

SANDIA BULLETIN

Vol. 3, No. 2 Sandia Corporation, Albuquerque, N. M. Jan. 19, 1951

Safety Engineer Has Two Reports for Month: No Disabling Accidents, He Likes New Mexico

"There is no romance in courting danger!" That slogan was popularized many years ago by A. Burton Metzger, nationally known safety engineer, now at Sandia as a special consultant.

Several months ago, when Sandia Corporation officials expressed concern over the safety record of the Laboratory, the Atomic Energy Commission suggested that Mr. Metzger be asked to come here for a study of the situation, in view of his long service and record of achievement in similar industrial activities.

"Mrs. Metzger and I welcomed the opportunity to come to Albuquerque," the genial safety expert told a Bulletin reporter, "because

we had never visited the Southwest." During the month they have been here the Metzgers have become natives at heart — an effect enhanced, on Mr. Metzger's part by a genuine triple-X beaver western hat. He has also purchased a pair of fancy inlaid leather boots, and is diligently practicing a western drawl.

Mr. Metzger takes no credit for the fact that Sandia Corporation had no disabling injuries during the month of December. Mr. Metzger hopes, however, that this is an indication that the supervisors and employees here are becoming safety conscious. He also hopes to be of assistance in setting up a long-range program that will insure continuation of such a record. The rapid expansion of the project, plus the hiring of hundreds of new and untrained employees, and the fact that much of the equipment and facilities are new and unfamiliar — these factors pose special safety problems, all right down Mr. Metzger's alley.

Mr. Metzger is a graduate of the School of Engineering, Pratt Institute, Brooklyn, N. Y., and a former Associate Professor of Safety Engineering for the University of Maryland. He served two terms as President of the Balti-

(Continued on Page 2)

It's Easy to Buy Bonds By the Deduction Plan Available to Employees

A payroll deduction plan for the purchase of United States Savings Bonds will be placed in effect for all employees of Sandia Corporation on January 22. Application forms and literature about the plan were distributed to department managers at a meeting held Thursday in the Administration building conference room. All supervisors received enough application blanks for their employees, along with a supply of leaflets and posters.

The payroll deduction plan has been used successfully throughout the country as a simple and effective way to save systematically, while at the same time helping to finance the present national emergency. To meet future financial responsibilities there is no substitute for saving, and a convenient way to do this is to buy Savings Bonds on the payroll savings plan.

The plan is as simple as ABC:
A. You authorize deductions from your pay in the amount desired.

B. The amount withheld from
(Continued on Page 6)



A contract between the Sandia Corporation and The Atomic Project & Production Workers, Metal Trades Council, A.F. of L., was signed Tuesday, January 16, in a brief ceremony in the Administration building. The contract covers approximately 700 production and maintenance workers at Sandia, the West Lab, and Salton Sea. Shown signing for the AP & PW is Julian C. Moody, president. Seated at right is Edwin J. Domier, manager of the Labor Relations Department. Standing, left to right, are: Fred B. Smith, Personnel Director and Treasurer, Sandia Corporation, and two representatives of the bargaining unit, John Byrnes and Harold E. Keith. Signing of the contract ended seven and one-half months of almost continuous negotiations. Copies of the negotiated agreement have been furnished to all supervisors.

L. J. HEILMAN PROMOTED TO SUPERINTENDENT OF NEW PLANT SERVICES ORGANIZATION

Recent Sandia Corporation organizational changes resulted in the transfer and promotion of several supervisors. In the organization of the Vice President and Operating Manager a new organization, Plant Services, was established January 1, with Luther J. Heilman as superintendent in charge. The organization includes the following departments: Plant Maintenance and Service, 2410; West Lab Maintenance and Service, 2430; Plant Security, 2450 (formerly 2610); and Document Department, 2460 (formerly 2140).

In other changes Robert E. Winter was promoted to Manager of the Development Staff Department, 4210, reporting to F. Cowan, superintendent of Staff and Business Methods, 4200, and J. C. Hart was appointed to replace Mr. Winter as supervisor of the Labor Relations Division, 3211. Robert E. Hopper was promoted to fill a vacancy in the 2000 organization as manager of the Plant Engineering Department, 2100, reporting to W. H. Pagenkopf.

Luther J. Heilman, Sandia's newest and youngest superintendent, rightfully considers the physical plant his "baby," because he has had an important part in the planning and development of the entire Laboratory. At the age of

Superintendent of Plant Services, 2400.

In June, 1946, when Luther was a captain in the Army Corps of Engineers, he came to Sandia Base as Post Engineer, and at that time the Army was handling all engineering and maintenance work for the University of California. During the two years that followed, Captain Heilman arranged for the design and construction of many of the first permanent buildings in the Tech area, and saw the project expand rapidly to a point where the maintenance work could no longer be handled as a function of the Post Engineer's office.

The obvious result was that Luther received a discharge from the Army to enable him to join the Laboratory staff and set up a Plant Maintenance organization. In the fall of 1948 he became manager of the department, and held that position until his promotion to superintendent effective January 1. In addition to the work he formerly performed (the position now filled by Dave Tarbox) Luther now directs the West Lab Maintenance Department, the Plant Security Department and
(Continued on Page 3)



Luther J. Heilman

34 he directs the activities of a far-flung maintenance and service organization and bears the title of



Fred Schmidt, vice-president and operating manager, welcomes A. Burton Metzger, safety consultant, to Sandia.

SANDIA BULLETIN

Friday, January 19, 1951

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

Printed by Photographic and
Reproduction Division

The Sandia Bulletin is published every second Friday. Contributions should be mailed to The Bulletin, Employee Services office, Building T-301. News items should be in The Bulletin office at least one week in advance of publication date.

Coronado Club Schedule

(Clip this schedule and save it as a handy reference)

Saturday, January 20: Dance to juke box music, 8:30 to midnight.

Sunday, Jan. 21: Buffet dinner dance, Charles Biesel and his trio, 5 to 9 p. m.

Tuesday, Jan. 23: Square dance instruction.

Thursday, Jan. 25: Bridge party, admission 25 cents per person, 7:45 p. m. (All admissions and an added \$10 will be given out as prizes.)

Friday, Jan. 26: Children's party, ages under 10, 7 to 8:30 p. m.

Saturday, Jan. 27: Informal dance, 9 p. m. to 1 a. m.

Tuesday, Jan. 30: Square dance callers instruction.

Wednesday, Jan. 31: Bingo at 8 p. m.



Editor of The Bulletin, Robert S. Gillespie is looking over some of the copy with Marguerite Giannettino, his assistant. Bob has been in Albuquerque about a year and a half and formerly was a member of the journalism faculty at the University of New Mexico. Maggie has been in the Duke city for four years and is a graduate of the journalism department at the University. The Bulletin office is located in Bldg. T-301, Employees Services office. The telephone number will be announced when installed.

HEALTH HINTS



Dr. Hirsch

This is the first of a feature column which will appear regularly in The Sandia Bulletin. The medical department welcomes this opportunity to be able to more fully acquaint the personnel of the Corporation with its services, aims, and development.

As most of you know, the department is one of the newer ones, having its inception with the arrival of Dr. F. G. Hirsch, the medical director, last July. Up until that time Mrs. Irene Palmer, R. N. and Mrs. Marguerite Barnard, R. N., were giving industrial nursing service and counsel in Building T-818 and at the West Laboratory. Since that time new personnel and equipment have been procured to the point where a complete industrial medical service is now available to the personnel of the Corporation.

As things now stand a staff of 14 people comprise the department's personnel. This group includes one physician, eight registered nurses, three laboratory technicians, and two clerical workers. The department has in operation, medical facilities located in Buildings 818, 892, 840, West Laboratory, and at the Salton Sea Test Base. A clinical and research laboratory has been set up temporarily in the West Laboratory. As various phases of the construction program are completed, the department will occupy the permanent locations which have been arranged for.

Eventually the main office will be located in Building A-19, which is under construction. Until that time it will remain in the present location at Building T-818. The newest facility to be placed into operation is in Room 150, Building 892, (new Road Building), where Mrs. Margaret Reese, R. N., and Mrs. Ruth Keyser, R. N., are stationed. This new facility is completely furnished and ready to serve the employees in that general area.

To complete this initial article, which has tried to present a thumbnail outline of what the medical department is and what it tries to do for the employees, a statement of its policy is in order. The following is quoted from a publication of the American College of Surgeons on medical service in industry. It is a statement of what constitutes a sound medical service in the judgement of this authoritative group. The medical department of the Sandia Corporation is being developed strictly in accordance with these standards.

*Standards for Medical Service in Industry

1. The industrial establishment shall have an organized medical department or service with competent medical staff including consultants and also shall have adequate emergency, dispensary and hospital facilities and personnel to assure efficient care of the ill and

Sandia Safety Record Hailed

The safety record for the month of December, 1950, may be regarded with pride by all employees of Sandia Corporation. Not one disabling injury was incurred during that period. October, 1949, was the last previous month without a disabling injury.

The record for December, 1950, stands as proof that when supervisors and employees make a sincere and concerted effort, accident prevention is possible. There is no real reason why this record cannot be repeated throughout 1951.

Safety in the minds of all, coupled with a constant alertness, will insure
Simplicity of operation
Accident prevention
Freedom from tension
Efficiency on the job
Top production
Yearly accident records of which we may all be proud.

jured.

2. Membership on the medical staff shall be restricted to physicians and surgeons who are (a) graduates from an acceptable medical school with the degree of Doctor of Medicine, in good standing and licensed to practice in their respective states or provinces, (b) competent in the field of industrial medicine and traumatic surgery, (c) worthy in character and in matters of professional ethics; in the latter connection the practice of the division of fees, under any guise whatsoever, shall be prohibited.

3. There shall be a system of accurate and complete records filed in an accessible manner in the medical department, such records to include particularly a report of injury or illness, description of physical findings, treatment, estimated period of disability, end results, as well as other information pertinent to the case or required by statute for Workmen's Compensation claims or other purposes.

4. Patients requiring hospitalization shall be sent to institutions approved by the American College of Surgeons.

5. The medical department or service shall have general supervision of the sanitation of the plant and the health of all employees.

*Excerpt fr. Medical Service in Industry and Workmen's Compensation Laws, published by American College of Surgeons, page xii.

MOVIES

Friday, January 19: "Born Yesterday" Broderick Crawford, Judy Holliday, William Holden. Universal Newsreel.

Saturday, January 20: "Gasoline Alley" Scotty Beckett, Jimmy Lydon, Susan Morrow. Name Band Musical, Color Terrytoon.

MORE ABOUT Safety Engineer

(Continued from Page 1)

more Safety Council and is now a member of the Board of Directors of that organization. He is a member of the National Society of Professional Engineers, the Maryland Society of Professional Engineers, the American Society of Safety Engineers and past President of the Safety Engineering Club of Baltimore. For the past eight years he has served as Chairman of Enforcement of the Maryland Traffic Safety Commission, an appointment which he still holds.

He is rounding out 29 years of service with the Western Electric Company and came to Sandia from the Point Breeze Works in Baltimore, Maryland, where he holds the position of Director of Health and Safety.

During World War I, Mr. Metzger saw active service as an engineering officer in the U. S. Navy, and later served as instructor of Marine Engineering for the Navy at Stevens Institute of Technology. During World War II he served as a "dollar-a-year" man as Consulting Safety Engineer for the U. S. Department of Labor, and was awarded a citation "in appreciation of the notable contribution which you have made to the National Campaign Against Industrial Injuries."

The Metzgers have one son, Burt Jr., who was recently recalled to service with the United States Marines after four years of active service during World War II, almost three years of which was in Pacific combat areas. The younger Metzger hopes the present crisis will end soon, so that he may return to his studies as a law student, and to his wife and small daughter. The small daughter, Mary Conlon Metzger, is the one reason why the Metzgers, Sr., hesitated slightly when asked to accept New Mexico as a temporary home. Granddaughter Mary has been assured that they are just vacationing in New Mexico, and they haven't had the heart to tell her that the assignment Mr. Metzger accepted will keep him at Sandia for at least six months.

Tennis and fishing are Mr. Metzger's favorite sports, and he expects to enjoy both hobbies while in the Land of Enchantment. Another hobby — typical of his appreciation of a good joke, and a penchant for the unusual — is hand-lettering penny postcards to send as personal greetings. Done in color, with the Burma Shave style message strung across the card in a series of signs, a typical message reads: "Happy New Year — Gals and Gents — Cards Like This — Save 15c."

One More Bingo Party Scheduled This Month

Two sessions of Bingo have been enjoyed by Coronado club members during January and the third will be the last day of the month. Wednesday, January 31, at 8 p. m. the numbers again will be called and a fine array of prizes has been arranged for the players.



Two new department managers, Robert Hopper, left (Plant Engineering), and David Tarbox (Plant Engineering and Service), pause to talk shop in the foyer of the new Road Building.

MORE ABOUT Promotions

(Continued from Page 1)

the Document Department.

It was in the middle of the depression when Luther finished high school in Concordia, Missouri, and he decided to go to work instead of going to college. After three years in the hotel business, during which time he worked up to the position of manager of the hostelry, he had saved enough to enroll in the University of Missouri. He worked his way through school as a hasher in the main dining room at Stephens College, an exclusive girls school located a short distance from the University of Missouri. During the summers, he worked as an engineer on a pipeline construction project. While in school he met and married his wife, Ruth, and in 1942 he was called to active duty with the Army.

The Heilmans are among the oldest residents at Sandia Base, and midnight calls for emergency assistance have sometimes made them wish they lived on the West Mesa. Both of them like Sandia, however, and Mrs. Heilman is reconciled to the fact that her husband's working hours are apt to be as irregular as those of a newspaper reporter or a policeman. They have three children, Jimmy, Steve, and Carol, and their ages range from 7 years down to

10 days. Carol is the darling of the household, of course, and came as a welcome New Years present.

Luther says he is too busy for hobbies, except to join the children in a pre-bedtime romp each evening. He is a member of Chi Epsilon, honorary scholastic engineering fraternity, and the American Society of Civil Engineers. He was a member of the original Board of Directors of the Coronado Club and was a member of the membership campaign committee.

Robert E. Hopper

Robert E. Hopper, new manager of the Plant Engineering Department, is no newcomer to important AEC installations, having worked as an engineer at Oak Ridge and Hanford as well as Sandia.

After graduation from Mississippi State College with a B. S. degree in civil engineering in 1940, Bob went to work for the Tennessee Valley Authority at Knoxville, Tenn., and there he met and married a southern belle, Ollie Mae. They have two boys, Bobby and Jimmy, ages 4 and 1.

Early in 1943 the Hoppers went to Hawaii, where Bob worked with the Public Works Design section of the Navy on installations for Pearl Harbor. When that job was finished he returned to Tennessee to work at Oak Ridge for a design and construction firm. He remained there throughout the remainder of the war, and saw Oak Ridge grow from just a few tem-

porary buildings to its present mammoth size. After a short assignment in connection with the design of Whitney Dam and power house now being built near Waco, Texas, Bob returned to Oak Ridge to work for the Kellex Corporation on another construction project, and later went to Richland, Washington, with the same company in connection with the design and installation of the works at Hanford.

In August, 1948, Bob came to Sandia and was assigned to the Architectural Liaison Division of the Building and Maintenance Department. He later transferred to Plant Engineering, and was supervisor of the Plant Engineering and Design Division at the time of his present appointment.

As hobbies Bob favors hunting, fishing, and golf. His enthusiasm for the more strenuous competitive sports was dampened years ago when he broke his leg while playing high school football. He is a devoted family man, and spends a lot of time with his youngsters. His slow, southern drawl and easy-going manner identify his birthplace, but he says the Land of Enchantment compares favorably with the Delta country.

David S. Tarbox

David S. Tarbox, new manager of the Plant Maintenance and Service Department, 2410, has been with the project for three years, and has considerable experience in his field, although he is still a young man. He was supervisor of the Analysis and Inspection Division until his promotion to his present position on January 1.

While serving overseas as an Army first lieutenant with the 7th Armored Division he was awarded the Silver Star for gallantry in action, as well as the Purple Heart. Returning to the States after the war ended, Dave served as assistant Post Engineer at Sandia Base, working with his present boss, L. J. Heilman, who was then an Army captain and post engineer. In May, 1947, he was released from active duty and went to work for a private construction and engineering firm for a short time before joining the Sandia Laboratory staff in the Field Test Department.

Ohio claims Dave as a native son, and it was there that he graduated from the University of Akron with a B. S. degree in civil engineering. The Tarbox family includes two little cartons, David and Clancey Ann, as well as Mrs. Tarbox. They reside on Sandia Base.

Dave dabbles in photography as a hobby, especially likes to photograph children, and more especially, his own.

Jack Hart

Jack Hart, new supervisor of the Labor Relations Division, was going through Albuquerque a couple of years ago on a vacation trip, and dropped in to see a friend at the Chamber of Commerce. The upshot of it was that Jack stayed in Albuquerque and went to work at Sandia Laboratory.

Jack had been in charge of the shell-loading facility of a Remington-Rand ammunition plant in Illinois during World War II. He personally loaded and assembled

(Continued on Page 4)

Plans for Weddings Told by Two Employees

Cupid had a field day in the personnel section with two engagements announced. The engagement of Nina Jaynes to John C. Barnes has been announced by her parents, Mr. and Mrs. James Ottis Jaynes, 521 San Lorenzo Drive



Jaynes



Kennedy

and Mr. and Mrs. A. F. Kennedy, Chicago, Ill., have announced the engagement of their daughter, Evelyn to John McHugh, Jr.

Nina is an Albuquerque High School graduate and has been employed in personnel as a messenger and clerk-typist for four months. John Barnes, son of Mr. and Mrs. Charles H. Barnes of Wilmington, Del., is also with personnel at the present time.

Evelyn, a personnel clerk-typist, has been in Albuquerque four months. Her fiance, son of Mr. and Mrs. John McHugh, Sr., Medford, Mass., is a storekeeper, 1st/class working in Naval Administration here at Sandia. Evelyn has set her wedding date for February 3 and will be married by Father Kennedy at the base chapel.

Nina and John plan a spring wedding but no date has been set.

Electrical Engineers To Hear Aircraft Talk At January Meeting

Peter Duyan, Jr., assistant chief equipment engineer of the Douglas Aircraft Co. of Santa Monica, Calif., will present a talk on aircraft electrical installations at the January meeting of the Albuquerque subsection of the American Institute of Electrical Engineers, Monday, January 22 at 7:30 p. m. in the electrical engineering classroom at the University of New Mexico.

Walter J. Dolde of the Public Service Co. of New Mexico will give a short talk of general interest on the planned future sub-distribution system cutover from 2300 volts to 4160 volts in the Albuquerque area.

Mr. Duyan joined the Douglas company electrical group after receiving his degree of B. S. E. E. from the University of California in 1938. He has worked on and supervised the electrical installations on all aircraft built by Douglas since DC-2 days. He is also vice-chairman of the aircraft section of the A. I. E. E.

The meeting is open to the public.

Income tax withholding statements, Form W-2, are now being prepared by Payroll and will be mailed to all employees of Sandia Corporation at their home addresses by the end of January.

MORE ABOUT Promotions

(Continued from Page 3)

by hand the first proximity fuze shells turned out by the plant, and it was when he stopped at the Chamber of Commerce here that he learned about Dr. Workman's important part in the development



Hart

Winter

of the proximity fuze, as head of the New Mexico School of Mines research and development staff.

Jack's first job at Sandia, in May, 1949, carried the title of chief inspector. The scope of this work was expanded later into the Inspection Department where he remained until assigned last August as supervisor of the Program Administration Division.

At the age of 15, having developed a deceptively mature physique, Jack told a white lie about his age and enlisted in the Navy for two years. Since then he has traveled a lot, took time out to attend the University of Illinois, and has held a variety of jobs. Prior to coming to Sandia he was vice president and plant manager of Prior Products, Inc., Middletown, Ohio, and Dallas, Texas. The firm manufactures automotive equipment. Fourteen years of his life were spent with the Hershey Chocolate Corporation. He is listed on the Permanent Roster of Ammunition "Know How," a group of ordnance experts subject to call in time of national emergency.

Jack is a member of the Coronado Club Board of Directors, and finds time to explore a few Indian ruins on weekends. He has two sons, Bruce, 18, who is attending Southern Methodist University, and Roger, 13, who is attending school in Dallas.

Robert E. Winter

Robert E. Winter, manager of the new Development Staff Department, came to Sandia Laboratory a year and a half ago as associate personnel director. Prior to that time he had spent 12 years in the industrial relations field, and had spent most of his adult life in California.

"I was born in Colorado," Bob relates, "went to California to school and stayed there to work, met and married my wife in New York, and came to New Mexico to live." He emphasizes the LIVE, because he and his family are really sold on Albuquerque.

The Development Staff Department is a service organization handling administrative matters for the technical organizations, and Bob is enthusiastic about his new job. Despite his slender build he has the reputation of being a "work horse" and his new position will give him a chance to live up to that reputation, as did his last job as Labor Relations Division

Buffet Dinner Dance Scheduled for Sunday

Another of the regular Sunday buffet dinner-dances will be held at The Coronado club Sunday, January 21. These regular events are scheduled for the Coronado club every other Sunday and many members have been attending them.

Charlie Biesel and his trio will provide music for the dancing and Chef Clifton LeVay will prepare the buffet dinner. Members who have been making it a habit to attend are encouraging their friends to make plans to be at the January 21 buffet dinner as well as those which will follow.

Congratulations to Mr. and Mrs. H. W. Sharp on the birth of a seven pound boy, January 15. Mr. Sharp is superintendent of personnel and public relations. Mother and child are reported doing well.

supervisor.

Golf, hunting, and music are his favorite diversions. He is proud of the fact that he used to be a pretty good clarinet player in the Los Angeles Junior Philharmonic Orchestra, but sadly admits that he's lost his "lip" from lack of practice. The youngsters, Jean and Bruce, aged 8 and 11 respectively, are musically inclined, however, and Bob thinks they both hold promise. His daughter plays the piano, and his son beats a mean drum or doubles in brass as a trombonist. Bob's wife Eleanor likes music too, and is tolerant of their occasionally over-enthusiastic jam sessions.

Back when the Coronado Club was still a hole in the ground, Bob served as chairman of the committee that made all the plans for the club and how it was to be used. The Community Club committee dissolved when the interim Board of Directors was named.

Mothers are wonderful people who can get up in the morning before they smell the bacon frying.

Art League Elects Officers for 1951

Ann Lee Adkins was elected president of the Sandia Base Art League at the last business meeting, January 4, held in the Sandia Base school auditorium. Other officers elected were Caroline Gilbert, vice president; Mary McCulloch, recording secretary; Ricci Bush, correspondence secretary and Janet Smith, treasurer.

The art league holds its business meetings once a month with the next meeting falling on Thursday, February 1. The various sections of the league have their appointed class meetings throughout the month.

Robert Lemm, employee of the reclamation division, ext. 2-4143, will be in charge of the gem cutting group. Lapidary work has been Bob's hobby for a number of years. Prior to coming to Albuquerque, he lived in Glendale, Calif., where he assisted in organizing a lapidary society and was its second president.

The photography group is led by Mrs. Virginia Wessell, Alb. 5-6901. This group is busily engaged in a photographic contest with prizes being awarded by Kurt's Camera Coral for the winning monthly picture. The classes are held each Monday at 7:30 p. m.

Caroline Gilbert, ext. 2-1282, is in charge of the ceramic class which at present meets in the old base theater each Thursday at 7:30 p. m.

Textile painting is under the direction of Dorothy Brunnsold, Alb. 5-7050 and classes are held on Mondays from 8 to 10 p. m. in the different homes of the group members.

There will be a new class in leather work under the supervision of Mrs. C. J. Waugh, ext. 2-4269 and classes in jewelry making will be announced at the next business meeting.

Those persons interested in joining any of the art league classes are invited to contact the person in charge of the particular group for information.

Talented Teen Troopers Have 22 Participants

Hollywood and New York may have their abundance of talent but Sandia teen-agers are running a close race.

The Teen Troopers, organized in September after one of the Coronado club parties for teen-agers, boasts of 22 participants, ranging from instrumentalists and impersonators to a hypnotist.

The troopers have performed at the Coronado club, the base hospital and the ANAF club and have a pending engagement at the veterans hospital.

There are 22 boys and girls in the group with a chorus of 10. The chorus girls are Patricia Bailey, Sue Domeier, Evelyn Northrup, Janis North, Hazel Reed, Phyllis Holder, Barbara Pogue, Aletta Thompson, Betty Lesler and Judy Heindel. Patricia is also a tap dancer and Evelyn does the hula. Evelyn and Betty sing a duet and Aletta Thompson is one of the pianists.

Other performers are: Carol Kromer and Nancy Nail, a dance team in pantomime; Judy Marshal and Mary Lou Marshal, sister team on the saxophone and the clarinet; Top Paxton, castanet dancer; Ronny Smith, piano accompanist as well as a trumpet player; Stanley Pagenkoph, trumpet player; Jimmy Bill and Gordon Fortman, pianists; Tommy Roy, impersonator of Al Jolson; Bobby Roy, hypnotism skit and Eddy Duck is the master of ceremonies.

Motor Pool personnel on vacation are Richards who is in Texas; Moculesski, Arizona; Peters, Oklahoma and Clay, California.

Mr. and Mrs. Dale Sesler, security guard section, are due congratulations on their new daughter, Kathleen, born December 15.

For security in your future, buy United States War Bonds.



Sandia Base Women's Club Officers for 1951 are (front row, left to right) Mrs. R. M. Montague, honorary president; Mrs. D. H. Guinn, vice president; Mrs. R. H. Schuler, member ex-officio; Mrs. K. W. Erickson, member-at-large;

(second row) Mrs. J. W. Burfening, treasurer; Mrs. C. R. Anderson, recording secretary; Mrs. S. G. Porterfield, president and Mrs. W. F. Dietrich, corresponding secretary.



Looking to the future, Renee Silva, 2461, hastened to fill out a Payroll Savings Plan card this week. Renee is to become the bride of John Foster, 2461, in the near future, but she plans to continue working, and will put a part of each paycheck into bonds for a future down payment on that vine covered cottage. At left is Charles Harp, 3111, who will be receiving the payroll deduction cards in the cashier's office.

Base Radio Operators Assist in Emergency Communications Setup

Sandia Base Radio club, which will celebrate its fourth anniversary next month, having chartered in February of 1947, has as its membership 150 Sandia Base radio amateurs.

The organization was founded to promote and extend interest in amateur radio activities which include an extensive emergency communications network. With the aid of the Albuquerque Radio club, this network activity is the present Civilian Defense Communications Circuit for Albuquerque.

Affiliated with the Sandia Club is the MARS station, directed by Major Joseph A. Patalive. The Military Amateur Radio system is organized to provide a complete radio network throughout the continental limits of the United States that can be made readily available, in the event of a national emergency, to military commanders and Red Cross representatives.

The MARS radio station of Sandia Base is only a small link in this communications network. The station will be operating in both Army and Air Force communication nets. The station will handle primarily official and semi-official traffic but it is planned to operate on pre-arranged schedules for handling personal traffic.

The MARS station is not quite completed for operations; however, announcement will be made when it is operating, at which time visitors are cordially invited to

NOTICE

All stockholders of the Sandia Laboratory Federal Credit Union are requested to attend the annual stockholders meeting on Wednesday, January 31, 1951, 12:30 p. m. to 1 p. m. at the old base theater across from the fire station.

Purpose of the meeting is to elect officers for the coming year. Be sure to be there.

inspect the station.

A recent move to larger quarters has necessitated temporary close down of the club station W5MPZ; it is hoped that the station will be "on the air" soon for member operation.

The present club officers are Carl T. Carlberg, W5IH, president; E. Earle Fletcher, W5WRS, vice president; Einar H. Morterud, W5FPB, secretary; and Lt. L. W. Rook, W5QPK, treasurer.

The executive committee of the club consists of the officers, the immediate past president, Edward G. Miller, Jr., W5MSG and technical committee chairman, A. David Middleton, W5CA.

Other committee chairmen include: Loren C. Watkins, Jr., W5JXO; Bernard Cassidy, W5PTF; Walter B. Howerton, W5LGZ; William R. Dickson, W5LFT; Leslie O. Wright, W5GIL; Robert Scussel, W5WGW; W. Arnold Finchum, W5FVO; Major Joseph A. Patalive, W5NXX and Raymond E. Arvidson, W5RAU.

The club holds bi-monthly meetings in bldg. T-322, second and fourth Monday evenings at 8 p. m. Sandia Base amateurs and radio enthusiasts are welcome to attend.

New Books

At Sandia Corporation Library
 "Books must follow sciences, and not sciences books."
 —Bacon-Proposition touching Amendment of Laws

Each issue in this space will appear a selected list of recent acquisitions to the Sandia Corporation Library.

American Radio Relay League, The Radio Amateur's Handbook, ARRL, West Hartford, Conn., 1950
 "ARRL follows its long-established policy of presenting the soundest and best aspects of current amateur practice rather than the new and novel."

Attwood, Stephen S.
 Electric and Magnetic Fields
 John Wiley and Sons, Inc., 1949.
 "This book employing only simple mathematics, serves as a background for electronics, advanced field study, and theory of machine design."

Bell, H. S.
 Oil Shales and Shale Oil
 D. Van Nostrand Co., Inc., 1948.
 "The purpose of this book is to present the existing information on the methods and economies of producing oil from shale."

Bond, Fred
 Kodachrome and Ektachrome From All Angles
 Camera Craft Publishing Co., San Francisco, California, 1949.

"Applicable to all the common problems of all color enthusiasts. 35mm., Bantam, movie

and cut sheet Kodachrome. Roll and cut sheet Ektachrome."

Brodbeck, Emil E.
 Handbook of Basic Motion-picture Technique
 McGraw-Hill Book Co., Inc., 1950.
 "This handbook is the key to good movie making for both amateur and professional."

Buckingham, Earle
 Analytical Mechanics of Gears
 McGraw-Hill Book Co., Inc., 1949.
 "The purpose of this book is to give in a single place as complete an outline as possible of all the fundamental relationships that form the foundation of the design of all types of gears. A source book that should lead to the development of effective design of gears for any purpose."

Engineering Research Associates, Inc.,
 High-Speed Computing Devices
 McGraw-Hill Book Co., 1950.
 "The reader becomes acquainted with the various mathematical methods and the physical mechanisms which have been developed for use in automatic computation."

Driving a car is a privilege, not a right, traffic officials point out. Careless drivers can be deprived of their privileges in the interest of protecting the rights of others.

Congratulations to Mr. and Mrs. Flaxbart, Motor Pool, on the arrival of a baby boy, January 10.



Sandia Radio Club officers and directors are (first row, left to right) Einar H. Morterud, W5FPB, secretary; Major Joseph A. Patalive, W5NXX, director of MARS radio service on the base — MARS is a network of military amateur operators; (second row) A. David Middleton, W5CA, chairman of the technical committee and is national director of the West Gulf division of the American Radio Relay League; Carl T. Carlberg, W5IH, president of the Sandia club; (last row) E. Earle Fletcher, W5WRS, vice-president; Robert J. Scussel, W5WGW, chairman of publicity and also editor of Radio Sandia, the club's publication. Lt. L. W. Rook, W5QPK, club treasurer, and Edward G. Miller, Jr., W5NSG, director and immediate past president were not present for this photo.



BOWLING HIGHLIGHTS

Jim McGovern's huge 277 game in the Wednesday night Jungle League. The Irishman had ten straight strikes in piling up the highest game ever rolled on the Coronado club alleys. Jim works in department 2300, purchasing, and bowls with the league Lions. Charlie Campbell's 587 triple and 232 single in leading his team, the Rabbits, to a record smashing 2615 series. Both of Charlie's triple and single were good for second place in the seasons record scores.

Indian League

TEAM STANDING		
Team	Won	Lost
1. Mohawks	36	16
2. Zuni	34	18
3. Crees	34	18
4. Potawatomi	33	19
5. Navajo	24	28
6. Apaches	20	32
7. Hopi	17	35
8. Comanches	11	41

Individual and Team
 High team, three games, Crees, 2519.
 Second high team, three games, Mohawks, 2460.
 High team, one game, Mohawk, 938.
 Second high team, one game, Crees, 880.
 High Individual, three games, Cully, 604.
 Second high individual, three games, Duffield, 595.
 High individual, one game, Cully, 275.
 Second high individual, one game, Duggin, 229.

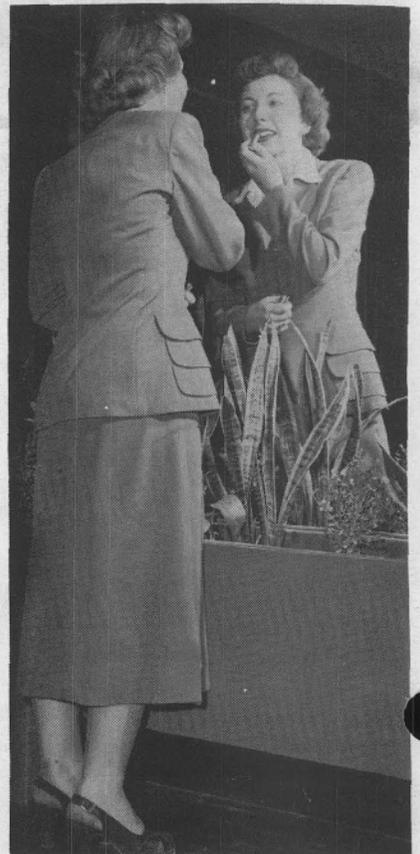
Top 10 Averages
 Rowe, 175; Duffield, 174; Mills, 170; Whitney, 168; Gasta, 163; Hassebroek, 163; Nogle, 162; Gray, 161; Horne, 160; Schaap, 160; Northrup, 160; Hepplewhite, 159; Leonard, 159; Showers, 159; Baumgartner, 159; Parsons, 159; Redburn, 158; Ortiz, 158.

Corporation Basketball Loop in Triple Tie

Three teams are tied for the lead at the end of first round play in the Corporation Basketball League. Plant Security, 2450, earned the right to compete in a play-off for the Championship by belting the boys from Quality Assurance, 1500, to the tune of 52-20. Brandenburg and Hinson led the Security cagers in their lopsided victory by scoring 23 and 18 points, respectively. Maupin starred for 1500 with 10 points, while Sowell and Silva had 4 each. Participating with Plant Security in the playoff will be engineering, 1200, and Mail and Records, Motor Pool, 2460, 2417.

Square Dancing Party Scheduled for Tonight

Tonight the Coronado Square Dancers form their squares again for another enjoyable evening of square dancing. On hand will be amiable Doc Rehbeck and his wife Betty, who will see to it that everyone joins in the fun. Let's all don our western togs and be on hand at 8:30 at the Coronado Club tonight to start off the evening with an old favorite waltz — "Laces and Graces."



Norma Safely is adding that extra touch before going back to her job as secretary to Adam Habler, Coronado club manager. Norma has been at the club since it opened and has been in Albuquerque for five years.

Save for your independence — join payroll savings NOW.

One of every three persons in the U. S. is 45 years old or older. Chevrolet's famous trade-mark was inspired by the design in a piece of hotel wallpaper.

CLASSIFIED

Classified advertisements to be published in THE BULLETIN must be received in writing in the BULLETIN office at least one week prior to publication date. Classified advertisements cannot be taken over the telephone. Include your name and your Base extension number.

For Sale

THREE SPEED Record Changer, \$23. Almost new. Retail at \$47.50. N. F. Sinnott, ext. 2-6148.
 TWO maple youth beds with mattresses, \$18 each. Call ext. 4220 or see at 727 N. Morningside.
 RADIO - PHONOGRAPH combination, \$35; small radio \$10; large gas range. All in good condition. E. D. Heath, 605 S. Arizona, ext. 2147 or Alb. 5-1666, ext. 23.
 PORTABLE BAR with brass rail, all metal (mahogany finish), casters, and "Lazy Susan" door, \$18; rugged high-chair; rug 7x8, with pad; cellaret. All reasonably priced. Call C. E. Runyan, ext. 2-2221, during noon hour.
 CUSTOM BUILT trailer hitch for 1949 Ford, made by Heaston and attaches to bumper and frame. Will handle anything a Ford can pull, \$19; two 6.70x15 tires, like new — no cuts, bruises or uneven wear, both for \$27; spare fan belts, new fuel pump, locking gas cap for 1949 Ford; 6.70x15 lug grip chains, all for \$10. Whole works for \$45. O. Milton, ext. 2-5101.
 1942 CHEVROLET club coupe in good condition, new tires, heater, \$495. Will accept trade in and will finance. Call C. M. Dixon, ext. 2-4240.
 NEW 1950 PONTIAC, 6 cylinder tudor sedan, 2200 miles, fully equipped, cost \$2795 — will sell for \$2350. Phone Don White, ext. 2-5238 or Alb. 5-2065.
 MAYTAG deluxe washing machine, wringer type with pump. Like new. Call Mrs. R. E. Roy, ext. 2-2176 or see at 3083 38th Place.
 UNIVERSAL ironer, used only twice. Very reasonable. Rosalie Gallegos, ext. 2-6137.
 36 PLYMOUTH Panel, good transportation. Also ideal for hunting, fishing or camping. Contact S. DeHaan, ext. 2-5137.

For Trade

22 CALIBER target rifle for good telescopic rifle sight. Call L. Ladd, ext. 2-1241.

Special Notice

WILL CARE for children in home on the base between 0700 and 1700. Lunch furnished. Large fenced in yard. \$1.50 per day per child. Call Mrs. John Kirby, 3089 38th Place, ext. 6182.

Riders Wanted

1008 LA VEGA RD. — Bridge St. to Gibson. Two riders. Call Rosalie Gallegos, 2-6137 or 2-3142.

Rides Wanted

2804 N. JACKSON, Bel Air, R. B. Wilds, ext. 3152.

1200 BLOCK E. LEAD Ave. to west lab daily and Saturdays. Margaret Matlack, 1206 E. Lead Ave., ext. 4 or Alb. 3-0835.

5408 EAST MARY Ave. or vicinity. Mildred Crouch, ext. 5222 or 5147.

ISLETA HIGHWAY and Barcelona Road, hours 8 to 5. W. R. Luxford, ext. 6237 or Alb. 3-9019.

TO CHICAGO last of January. Write or call Mrs. Moore at 1851 Calle Los Vecinos or call S. DeHaan, ext. 2-5137.

MORE ABOUT

Bonds

(Continued from Page 1)
 your pay will be set aside by the cashier and converted into bonds as sufficient money accrues.
 C. The bonds will be mailed to you at your home address.
 There is no security available to investors, large or small, that is as safe as U. S. Savings Bonds. They are actually safer than cash. Dollars can be lost or stolen, and the loser has little chance of recovering them; but U. S. Savings Bond owners may obtain replacement bonds in accordance with regulations, in case of loss or theft of their bonds.
 NOW, LET'S ALL BUY BONDS!

Insect League

TEAM STANDING		
Team	Won	Lost
1. Scorpions	43	17
2. Centipedes	38	22
3. Fireflies	32	28
4. Black Widows	31	29
5. Roaches	32	28
6. Lady Bugs	29	31
7. Beetles	20	40
8. Hornets	15	45

Individual and Team
 High team, three games, Fireflies, 2066.
 Second high team, three games, Centipedes, 2059.
 High team, one game, Fireflies, 743.
 Second high team, one game, Centipedes, 728.
 High individual, three games, P. Fink, 514.
 Second high individual, three games, V. Schultz, 488.
 Second high individual, one game, J. Partch, 199.
Top 10 Averages
 P. Fink, 146; V. Schultz, 141; S. Brown, 139; J. Partch, 137; E. Fauerbach, 137; J. Drake, 136; G. Hahn, 134; B. Walters, 133; M. Dixon, 132; H. Brewster, 132; V. Parsons, 126; E. Buchanan, 123.

Jungle League

TEAM STANDING		
Team	Won	Lost
1. Lions	40	20
2. Bears	38	22
3. Wildcats	36	24
4. Mustangs	36	24
5. Rabbits	32	18
6. Panthers	28	32
7. Gophers	18	42
8. Lobos	15	45

Team and Individual
 High team, three games, Rabbits, 2615.
 Second high team, three games, Wildcats, 2479.
 High team, one game, Lions, 957.
 Second high team, one game, Lobos, 894.
 High individual, three games, Kernodle, 593.
 Second high individual, three games, Dadian, 583.
 High individual, one game, McGovern, 277.
 Second high individual, one game, Campbell, 232.
Top 10 Averages
 Collins, 187; Mills, 174; Dadian, 172; Cook, 169; Campbell, 165; Dierks, 164; Franz, 163; Eiffert, 163; Stradford, 162; Dietrich, 161; Grote, 161; Peterson, 161; Favin, 159; Brown, J., 159.