

Jeanne Hayes, 2121-4, spent the holidays with her parents in Clovis.

Johnnie Stewart, 2143-2, just returned from two weeks vacation in San Antonio.

Dick Marquez, 2140, reported a wonderful vacation spent in Phoenix. On the way home he visited his parents in Silver City.

Personnel in 2125 are glad to see Floyd Myron back on the job after having undergone surgery. His daughter, who was ill with pneumonia at the same time, is much better now.

Congratulations, George Vaughn, 2125! George has been the papa of a baby girl since Jan. 8.

Everything seemed to happen to J. F. Salazar, 2123, all at once. First he was operated on and then he developed pneumonia. Everyone is glad to see him back on the job now.



SALTON SEA FIRE FIGHTERS in organization 2482-2 are pictured here. From L to R: Joseph E. Dirnberger, Verne McNabney, Joseph Medley, Ralph T. Fisher, Fire Chief and Safety Section Supervisor Joseph Omlin and James E. Culver. Charles Erwin, a member of the group, was absent at the time this picture was taken.

Dance Instruction Will Be Resumed At Coronado Club

Ballroom dancing classes will be resumed at the Coronado Club beginning Tuesday, Feb. 19, the Entertainment Committee announced this week. It is expected that five classes will be held, between 8:30 and 10:30 p.m. each Tuesday through Mar. 17. A definite course of instruction will be given by Arthur Murray instructors, and dance students will learn a variety of steps.

For your week-end dining and dancing pleasure, the Coronado Club presents the ever-popular Sunday buffet, with dinner from 5 to 7:30 p.m. and dancing until 10 to Johnny Laughlin's orchestra. It's the last buffet this month, so don't miss it. For the finest meal, including delicious appetizers and tempting relishes plus a full dinner with choice of entrees, the price is only \$1.75 for members, 50c extra for guests.

Reservations are now being taken for the social highlight of the month, the fried chicken buffet a week from tomorrow, Jan. 26. The Saturday night special will include dinner from 7:30 to 9 p.m. and dancing until 1 a.m. Don Lesman's orchestra will play.

There is a regular square dance tonight for the swing and swirl fans. Sets form promptly at 8:30, so don't be late.



BLISSFULLY UNAWARE that he's Albuquerque's first 1952 baby, Robert Bruce Ware submits to being weighed by his doting parents, Norma and Bob. At 20 seconds after midnight 1952 he weighed 7 lbs., 10 oz. and Bob, who works in 2123, has been busy checking his growth ever since. Here it looks as if Norma has her thumb on the scales. Better check that again, Bob.

Weddings - Engagements

It's wedding bells for Bill Baker, 1281, who's scheduled to be married Feb. 2 to Laura Mae Cullen. The rites will be held in the bride-to-be's home town, Austin, Tex.

The engagement of Dorothy Trigg, 2533-5, and Sergeant Nick La Rosa has been announced. The wedding will be at the Base Chapel Feb. 24. Dorothy lived in Clovis before she came to Albuquerque last July. Nick is from New York and is now stationed here at Sandia.

Mary Jane Finds it's Easy to Give Her Blood to the Armed Forces

Several months ago the Red Cross Mobile Blood unit was in Albuquerque and Mary Jane Dean, a Sandia Corporation employee working in 3122, fell into line at the Albuquerque USO building to give a pint of blood. Mary Jane, the wife of Cpl. Don Dean who is stationed on Sandia Base, was followed through the procedure by the Sandia Bulletin camera.

It wasn't the first time she had given blood for transfusion purposes; she is an old hand at it. Comparing her most recent donor experience to earlier ones she says the process was rapid, not uncomfortable and was efficiently handled.

Mary Jane also reports that there was a minimum of red tape encountered when she decided to participate. The first step came when the

newspapers announced that appointments could be made with the Red Cross office in Albuquerque. A telephone call to the Red Cross was made and she was assigned a time to appear at the center.

At the appointed hour Mary Jane started her way through the well-organized plan and here is the picture story of what took place.



First Mary Jane registered —



The doctor checked her health —



She picked up a numbered bottle —



The nurse found a vein —



She pumped blood into the bottle —



After rest and coffee it was all over —

Now's the Time To Figure Your 1951 Income Tax

It's getting near to that income tax deadline and for most of us that's March 15. The tax is higher this year, exemptions remain at \$600 and Congress has revised many rules that affect individual tax returns.

Due to the many changes this year it is a good idea to get hold of a good book of income tax instructions and information before you start figuring your tax. There are several excellent ones on sale at most bookstores, and an income tax booklet prepared especially for employees will be on the booklet racks Monday.

Your W-2 form showing wages paid you and tax withheld for the year 1951 is prepared by your employer and will be mailed to you before the end of January.

If you require special assistance in preparing your return, and don't care to hire an expert, you can get help at the office of Collector of Internal Revenue.

If you are a citizen or resident of United States, married or single, a minor or of age, and made more than \$600 in 1951 you must file a return. If your 1951 income was under \$600 but you had any tax withheld from your 1951 wages you should file a return in order to get a refund.

Credit Union Will Meet Tuesday, Jan. 29

Members of Sandia Laboratory Federal Credit Union will have their annual meeting Tuesday, Jan. 29, at 12:30 p.m. in the TV Room of the Coronado Club. At that time the members will vote on the dividend recommendation.

More Than 4000 People Now Work For Sandia Corp.

One hundred and fifty four new employees in the month of December brought the total number of Sandia Corporation employees on Dec. 31 to 4,045. There were 105 men and 49 women included in these newcomers.

The following statistics concerning the newcomers were prepared by the Employment and Personnel Department:

Average ages: Men, 31; women, 27. Married men and women total 113. Have bachelor's degrees: Men, 20, women, 5.

Have master's degrees: Men, 2. Home states:

| | | | |
|---------------|---|--------------|-----|
| Arizona | 3 | Montana | 2 |
| California | 4 | Nevada | 2 |
| Colorado | 2 | New Jersey | 2 |
| Illinois | 3 | New Mexico | 108 |
| Indiana | 4 | New York | 3 |
| Kansas | 1 | Ohio | 3 |
| Maryland | 2 | Pennsylvania | 1 |
| Massachusetts | 1 | Texas | 3 |
| Minnesota | 2 | Wisconsin | 3 |
| Missouri | 3 | Wash., D. C. | 2 |

Colleges represented:

Virginia Polytechnic Institute, University of Wisconsin, University of Colorado, University of California, Colorado A & M, Montana State College, University of New Mexico, University of Kansas, City College of New York.

Louisiana State University, East Tennessee State College, Oklahoma A & M, Kansas State College, University of Pittsburgh, Ohio State University, Woodbury College, University of Minnesota, Manchester College.

Newly elected officers of the Turquoise Toastmistress Club were installed recently. Officers are: Mrs. Curtis Biggs, president; Mrs. Henry Goldberg, vice president; Mrs. C. L. Lindquist, secretary; Mrs. Virgil Harris, treasurer; and Mrs. A. L. Dyer and Mrs. M. H. McMichael, club representatives.

SALTON SEA NEWS

To honor Frances Voorhies, 3160, on her birthday, Mrs. T. A. Sprink gave an informal tea in the dining room at San Felipe Lodge Jan. 3. Co-hostesses were Mrs. June Austin and Mrs. Zilah Wilson. Guests included Mesdames Adamson, Guess, Finch, Omlin, Keller, Merrill, Thompson, Mundt, J. Dirnberger, Hoepfel, McClish, Allen, Pickens, Sylar, McNabney, E. Dirnberger, and Misses Young, Delaney, Lee, Smith, Fitch, and Shackelford.

Gene "Slim" Thompson, 2481, with his wife and son have just returned from Missouri. Gene's folks saw their grandson for the first time. They enjoyed the trip home for the holidays but decided the best place to spend the winter is sunny California. "I never knew one state could have so much ice and snow," Slim reports.

Joe "Calex" Medley, 2482-2, who lives on the Base with his wife Mary and two children, returned from Calexico last Saturday with a new Ford. Joe, who was on the Calexico Fire Dept. before working for Sandia Corporation, wants to make firefighting his career. Being from Calexico, Calif., is the source of Joe's name "Calex."

George Noe and Bill McClish of 2481-1 have just purchased a boat and have been spending all their spare time fixing it up. Before the paint was dry they were last headed for Mexican waters for a big catch.

Edith Schildnecht, 2480, was given a pekinese pup for Christmas. A friend made it a little cradle to sleep in but she doesn't yet rock it to sleep.

PROMOTIONS

NORMAN OLLMAN has been promoted to section supervisor of 1932-1.



He joined Sandia in 1948 after working six months with Montgomery-Ward and three years with a local furniture store as a salesman. Previously he worked with Chas. Ifeld

Co. costing and pricing wholesale hardware goods. Norman has four years Army service and he spent a total of two and a half years working for the El Fidel Hotel here. He is married and has three children.

HAROLD BAECKER has been promoted to section supervisor of 2533-6.



He came to Sandia in 1948 from the Rohr Aircraft Co. in California where he was planning engineer. Previously he worked 11 years as machine tool designer for the Cincinnati Milling Machine Co. Harold also has two years experience as a draftsman and four years in general mechanical engineering in Chicago. He studied mechanical engineering at the University of Michigan. He and his wife live in Albuquerque.

DON M. LUCAS was recently named supervisor of Section 2321-1.



For 32 years prior to coming here last October, Don worked for Chrysler Corp. in Detroit. He started way back in 1919 as an expeditor. For the last 20 years Don was with the purchasing organization there. He was a staff assistant reporting to the head of purchasing on special assignments along administrative and buying lines. Don is married and lives in Albuquerque.

HERBERT W. GENTRY was recently named supervisor of Section 2232-6.



He started work with the Laboratory in 1948. For two years prior to coming here Herb worked as a machinist for a local machine shop. Motor assembly was his specialty. Herb is a veteran of four years service in the Navy. A native of Albuquerque, he lives in town with his wife and 3-year-old daughter.

WILLIAM V. HEREFORD is the new section supervisor of 1641-1.



He started work here in 1947 shortly after graduating from the University of New Mexico with a B. S. degree in civil engineering. Between semesters at the University Bill worked with the

New Mexico School of Mines in meteorological research. In addition, Bill spent several months with the State Highway Department as an instrument man. He is married and has two children.

KARL ZIMMERMAN is the new section supervisor of 2534-4.



He came here in 1950 with eight years experience as senior engineer and supervisor of the engineering department of Federal Telephone and Radio Corp., Nutley, N. J. For six years Karl was a research and development engineer with Phelps-Dodge Corp., N. Y., and prior to that he was a construction engineer for three years. He has a B. S. in electrical engineering from New York University and he's a registered professional engineer. Karl is married and has a 9-year-old daughter.

KENNETH BRICKER has been appointed supervisor of Section 1511-1.



He has 16 years electrical and mechanical engineering experience — a year free lance engineering before he joined us in 1948, four years with Goodyear Corp. as senior engineer, a year with the Army Engineers, six years as manager of an auto distributing firm, three years as service engineer for an auto firm, and a year teaching high school science and mathematics. Ken has a B. S. in electrical engineering from the University of New Mexico. He is married and has a 15-year-old son.

CARLTON L. HASSEL has been appointed supervisor of Section 1641-2.



He joined us in 1950 with a Master of Science degree in mathematics from Purdue University where he had been working as a graduate assistant. Before starting his graduate work there, Carlton received a B. S. in physics from Texas College of Arts and Industries. He is a veteran of three years in the Navy and three years with the Post Office Department. Carlton is married and has two children.

Now You Can Go to College Night Classes

Now's the time for all good students to come to study their catalogues.

It's just about registration time at The University of New Mexico and St. Joseph's College and the schools have announced the evening courses to be given in both credit and non-credit studies.

As a convenience to all Sandia Corporation employees who are planning to continue their studies we are publishing a list of some

courses available to them for the second semester of the academic year 1951-1952.

For complete information on these courses and for admission regulations, fees and entrance requirements prospective students should visit the offices of the registrars of the schools.

Some courses offered by St. Joseph's College with classes meeting on Sandia Base are included in this list.

U. of New Mexico (Credit Courses)

Registration for University of New Mexico night credit classes will be Monday and Tuesday, Feb. 4 and 5, from 6:30 to 8:30 p.m. in Carlisle gymnasium. Night credit courses in the following schools and colleges are offered:

- Anthropology
- Art
- Biology
- Business
- Administration
- Chemistry
- Economics
- General Education
- Art Education
- Elementary Education
- School Administration
- Secondary Education
- English
- Electrical Engineering
- Mechanical Engineering
- Engineering
- Geography
- Geology
- Government
- History
- Journalism
- Law
- Library Science
- Mathematics and
- Astronomy
- Modern and
- Classical
- Languages
- Music
- Philosophy
- Physical Education
- Physics
- Psychology
- Speech

Of particular interest to Sandians will be the following courses:

- Business Administration**
 - Principles of Accounting
 - Cost Accounting
 - Intermediate Accounting
 - Advanced Accounting
- Chemistry**
 - Advanced Topics in Analytical Chemistry
- Electrical Engineering**
 - Direct Current Circuits
 - Servo-Mechanism
 - Radiation and Antennas
 - Advanced Electronic Circuits
- Mechanical Engineering**
 - Aerodynamics
 - Similitude in Engineering
 - Heat Transfer
 - Creative Design
- Mathematics**
 - College Arithmetic
 - Intermediate Algebra
 - Elements of College Algebra
 - Plane Trigonometry
 - Plane and Solid Analytic Geometry
 - Introduction to Calculus II
 - Advanced Calculus
 - Modern Algebraic Theories
- Physics**
 - Heat Laboratory
 - Introduction to Weather and Climate
 - Electricity and Magnetism
 - Atmospheric Physics
 - Advanced Seminar
 - Theoretical Physics
 - Contemporary Physics
 - Quantum Physics
 - Atomic Structure
 - Advanced Seminar

U. of New Mexico (Non-Credit Courses)

Non-credit courses at The University of New Mexico are being offered again this semester through the facilities of the Community Evening College. These non-credit courses are open to any adult interested in professional training.

- Monday Evening**
 - Appreciation of Music
 - Beginning Painting and Design
 - Cartography
 - Elements of Radio and Television
 - Fishing for Older Beginners
 - Interior Decorating
 - Jewelry Making
 - Leather Work
 - Real Estate Selling
 - Spanish (Beginning II)
- Tuesday Evening**
 - Accounting Theory and Practice
 - Architectural Construction
 - Beginning Practical
 - Costume Design
 - Figure Drawing for Fun and Profit
 - Fishing for Young Beginners (and Dads)
 - History and Appreciation of SW Indian Arts and Crafts
 - Mechanical Drawing
 - Practical English
 - Spanish (Beginning I)
 - The Social Personality
- Wednesday Evening**
 - Early Childhood Education
 - Personnel Management
 - Landscape Painting and Criticism
 - Photography
 - Practical Art
 - Real Estate Law
 - Slide Rule
 - Speed Typewriting
 - Spring and Summer Gardening in N. M.
 - Tailoring
- Thursday Evening**
 - Creative Writing
 - General Crafts Workshop
 - Growing Old Gracefully
 - Pottery Making
 - Public Speaking
 - Russian (Beginning I)
 - Spanish for Reading Proficiency
 - The Great Books
 - Woodwork
- Friday Evening**
 - Portrait Painting

Registration for the above courses will be at Hodgin Hall, Room 13, on the University Campus from 7 to 9 p.m. Feb. 4-8. For further information call 7-8861 ext. 353.

Today, Americans hold more than \$58 billion dollars in U. S. Savings Bonds. Are you making an investment in your future through the use of the Payroll Savings Plan?

St. Joseph College

(Base and Night Credit Courses)

Registration for the St. Joseph credit courses to be presented on Sandia Base will be received at the first two meetings of the classes on Jan. 18 and 19. Following are the classes to be offered:

- General Psychology
- Public Administration
- English Literature
- Elementary Accounting (first half)
- Intermediate Accounting
- Elementary Spanish
- Public Speaking
- American Government
- Introduction to Philosophy
- Money and Banking
- Sociology
- Business Law II
- American History
- Mathematics

Night classes will be offered by the College of St. Joseph on the school campus. The college is located on the West Mesa on Alamo-gordo Dr. Courses in the following departments have been scheduled:

- Biology
- Art
- Psychology
- Education
- Government
- Philosophy
- English
- Religion
- Sociology
- Languages
- Physical Education
- Music
- Business Administration



SALTON SEA YOUNGSTERS found Christmastime as exciting as ever this year. There was a party at San Felipe Lodge which was visited by Santa Claus. Pictured here are the guests singing carols. Front row, L to R: Paula Wilson, Bobby Smith, Charlene Mundt, Sue Hilderbrandt, Danny Jacobs, Ginger

Pickens, Stevey Pinnings, Suzanna Roberts, Patricia Cary, and C. S. Hilderbrandt. Back row: Charlene Pickens, Sally Ann McNabney, Gloria Jean Guest, Cherrie Moody, Darlene Moody, Imogene Shockelford, Bobby McNabney, Jack Sprink, Harold Cary, and Haskell Jacobs.



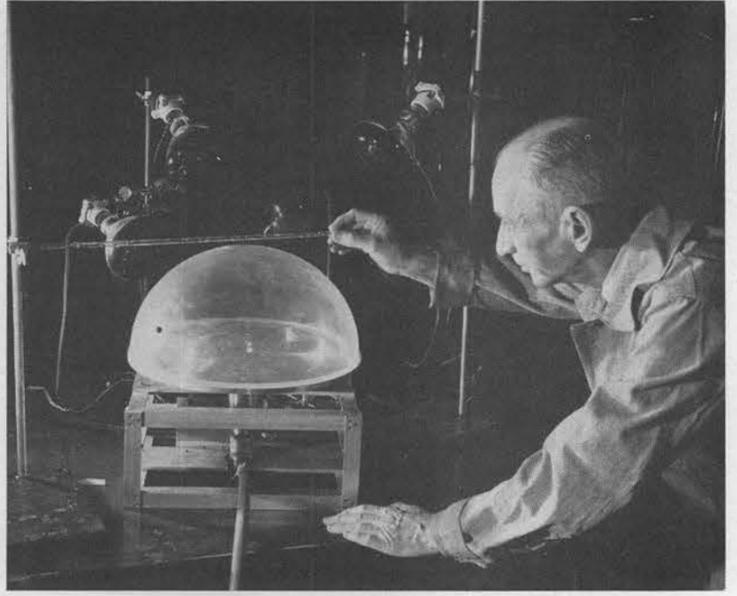
STRESS LINES IN PLASTIC are revealed by the polaroscope which throws a technicolor picture on a screen. Shown here adjusting the scope is Les Neeves, 1514-3. Light passing through a thick sheet of plastic set between a series of internal lenses projects a view of the plastic's internal flaws.

Magic

—of modern plastics—

Plastics surround us today. In the short time since they've been developed and produced, plastics have become an integral part of the American scene. We take them for granted. They are all about us, in our clothes, furniture, decorations, sports goods, and industrial instruments. This last is of the utmost concern to us here at Sandia where plastics have been put to use for development and research.

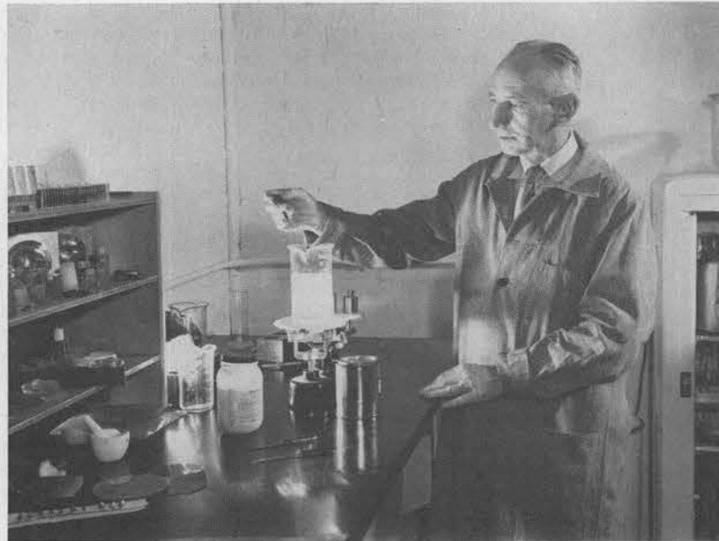
To aid our scientists and engineers a plastics laboratory has been set up under the supervision of Leland Sangster, 1134. Here are made plastics ranging from lucite to an iron bearing type Leland developed himself. Now let's see how it's done.



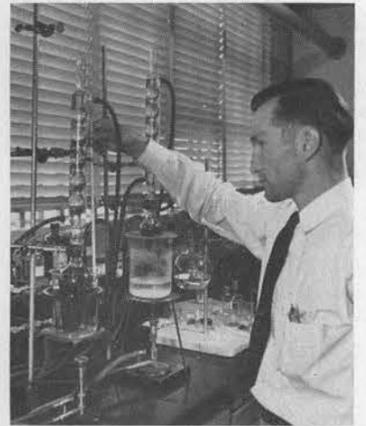
AIR AND INFRA-RED LIGHT are used to form a sheet of plastic into the half sphere shown in this picture. The plastic is held on a revolving platform as air is forced in from below. At the same time the infra-red lights heat the plastic to make it pliable.



VACUUM CHAMBER IN ACTION produces an atmosphere pressure equivalent to 55,000 feet altitude as it sucks air out of a beaker of liquid plastic. The result is a clear plastic free from entrapped air. Lab assistant Benny Lucero, 1514-3, checks a reading on the vacuum gauge.



IN MAKING PLASTIC, as in cooking, the first step is mixing the ingredients in carefully calculated amounts. Here Leland measures a few drops of accelerator into a beaker of polyester resin liquid plastic.



UREA FORMALDEHYDE plastic is in the midst of processing as organic chemist Paul Kruse, 1514-3, checks the temperature of a mixture. The possibilities of different types of plastics have never been fully explored because of the chemical combinations still untried.

Band of Musical Engineers Plays Any Style You Ask For — Whether It's BeBop or Classical

It was born with a sweet note, nurtured on melody, grew up to rhythm interspersed with a bit of discord and now has come to age with some of the sweetest music in the Sandias.

That's the thumbnail story of the tootling engineers who work at Sandia, a 10-man brass band directed by Chuck Foster, 2534 division supervisor. They play sweet and low, fast and hot, make you jump with jive or sway with rhythm. They can give you bebop, sweet swing, Dixieland, and if you want a touch of Beethoven, they can give you that, too, with symphonic arrangements.

Sweet Note Starts Band

The band actually got its start when Chuck Foster blew into a trumpet back in Massachusetts and heard a sweet note come out. He kept trumpeting and played in several bands, but later drifted away from music. He

recovered the desire to play after coming to Sandia, but felt a great deal like the Irishman who took his harp to a party and no one asked him to play. He had his trumpet and there was nowhere to blow it.

So in April 1950 he helped organize a "German Band" at Albuquerque's American Legion Post. It was composed of four employees of Sandia Corporation's Department 2110 — Chuck Foster with his trumpet; Travis Bogue on the bass horn; Charles Strange and his clarinet, and Phil Owens, who could go either sweet or sour on the trombone. Chuck not only led the band, but at times made musical arrangements. The band played German music at Sandia, at the Legion Post and at other spots in Albuquerque. It attracted quite a following. In September 1950, the band broke away from the American Legion, became solely a Sandia outfit,

and later added a fifth member, Ben Jolliffe, a clarinetist, also of 2110.

By last May they had created so much rhythm appeal that they merged with the University of New Mexico summer band. Foster, hankering for an enlarged band that could really "send" one, found fulfillment in that summer group. Included in the group were Karl Zimmerman, 2534, beating drums; Dick Bassett, 2532, sending on the alto saxophone; Ralph Kuttner, 1242, giving out with the bass clarinet, and Dave Kasanda, 1281, on the bass horn.

You Name It—They Play It

On Oct. 20 the re-organized band played at a concert and dance at the Coronado Club. They really gave out with music both sweet and hot. The old "German Band" was dead; a musical organization which could play anything you wanted when you wanted it had been created.

In November, two new musicians were added. They are: Paul Hoover, 4134, a clarinetist, and Wallace Bailey, 2241, second trumpet. It's now a 10-man band packed with oomph and rhythm.

Foster has played the trumpet in Lee Griffin's dance orchestra and also under the direction of Paul Whitman in a New England States Musical Festival. He also now plays with the American Legion Band.

Travis, a versatile musician, now has switched from the bass horn to the alto saxophone. He also is a member of the Shrine and Legion bands in Albuquerque, and plays a different instrument with each group. During World War I, he played with the Coast Artillery Band, Fort Rosenkrans, Calif., and later was with the Shrine and Legion bands in Tulsa, Okla.

Dave has been playing the tuba for 10 years and formerly played with the Minneapolis Legion and the Minneapolis Honeywell bands. Phil got his musical education with the Purdue University marching band, and Ben played the clarinet with the Municipal Band and Wayne Morrison's orchestra in Cheyenne, Wyoming.

Toots Rare Instrument

Ralph Kuttner specializes on the bass clarinet, a rare instrument, and is a member of the Albuquerque Civic Symphony. He also played with the Wisconsin All-State band. Karl Zimmerman has been beating the drums for 25 years and also is a member of the Albuquerque Civic Symphony. He once toured the Eastern states and Canada as a member of Colonel Feodor Maybohm's Russian Imperial Orchestra.

If one were looking for a one-man band, he might pick Dick Bassett, who at one time was an instructor in wood winds at the University of Arkansas. He plays the flute, oboe, three types of saxophone, clarinet, trumpet and English horn. He has played with country and at present plays with an many musical groups throughout the

Albuquerque orchestra giving operatic accompaniments.

Paul Hoover has played with the Kellogg Food City Band of Battle Creek, Michigan, the Chuck Bricker Orchestra, and the Kalamazoo, Michigan, Symphony.

Men Into Service

President Truman sent greetings to Dennis Cordova, 2534, recently. Dennis, who has been here since December 1950, has been called by selective service. Before being employed here he worked as a salesman for a local merchant and studied business administration at the College of St. Joseph.

Recalled into the Air Force recently was Jerry Hinman, 1292. Jerry has been with us since June 1948. He was formerly a dispatcher for the Santa Fe Municipal Airport and he studied electrical engineering at the University of New Mexico. He's a veteran of three years service in the Air Force.

Another Sandian who left for the service recently is Al Heimer, 2235, who was recalled to active duty by the Navy. Al worked for Dodge Corporation in Jerome, Ariz., before coming here in August, 1948. He is a veteran of two years service in the Navy during World War II.

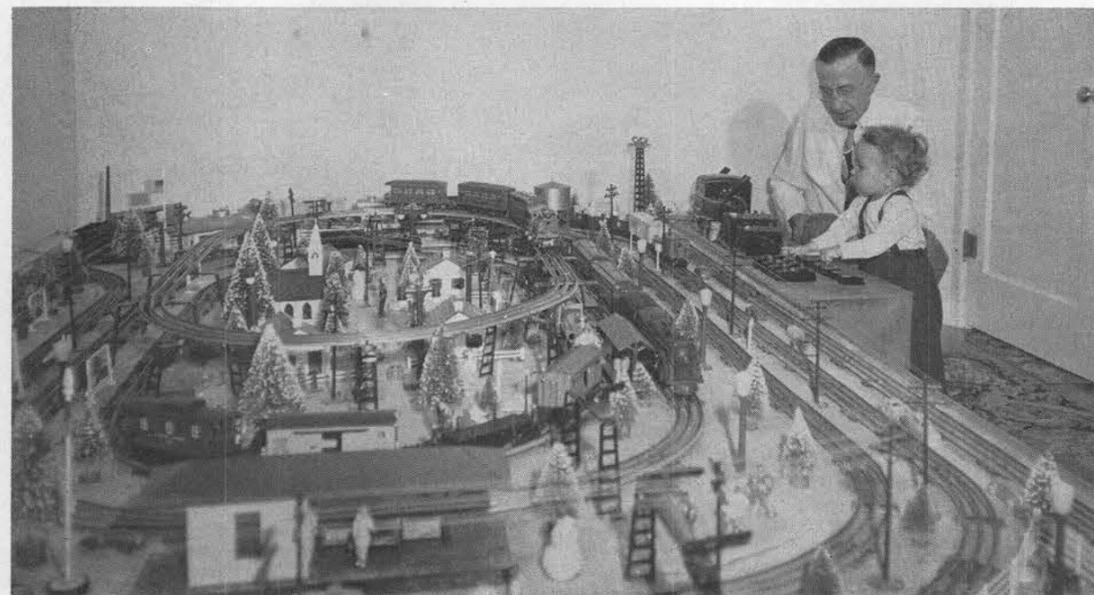
Hiking Club to Be Organized

Those outdoor enthusiasts who like to stretch their legs will meet at the Hilton Hotel Wednesday, Jan. 23, at 8 p.m. to organize a hiking club.

Everyone who has a desire to follow the LaLuz trail to the Sandia Crest, to scale Capillo Peak in the Manzanos or to explore Cabezon Landmark is invited to attend. Further information may be secured from Monte Lawton, ext. 24188 after 5 p.m.



ENGINEERS AND MUSICIANS are these men, all Corporation employees in the 1000 and 2000 organizations. Directing the orchestra is Chuck Foster. First row, L to R: Ralph Kuttner, Paul Hoover and Ben Jolliffe. Second row: Dick Bassett, Travis Bogue and Wallace Bailey. Third row: Dave Kasanda, Karl Zimmerman and Phil Owens.



AT THE CONTROLS of two freight trains, a passenger train and a string of elevated cars is 22-month-old Wayne Hicks. Wayne is chief engineer, manager and train wrecker for Mr. and Mrs. Wilson Hicks, who have spent more than 30 years collecting model trains. Wilson works in 2234.

Locomotive Runs Wild and Crashes — But It's a Great Hobby

One day some years ago Wilson H. Hicks, 2234, lost control of his oil burning style locomotive and it plunged down the straightaway toward a dangerous curve. He never decided whether it was a defective control or if he became careless. When the engine, followed by a full train of freight cars, reached the curve the wheels screamed, jumped the tracks and the train crashed.

There were no injuries, Wilson reports, but ruefully recalls the big hole in the wall which the scale model made. The 18-inch engine and tender went through the plaster in the recreation room and split a lath.

For nearly 40 years he has been gathering equipment for his model railway and making various layouts for his own entertainment and also the enjoyment of countless friends, neighbors and their children. Today, his greatest fan is his 22-month-old son, Wayne, who can operate the remote control switches, blow the whistle, unload freight cars and reverse an engine, but doesn't talk much about it.

Wilson and his wife are both authorities on the model railroad hobby and speak with familiarity about the various makes of trains which have been on the market since about 1918. He has several pieces of equipment which are 30 years old, but keeps them as museum pieces and doesn't put them on tracks. At present his longest freight train is pulled by a three-section Santa Fe diesel unit. He also has a steam-type passenger train on an inner track and inside of that there is a switch engine tugging freight cars around a railway yard. And above these tracks is an elevated train which he bought about 20 years ago.

Wilson, with his wife, came out to New Mexico from Philadelphia several years ago to work for Sandia. He claims that when moving day arrived he first packed his model

trains, then his cornet, which he has played for amusement for many years, and then made arrangements for his household belongings.

Wilson says he has a renewed enthusiasm for his model hobby now that he has a chief engineer and general manager in his son, Wayne, who shares his Dad's and Mother's enthusiasm for the hobby.

Upset of Engineers High Spot in Sandia Basketball League

A two-year winning streak was snapped last week when 1210 lost to 2417 in the first round of the Corporation-sponsored Basketball League. The final score was 31-24.

High scorer was Val Black, 1210 captain, who racked up 17 of his team's 24 points. He was followed by Charlie Garcia, captain of 2417, who scored 9 baskets. Other standouts in 2417 were Bob Kelly and Jimmie Winters, with 7 points each, and Leo Gutierrez with 5 points.

The game started with 1210 ahead by 4 points before underdog 2417 scored their first basket. By the half, however, 2417 was in the lead 13 to 9 and they stayed up front by a close margin for the duration.

The turning point came in the last two minutes when, with the score at 25-24 favor of 2417, Val Black fouled out. Earlier in the first half Ernie Alfred and Jimmie Winters, both of 2417, had also fouled out. With Black out of the game 2417 went ahead to toss the final seven points.

Standings as of Jan. 15 are as follows:

| Team | League Standings | Won | Lost |
|------|------------------|-----|------|
| 1210 | | 4 | 1 |
| 2461 | | 4 | 1 |
| 2417 | | 4 | 1 |
| 2241 | | 3 | 1 |
| 3100 | | 2 | 3 |
| 2123 | | 1 | 3 |
| 1500 | | 1 | 5 |
| 2450 | | 1 | 5 |

Classified

Classified advertising is printed in the Sandia Bulletin as a service to Sandia Corporation employees and employees of the AEC on Sandia Base. There is no charge for publishing the advertisements. They must be submitted in writing and contain the name and base telephone extension of the advertiser. Each advertisement will be run one issue.

FOR SALE—

National NC-200 communication receiver, 12 tubes, 490 KC to 30 MC continuous, original instruction manual, 10 inch PM speaker in matching cabinet, \$90. W. O. McCord, Jr., ext. 5270.

1940 Chevrolet business coupe, 1946 motor, recently overhauled, 5 good tires, \$300. Studio couch \$25. Twin size coil bed springs, \$10. Folding Army-type bed with inner spring mattress, \$20. Helen R. Smith, 4615 Palo Alto, Alb. 5-7389.

Crosley Shelvador refrigerator, 1948 model, excellent condition, \$175. Roger Williams, ext. 23244, after 5 call Alb. 5-3652 or see at 306 N. Truman.

1940 two-door Chevrolet, good condition, \$250. W. Roberts, ext. 6241 or Alb. 5-2903.

1950 Studebaker Commander, automatic transmission, 15,000 miles, perfect, \$1,795. Frank Reeder, ext. 31255 or Alb. 6-1097.

7-foot skis, bindings and bamboo poles, \$30; ski boots, size 9, \$10; all in excellent condition. Al Goodman, ext. 27158 or Alb. 5-0675.

Metal umbrella-type clothes pole with 100 feet line, \$10; ladies dressing table (kidney shape) with one drawer, glass top, \$10; brand new Hamilton-Beach vacuum (tank type) cleaner with all attachments, bingo prize and never been used, \$80 value for \$65. Call Alb. 6-3126 or see at 1705 North Cardenas.

Airplane, 1949 Aeronica sedan, with hanger \$2,600. Land lease for \$10 per month, on North Carlisle, J. Schmedeman, ext. 33237.

Lots, two small combined lots at corner of Dora and Edna Drive. Utility lines on street, both for \$950. Apply at 706 Del Mar Drive after 6 p. m. or on Sundays. Clory Valdez.

1937 Chevrolet sedan, good condition, seat covers and heater, \$175. Mary Lunsford, Alb. 5-2018 or see at 331 N. Pearce.

Baby bed, \$10; stroller, \$4. Darrell Burchfield, ext. 7256, or Alb. 5-0410.

Rollaway bed, good and clean complete with mattress, \$20. Harold Kutzley, ext. 33254 or Alb. 5-3572.

Jigsaw, Delta Homecraft, 16 inch, \$27. E. M. Van Vickle, phone ext. 33153 after 4:30 or Alb. 6-3223 during day. See at 8215 Morrow Ave., Inez Addition.

Three bedroom house, near Sandia Base and Kirtland, landscaped front and back, also wall and patio, French doors, breakfast bar, tile kitchen and bath, immediate possession, \$10,750. David Winner, Alb. 6-2181, 804 S. Cagua Dr.

Delco Selsyn, \$7; prop pitch motor, heavy duty, unconverted, \$12; 5/8 inch. diam. faced directional indicator (aircraft), \$8; or entire group for \$25; BC 348 converted to 110 grey crackle finish, \$50. Chet Washburn, ext. 4245.

1941 GMC Vanette (panel truck) with 1947 motor. Ideal for business, fishing, hunting, priced for quick sale, \$495. R. A. Knudson, 910 N. Adams, ext. 26150.

WANTED—

Chest, four or five drawer; also modern five to eight piece dining or dinette suite. Sutton, ext. 29156 or Alb. 2-2359.

Baby bed, play pen, children's toys, Connie Taylor, ext. 33247 or Alb. 5-4078.

LOST—

Billfold. Bernice McArdle, ext. 28238.

RIDES WANTED—

Carlisle and Gibson to S. Tech Area gate. Mary Helen Sharkey, ext. 28135.

612 N. Broadway, 1/2 block S. Sanitary Laundry, to S. Gate. Lucille Montoya, ext. 33251 or Alb. 2-4364 after 5:30 p. m.

Cornell and Coal or Cornell and Central, C. T. Garringer, ext. 33251.

1400 N. Manzano to E. of N. Gate. D. Burchfield, ext. 7256.

RIDERS WANTED—

Want car pool from Wherry Housing Area to parking lot by W. Tech Area gate. Kay Rivard, ext. 4138.

Vicinity of East Roosevelt, N. San Pedro, N. Alvarado, N. Palomas. A. Goodman, ext. 27158 or Alb. 5-0675.

Lobo Restaurant vicinity. Fred Stewart, Alb. 23146, after 5:30 p. m.

New Employees

A welcome is extended to the following new employees who started work for Sandia Corporation between Dec. 27 and Jan. 9.

| Name | Org. |
|-------------------------|------|
| Thomas F. Marshall | 1155 |
| William T. Reid | 1140 |
| Charles L. Carpenter | 1291 |
| Erwin C. Filsinger | 1511 |
| Charles E. Lewis | 1521 |
| James F. McGriff | 1542 |
| Frances J. Meloy | 1812 |
| Paul E. Miller | 1924 |
| Eugene L. Drake | 1951 |
| Irving L. Luke | 1951 |
| Emil J. Steinkraus | 1951 |
| Carlton C. Whitcomb | 1951 |
| Procipio L. Lopez | 2121 |
| Dale G. Irving | 2122 |
| Ralph L. Prentice | 2123 |
| Wilfred C. Pearson | 2123 |
| Roscoe C. Brooks | 2123 |
| Joseph M. Bunch | 2123 |
| Charles B. Taft | 2123 |
| Wilfred N. Bullock | 2123 |
| Dale L. Phillips | 2123 |
| Carl L. Hawk, Jr. | 2124 |
| Charles W. Boettcher | 2124 |
| Vera L. Sutton | 2125 |
| Adenago B. Perea | 2232 |
| Mignonette L. Roberts | 2141 |
| Flavio Gonzales | 2142 |
| Lonnie J. Johnson | 2223 |
| Richard M. Lujan | 2224 |
| John R. Piri | 2231 |
| Ludwig A. Eversgerd | 2232 |
| Milton O. Guest | 2232 |
| Dale A. Easton | 2232 |
| Ormand W. Williams | 2232 |
| Etta M. Russell | 2236 |
| Martin W. Hansen | 2241 |
| Donald B. Riley | 2241 |
| Albert R. Bender | 2241 |
| Elizabeth W. Thompson | 2231 |
| Betty R. Womak | 2333 |
| Jacob Castillo | 2351 |
| Wallace R. Mitcham | 2411 |
| Arthur Harris, Jr. | 2423 |
| Juan D. Herrera | 2423 |
| Julie L. Noyes | 2423 |
| Hazel M. Smeltzer | 2423 |
| Guy W. Jones | 2351 |
| Thomas J. Tanguay | 2452 |
| Sherwood J. Embry | 2452 |
| Donald F. Brown | 2452 |
| Bernard J. Hussey | 2452 |
| Hilman Frock | 2452 |
| Raymond E. Kuehne | 2452 |
| Shirley M. Meloche | 2461 |
| Dorothy M. Wall | 2461 |
| Maurice S. Chavez | 2461 |
| Charles S. Shigematsu | 2461 |
| Ellen C. Foster | 2464 |
| Ruth F. Lipe | 2464 |
| Evan G. Lenont | 2465 |
| Tito Briones | 2472 |
| Bobbie V. Mundt | 2483 |
| George Neufeld | 2483 |
| Arnold A. Duncan | 2483 |
| Stanley A. Urevitch | 2510 |
| Robert A. Knudson | 3125 |
| John N. Johnson | 3152 |
| Charlsie F. Brunson | 3153 |
| Paul D. Pewe | 3230 |
| William C. Briscoe, Jr. | 3230 |
| Red S. Snack | 4151 |
| Aileen M. Moran | 4222 |
| Marie H. Terry | 4222 |
| Ruth D. Wood | 4222 |
| Theresa G. Welter | 4222 |
| Frances H. Wright | 4222 |

Sympathy

Sympathy is extended to Carlos Ortega, 2235, on the recent death of his father. Carlos attended the funeral in Roswell.

HAP HAZARD

NATIONAL SAFETY COUNCIL

Little Theatre Group Gives "Blithe Spirit"

"Blithe Spirit," the Noel Coward comedy about a man whose first wife comes back from the grave to make things awkward for him and his second wife, is playing at the Base Theater tonight and tomorrow evening.

The play is a Sandia Base Little Theater production and the proceeds are being given to Base charities. The curtain goes up at 8:30 p.m. both nights. Tickets are 60 cents for adults, 30 cents for children. They are on sale at the door, at Reidling's Music Co. and public utilities in town.

Bowling Leagues INDIAN LEAGUE

| Team | Team Standing | Won | Lost |
|------------------|---------------|-----|------|
| 1. Hopi | | 29 | 19 |
| 2. Mohawks | | 28 | 20 |
| 3. Blackfeet | | 24 | 24 |
| 4. Arapahoe | | 24 | 24 |
| 5. Pottawattamie | | 24 | 24 |
| 6. Apaches | | 23 | 25 |
| 7. Navajo | | 21 | 27 |
| 8. Zuni | | 19 | 29 |

High team, total pins, Mohawk, 2565. Second high team, total pins, Apache, 2557. High team, one game, Hopi, 950. Second high team, one game, Pottawattamie, 949. Individual high series, Nendell, 623. Second high individual series, Lew, 611. High individual, one game, R. Parsons, 274. Second high individual, one game, Gray, 261.

Top 10 Averages Nendell, 187; Whitney, 177; V. Brewster, 169; Baumgartner, Horne, 167; Palmer, 166; Northrup, 165; Eichart, Culley, 164; Pickard, Parsons, 162.

ALL-STATES LEAGUE

| Team | Team Standing | Won | Lost |
|------------|---------------|-----|------|
| Michigan | | 32 | 13 |
| Oklahoma | | 32 | 20 |
| California | | 30 | 22 |
| Wisconsin | | 27 | 25 |
| Indiana | | 26 | 26 |
| Iowa | | 19 | 33 |
| New York | | 19 | 33 |
| Illinois | | 16 | 36 |

High team series: Oklahoma 2565, Wisconsin 2472, Michigan 2443. High team game: Oklahoma 938, Wisconsin 883, California 845. Individual high series: Baroody 611, Parsons 575, Schultz 574, Kaspar 568, Winger 555. Individual high game: Whitney 234, Fegan 226, Fellows 226, Favia 225.

WOMEN'S INSECT LEAGUE

| Team | Team Standing | Won | Lost |
|----------------|---------------|-----|------|
| 1. Scorpions | | 39 | 13 |
| 2. Hornets | | 37 | 15 |
| 3. Fireflies | | 35 | 17 |
| 4. Centipedes | | 31 | 21 |
| 5. Black Widow | | 22 | 30 |
| 6. Lady Bugs | | 20 | 32 |
| 7. Beetles | | 19 | 33 |
| 8. Roaches | | 5 | 35 |

High team, total pins, Scorpions, 2092. Second high team, total pins, Centipedes, 2066. High team, one game, Scorpions, 747. Second high team, one game, Hornets, 743. Individual high series, Butler, 539. Second high individual series, Hainlen, 529. High individuals, one game, Palmer, Hainlen, 209.

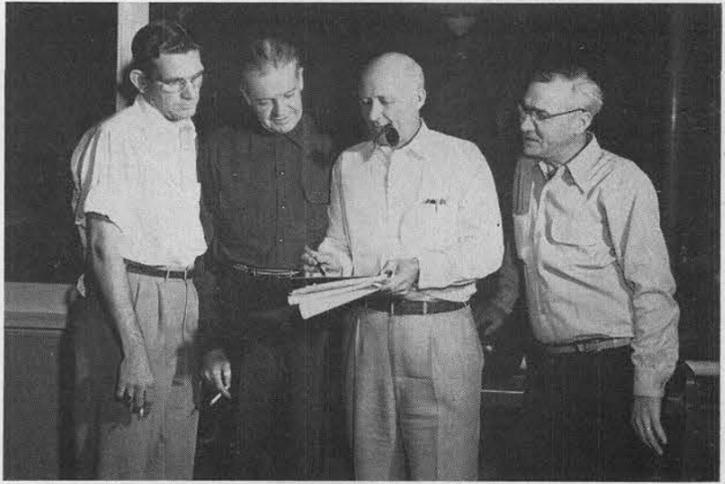
MAJOR LEAGUE

| Team | Team Standing | Won | Lost |
|--------------|---------------|-----|------|
| 1. Yankees | | 35 | 17 |
| 2. Browns | | 35 | 17 |
| 3. Senators | | 33 | 19 |
| 4. Tigers | | 27 | 25 |
| 5. Indians | | 24 | 28 |
| 6. White Sox | | 20 | 32 |
| 7. Red Sox | | 17 | 35 |
| 8. Athletics | | 17 | 35 |

High team, total pins, Senators, 2634. Second high team, total pins, Tigers, 2557. High team, one game, White Sox, 911. Second high team, one game, Browns, 901. Individual high series, Repetti, 643. Second high individual series, J. Taylor, 598. High individual, one game, J. Taylor, 267. Second high individual, one game, Anderson, 259. Top 10 Averages Repetti, 175; Johnson, J. Taylor, 170; Rappleyea, 169; Redburn, Atzberger, 167; Pyetski, 166; Fink, Sylvestre, Nogle, Anderson, 165.



IT MUST LOOK GOOD to Bill Guntrum, 1242, captain of All-States bowling league team Michigan, as he points out a score to New York captain Pat Liguori, 1951. Kibitzing are L to R captains Ernest Martin, AEC, Indiana; Don Jenkins, 3154, Wisconsin; and Charles Kaspar, 3153, league secretary.



POST-MORTEM EXAMINATION of the bowling scores after a recent game are L to R J. B. McCullar, 1951, of the Oklahoma team in the All-States league and also league vice president; Milt Fellows, 3151, Iowa; Bob Chesnut, 1911, California, league president; and Walter Cole, 1951, Illinois.