

# SANDIA BULLETIN

Vol. 3, No. 6

SANDIA CORPORATION, ALBUQUERQUE, NEW MEXICO

MARCH 16, 1951

## SANDIA TO COOPERATE IN RED CROSS DRIVE

### No Solicitation at Work; Everyone Gives at Home

Sandia Corporation will cooperate with the Albuquerque Chapter of the American Red Cross in conducting a solicitation of funds in the housing area on the Base during the last two weeks of March, it was announced this week.

This year the Albuquerque Red Cross fund drive is being conducted on a residential solicitation basis, and no memberships will be sold at the offices, shops or other places of employment.

Personnel living off the Base will be called upon at their homes by neighbors serving as volunteer workers. The solicitation program is now in progress in several residential districts and an effort is being made to obtain a contribution from every family in Albuquerque.

For those living on the Base the collection will be made during last two weeks of March, beginning March 19 by a group of volunteer workers under the direction of Mrs. E. G. Miller. They will call at all houses and apartments in the AEC housing area.

The need for funds is greater than ever before this year because of the vastly increased work being performed by the Red Cross in connection with the national emergency and the armed forces. The Albuquerque chapter works closely with the Field Director's office at Kirtland and Sandia in performing many services for men and women in uniform. Last year the Field Director's office handled 5448 cases in the Albuquerque area. The Albuquerque chapter maintains files on more than 20,000 cases in which service was rendered during the past ten years in this area.

Along with Home Service and service to the armed forces, disaster preparedness and relief is a primary responsibility of the American Red Cross. Each chapter is responsible for organizing the resources of the community in order to be prepared to meet such an emergency. Swimming instruction, home nursing instruction, Junior Red Cross, and the Gray Lady program of hospital service are among the many familiar services rendered throughout the year by the Red Cross.

Service to men of the armed services does not stop when these men return to civilian life. The Red Cross works with the Veterans Administration in serving veterans who have problems. Many of such cases were included in the 5234 individual family situations investigated by the Albuquerque chapter last year, rendering such service as consultation and guidance on legislation, financial benefits, hospitalization, and education.

Last year approximately \$42,000 was collected in Albuquerque during the fund campaign and the goal this year is \$69,000. Nationally a fund goal of \$85,000,000 has been established, nearly half of which will be used in services to the armed forces and veterans.

On June 30, 1950, 35 regional blood centers located throughout the United States, had been established and were serving more than 2,000 hospitals. Shortly after the outbreak of hostilities in Korea, the government asked the Red Cross to provide whole blood for the armed forces and to coordinate the nationwide program of blood procurement for military and civil defense. This responsibility necessitates the



American Red Cross activities extend into many fields, and one of the most important is work with men in the Armed Forces. Here Mrs. Edward Burda, wife of E. J. Burda, Projects B & D Department, 1240, watches a card game in the Sandia Base Hospital recreation room. Seated from left to right around the table are LeRoy G. McIntosh, Cedar Rapids, Iowa; Martin Rachlin, Falls River, Mass.; Charles E. Reese, Terre Haute, Ind.; and Chester F. Summers, Albia, Iowa.



Miss Elaine Lynch, American Red Cross Field Director at Sandia Base Hospital, helps Robert P. Daly, Battle Creek, Mich., select some reading material from the mobile book rack. Recreational facilities are provided by the Red Cross for the servicemen who are in the field as well as in hospitals. Red Cross activities are far-flung and are especially apparent in time of war or national crisis.

opening of additional regional blood centers throughout the country to meet the total requirements of whole blood and blood derivatives.

Acting on requests from the National Security Resources Board and the Civil Defense Administration, the Red Cross had undertaken the training of 20 million persons in first aid, in-

cluding treatment of atomic explosion and radiation injuries; 250,000 nurses aides and hundreds of thousands of women in home nursing as part of the national defense program.

Remember that your dollars invested in the Red Cross are insurance for you and your loved ones, for the Red Cross serves everyone.

## Project Ranger — We Were There

### Sandia's Part in Nevada Tests Told

The part that Sandia Laboratory played in the recent Nevada tests of nuclear detonations was revealed in part this week. Unknown to most employees here, a sizeable number of specialists in the Field Test Organization, 1600, and the Proving Ground Ordnance Department, 1260, were directly involved.

Project Ranger, as the operation was called, caught the attention of the entire world, when it was announced that several nuclear explosions would be set off at a remote desert location near Las Vegas, Nev. The story of how our people came through under pressure is an inspiring one.

Field Test went all out to do a difficult job and came through with flying colors. They were charged with furnishing equipment and operators to maintain certain radio communications links. They also designed, fabricated, installed and operated timing and control circuits used to coordinate certain observations of the nuclear explosions. While most of the instrumentation was the responsibility of the Los Alamos Scientific Laboratory, certain special instruments were furnished and operated by Sandia personnel. Personnel of the Proving Grounds Ordnance Department assembled devices used in the tests.

Apart from the technical aspects of the operation, a number of Sandia and AEC personnel here were directly involved in such problems as security clearance of personnel, arranging for transportation, reservations, equipment and supplies.

The tests were conducted on a section of the Las Vegas Bombing and Gunnery Range northwest of Las Vegas, and most of the people participating in the operation, as well as official visitors, witnessed the blasts from a vantage point at the site. Heat and a tremendous heat blast were felt, and the dazzling light had to be viewed through special glasses as a safety precaution.

Aside from those participating in the operation, permission was obtained for several Sandia employees, whose work is closely related to the tests, to witness the final test. Those who received permission to go to Nevada traveled at their own expense and on their own time. Several Sandians reported that they had watched the horizon many mornings during the period of the tests and were rewarded at last by seeing a fleeting glow in the western sky as they watched from the mesa north of Albuquerque.

## Air Force Reservists With Four Dependents Eligible for Discharge

Information was received this week that enlisted Air Force Reservists who have four or more dependants are now eligible for discharge from the reserve. Air Force Reserve officers with four dependants will be transferred to the inactive reserve upon application.

Applications for separation from the Air Force Reserve under this regulation must be submitted prior to April 1, 1951. Further information may be obtained from any member of the Defense Mobilization Problems committee or from the Public Relations Division, 3125.

Safety's a good thing for all of us. No matter how long you've been here or what your job is, don't take chances. Help others be safe on the job—for your sake, as well as theirs.

## C. E. Runyan New Department Head

C. E. Runyan has been appointed manager of a newly formed department, Project C, 1220, reporting to R. W. Henderson, Director of Engineering, 1200.

Charlie has been at Sandia Laboratory since January, 1947, and until this promotion was a division supervisor in Projects A & B Department, 1210.

Born in Canada near Calgary, he came to United States when six years old and made his home in Indianapolis



C. E. Runyan

for many years. After public school education in Indianapolis he attended Purdue University, Lafayette, Ind., and in 1933 was graduated with a degree in mechanical engineering.

For five years he was employed by General Motors and for three years was an engineer for General Hydraulics Engineering Co. in Detroit.

In 1943 Charlie moved to Los Alamos where he was employed until moving to Albuquerque. He was married in 1941 and he and his wife Betty now have two children, Dennis 6, and Janice 4.

Charlie's profession of engineering has not interfered with his community activities. He has been a member of several professional engineering societies. Since moving to Albuquerque he has assisted in forming an alumni chapter of Tau Kappa Epsilon, in cooperation with the members of the fraternity on the University of New Mexico campus. He is also active in the Sandia Toastmasters Club, is a member of the "Circle 8" Square Dance Club in Albuquerque and helped form the Albuquerque Figure Skating Club.

Charlie enjoys ice skating, has appeared professionally, and some years ago put his engineering ability and skating proficiency together and helped create a portable ice skating rink.

Albuquerque has been claimed as home by the Runyans and they are staunch supporters of the city and the state of New Mexico.

## FIRST AID

Medical Department, 3160, wishes to remind personnel that there are first aid stations located in Bldg. T-840 and T-892. Those needing refills for their first aid kits will find supplies available in Bldg. T-892 as well as in T-818.

# SANDIA BULLETIN

Friday, March 16, 1951

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

Photography by Photographic and  
Reproduction Division

The Sandia Bulletin is published every other 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.

Telephone Ext. 25253



## March Coronado Club Schedule

(Clip this program and save for handy reference)

- March 16, Friday—Square Dance
- March 17, Saturday—Carnival Night
- March 18, Sunday—Buffet-Dinner dance
- March 20, Tuesday—Square dance instruction
- March 22, Thursday—Bride party
- March 23, Friday—Children's party
- March 24, Saturday—Informal dance
- March 28, Wednesday—Bingo
- March 31, Saturday—Informal dance (juke box)

## Several More Sandians Go to Armed Forces

More Sandia Corporation personnel have been called by Selective



Nelson

Aragon



Chavez

Service during the last two weeks. They are Lawrence J. Chavez and Alonzo Floyd Nelson, Expediting and Traffic Department, 2330, and Celerino Aragon of Plant Maintenance and Service Department, 2410.

## Art League Announces Schedule of Classes

The Sandia Base Art League has announced that the following art classes are being held in the new Base library:

- Mondays, 7:30 p.m., gem cutting under the direction of Robert Lemm.
- Mondays, 8 p.m., textiles, Dorothy Brunsfold.
- Tuesdays, 7 p.m., pastel, oil and water colors, Ted Schuyler.
- Wednesdays, 7:30 p.m., silver and copper, Sgt. Antonio.
- Thursdays, 7:30 p.m., leather, C. J. Waugh.
- Ceramic classes will meet at 7:30 Thursdays at the Old Base theatre under the direction of Caroline Gilbert.

## AROUND THE DEPARTMENTS

Ben W. Jolliffe, Production Engineering Department, 2110, has become the fifth member of the German Band. Other members of the band, all of 2110, are Travis L. Bogue, Phil Owens, Charles Strange and C. E. Foster.

Mr. and Mrs. Robert I. Leibman are the proud parents of a daughter, Ellen Fay, born February 24. Bob works in Instrumentation Department, 1620.

Wilson Hicks, Assembly Department, 2230, is turning painter during his week's vacation. Mrs. Hicks and the baby have gone to Philadelphia so Wilson decided to get his place painted while they are away.

Jim Harmeyer, soon to be with Business Methods Department, 4230, and formerly a business administration professor at the University of New Mexico, has turned the tables and is now taking some instruction in the techniques of personnel work.

Plant Security Department, 2450, is of the opinion that the shift scheduler should get together with the Weather Bureau to arrange for some clear days in order that Lt. N. T. Jones can play golf on his days off—it seems that Lt. Jones has batted one hundred per cent for foul weather on his days off.

With the approach of Spring the Security Inspectors will soon be dusting off their Stetsons once again and discarding the billed caps. Lt. Lambert on a recent trip south of the Border bought a new pair of cowboy boots in anticipation of donning the Stetson again.

Document Department, 2460, welcomes Emie Fegura from Taos, N.M., Louise Erwin, a native of Albuquerque, and Blanche Faltoyn from Saginaw, Mich.

Mildred Crouch, Document Department, 2460, is very happy over her new home at 5408 E. Mary and the fact that she has house guests. Mr. and Mrs. Oren Cotrell, Mildred's uncle and aunt, will be visiting her for several weeks from Oklahoma City.

Mr. and Mrs. Ray Pierotti are the proud parents of a baby boy born March 9. Ray is with Projects B and D Department, 1240.

Charles Hines, Development Staff Department, 4210, returned from Havana, Cuba, recently where he was on temporary military duty. It's reported that all he brought back was some of the Cuban's specialty.

AEC extends a welcome to Delores J. Murphy of Minneapolis, Minn., Arthur Martinez, Albuquerque, and John Barcroft, Trinidad, Colo.

Drafting and Standards Department, 1250, is glad to see Pat Priore back at work after a three-day illness.

Ed Inglat, Drafting and Standards Department, 1250, is the proud father of a boy born March 1.

AEC had two proud fathers recently. Eugene R. Butler's son was born March 7 and B. M. Peterson's son was born the latter part of February.

Perry Cowles, AEC, left for the army last week. Perry was in the Reserve.

Harold Meadows, AEC, reported for his physical last Monday. Harold is a major in the reserve.

Erma Fauerbach, AEC, is going to San Angelo, Tex., to participate in a bowling tournament. She is one of a group being sponsored by the Sports Bowl.

J. E. McGovern, Purchasing Department, 2310, gave a party at his home recently for his former co-workers in AEC. The report is that he had no choice as his AEC friends said they wouldn't let him leave unless he gave the party.

If G. L. Morrisroe, Projects B and D Department, 1240, sees spots before his eyes, there's good reason. His five youngsters were all sick with chicken pox at the same time last week.

Ralph S. Wilson, Project A and C Department, 1210, is another of the proud-father group. Mr. and Mrs. Wilson have a baby boy, 7 lb. 1 oz. born March 6. They have named him Kenneth Robert.

M. and Mrs. W. A. Rinehart have a 6-lb. 15-oz. son, Stephen Joseph, born February 18. Bill works in Document Department, 2460.

Development Personnel and Secretarial Service Department, 4220, is going to miss T. S. Daniel, who has transferred to Long Range Development Department, 1290.

Leo Jercinovic of Development Staff Department, 4210, is very ambitious. He has been painting his house and his wife meets him at the door every evening with paint and brush in hand.



R. T. Foster, Program Scheduling Department, 2110, was the first Sandia Corporation employee to use the new Tech Area bus service established March 1. Bob is pictured here with Joe Montoya, one of the drivers operating the bus service. The schedule is arranged so that a bus leaves the Administration building every 20 minutes and travels through the Tech Area to the South Gate and returns. First departure in the morning is at 8:10 a.m. and the last morning trip is at 11:30. First bus leaves in the afternoon at 1:10 and the last at 4:30. The schedule is maintained Monday through Saturday.



It's a great day for the Irish! Dan McCarthy and Ann McAfee, both of Employment and Personnel Department, 3150, get prepared for St. Patrick's Day with practice in placing a modest-sized shamrock on Dan's coat. Dan has the shamrock and it will probably reappear on his lapel Saturday, March 17.

Personnel of the Development Staff Department, 4210, at West Lab have been hearing all about the broken-down airplane that Art Coyne returned in from Washington, D.C. According to Art, it practically fell apart before they got to Kansas City. It was a business trip for Art but since Washington is an old stamping ground for him, he had some pleasure in looking up old acquaintances.

Helen Swanson, Development Staff Department, 4210, at West Lab, has an addition to her family. Helen raises boxers and last Friday one of the boxers had three pups.

Gladys Gilliland of Program Scheduling Department, 2210, had to make a hurried trip to California to visit her father who is ill.

Doty Constant, Program Scheduling Department, 2210, will be leaving the Corporation April 1. Doty is going to do secretarial work for the U. S. Air Force in London, England. It will be quite a change for her since she is a native of the Land of Enchantment.

Cost and Accounting Department, 4130, is very happy that John Dempsey is over his two-week illness. His big smile and calm easy way were missed.

In a previous issue of the Bulletin it was mentioned that personnel in Military Liaison Department, 1710, were proud of their new cars. Not to be outdone is Art Machen, who is just as proud of the six horses he now has on his 50-acre ranch in Alameda. Horses may be slightly outmoded as a means of travel, but Art insists that they are more reliable, more economical and less subject to flat tires. Incidentally, Art has something of which he can take real pride—his ranch house which he built himself. A few of the unusual features Art included in his ranch house are thermopane windows throughout (the living room window is 18 feet long and extends from the floor to the ceiling), parquet floors, a den that's out of this world, and a huge fireplace constructed of ribbonstone imported from Arizona.

Max Weber, Military Liaison Department, 1710, had his mother-in-law visiting from New Jersey for three weeks last month. She plans to stop in Albuquerque again on her way back to New Jersey from California.

Pete Meigs, Military Liaison Department, 1710, had the pleasure of a four-day visit from his "in-laws" recently. Pete's father-in-law, who is dean of the College of Liberal Arts and Sciences at the University of Kansas, had come to Albuquerque to attend the Deans' Conference at the University of New Mexico.

John Logan, Cost and Accounting Department, 4130, was passing out cigars and candy the other day, in honor of his new son, born March 3.

Cost and Accounting Department, 4130, reports that George Ison can tell you anything you want to know about a Chevrolet. He is fast becoming a master mechanic tinkering around in his spare time with old Chevrolets that he buys.

The prize for the most unusual tale of the month goes to Frank Irwin, Military Liaison Department, 1710. When Frank's back began to bother him the other day, he went to his doctor who discovered that the source of trouble was a torn muscle. The truly amazing thing, however, is that X-rays taken in the course of the examination disclosed that, at some time previous, Frank's back had been broken. Frank didn't know his back had ever been broken nor could the doctor determine when it might have happened.

Billy Benner, Military Liaison Department, 1710, moved to Belen recently to be near her husband who teaches music and directs the band at Belen High School. For about a week Billy was getting up at 5:30 every morning to commute to Sandia by bus and not getting home until 7 at night. Last week, however, she joined Wayne Welkenback, Inspection Department, 2240, and others in a Belen-to-Sandia carpool, and she can now sleep until the crack of dawn.

Margaret Montoya, secretary in Plant Security Department, 2450, has received news that a special person in England has been promoted to the rank of major.

Dede Kirby, Employment and Personnel Department, 3150, has taken some of her relatives from the East sight-seeing. They went to Chihuahua, Mex.

Ray Powell, Employment and Personnel Department, 3150, has returned from his business trip to Cambridge where he visited M.I.T. and then New York City. The trip was successful except that Ray lost some gloves and some books and returned to find his family ill.

General Douglas MacArthur: "The American Red Cross deserves praise for its services during the past year in behalf of our troops in the Far East Command. Its recreational, social, and welfare activities for both ill and able-bodied soldiers have contributed immeasurably to the cause of high morale."

Horseplay isn't funny when it might endanger someone's safety. In fact, horseplay is often judged as a crime.

**GIVE NOW**

**MOBILIZE  
for DEFENSE  
through Your  
RED CROSS**

## No More Desire to Travel and See the World Says T. S. Bills, Ex-Sound Man for Newsreels

Photographing the French Foreign Legion, a Spanish revolution, and Dutch Guiana aborigines were ordinary assignments for Globetrotter T. S. Bills, 1510, Quality Assurance Department, when he was a sound engineer with Fox-Movietone Newsreel back in the thirties.

Tom joined the Fox-Movietone organization in 1929 after graduation from Cornell University where he received a degree in electrical engineering, and has had about 18 years experience in covering some of history's top events.

In 1930 when King Alfonso was forced to abdicate his throne in Spain, Tom was on hand with his camera. He had been on assignment in Paris and his territory included Spain, Belgium, Switzerland, and all of France. Tom says that covering a revolution is not a snap job; he had to dash about from place to place to cover the various uprisings. Sometimes life became hazardous when he set up his camera and tripod—too many combatants thought it was a machine gun and he often found himself in the line of fire.

From Spain, newsreel soundman Bills went to North Africa where he and his fellow-workers lived with



T. S. Bills, complete with tarboosh, is shown in this 15-year-old picture as he covered the meeting between the King of Egypt and the King of Italy in the Cairo railroad station. Wing collar and Moslem hat were parts of the garb necessary before Tom and other members of the sound camera team could join the royal party.

African desert. He and other Fox-Movietone men went to Libya and into the Sahara desert. There, they filmed the travels and lives of the Italian Camel Corps.

In 1933, the party journeyed to England and Ireland where they photographed the scenic spots in Ireland including the Blarney stone. Tom says it's true that kissing the Blarney stone is not an easy job, but he accomplished the feat.

From 1934 to 1941 Tom worked for Metro-Goldwyn-Mayer Newsreel in Washington, D.C., as a staff sound engineer and he was given the assignment of covering the activities of the President of the United States. Tom says he accompanied President Franklin D. Roosevelt on almost every trip he made and recorded the majority of his fireside talks.

Taking a break from the newsreel business in 1942, Tom became the Washington representative for the Crosley Corporation on the development and manufacture of the proximity fuse. He was assigned to Johns Hopkins University's applied physics laboratory where he met Paul Larsen, former head of Sandia Laboratory, and Dr. R. P. Peterson and L. J. Paddison who are now with Sandia. He later left the Crosley Corporation and joined the staff of Johns Hopkins University Laboratory which headed the effort for the mass production of the proximity fuse.

In 1945 Tom went back to the newsreel business. He went to work for Warner Brothers Newsreel which is well-known as Warner Pathe News. He was assistant chief engineer for Warner Brothers in New York City and was responsible for all camera and sound equipment for making newsreels in this country for Warner Brothers.

Tom, his wife Ada, and two children, Carol Ann and Philip, came to Albuquerque in 1949 when Tom started working for the Corporation. Tom met Ada in Paris and they were married in London when he was making the travelogue films for Fox-Movietone.

When asked if he ever had the urge to globetrot again, Tom said he thinks he has travel out of his system.

### GOLF

A committee to handle Corporation and AEC golf activities for the season has been formed.

Golfers interested in leagues, tournaments, team matches, etc., should contact one of the following committee members as soon as possible:

Paul Pierson, Production Engineering Department, 2110, ext. 22124.

Dan Freshman, Development Department, 4220, ext. 24259.

Joe Hickey, Employee Services and Health and Safety Department, ext. 26149.

Bob Book, AEC, ext. 22239.



T. S. Bills

the French Foreign Legion for two months. It was the first time that the Legion had been photographed and Fox-Movietone wanted to make certain the legionnaires were filmed in their typical life.

In 1931 Tom returned to the United States and was given an assignment in travelogue work. He worked in Florida and from there went to the West Indies Islands including Haiti, Trinidad and the Bahamas. The group then traveled to British Guiana and Dutch Guiana and made pictures of the savage aboriginal tribes deep in the interior. It wasn't head-hunting country, Tom says, but it was blow-dart country and those poison darts weren't toys.

The American vice-consul, who could speak the language of the natives, and an interpreter accompanied the party and made the going much easier. Via the drum system, messages were sent from tribe to tribe telling of the cameramen's approach, making it safe for the party to proceed. Tom recalls that when they were a considerable distance inland, they received a message, which the natives had sent on their drums, telling the group to proceed immediately to Europe. The party was in no position to hop a plane or a train so they paddled in dugout canoes for three days and nights until they reached civilized territory. From there they flew to Puerto Rico and then continued to Europe, Africa and Asia. Within ten days, Tom says, he touched five continents.

Travelogue reels were taken in Italy, Greece, Palestine, Egypt, Algiers, and Tunisia. While in Cairo, they received word that the King of Italy was to make a royal visit to the King of Egypt, so the newsreel people became members of the Egyptian royal party and traveled with the two kings.

Tom then had another look at the

### Engagements—Weddings

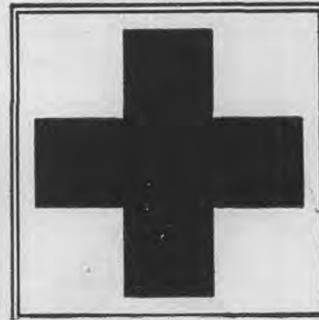
Engagements and marriages continue to be announced by Sandia Corporation employees. Beverly June Lunt, Employee Services and Health and Safety Department, 3120, has announced her engagement to Willard E. Flowers, Inspection Department, 2240. Bev and Willard plan to have a late summer wedding.



Beverly Lunt

Howard Ray Du Bois, Expediting Department, 2330, will be married to Shirlene Junie Thompson of Albuquerque next Friday, March 23, at 8 p.m. in the Church of Christ.

Nancy Mally, Medical Department, 3160, and B. M. Brush, Drafting and Standards Department, 1250, were married March 2. Mr. and Mrs. Brush are making their home at Cedar Crest.



### Bill Kraft Is New Member of Coronado Board of Directors

W. C. Kraft, Program Scheduling Department, 2210, has been named a member of the board of directors of



W. C. Kraft

the Coronado Club to fill the vacancy left by the resignation of D. R. Cotter. Don resigned due to heavy requirements of his work.

Don has been an active member of the board of directors and was in charge of the bingo program since the formation of the club. Under his guidance bingo has grown to the point where it is attracting 600 people to the bi-weekly games.

Bingo is now under the direction of Ray Powell.

Dennis Chavez, Document Department, 2460, and Eva Gonzales will be married April 14 in the Sacred Heart parish. Eva is receptionist for radio station KVER.

### Navy Commendation To James A. Williams

James A. Williams, Auxiliaries Department, 1280, recently was honored with a letter of commendation from Rear Admiral W. G. Schindler, commander of the U. S. Naval Ordnance Laboratory, Silver Spring, Md.



James A. Williams

The letter praises Jim's work on a special Navy project between July, 1946, and January, 1949, when he was on duty at the laboratory.

The Commendation reads:

9 February 1951

From: Commander, U. S. Naval Ordnance Laboratory

To: Mr. James A. Williams

Subject: Commendation.

1. You have demonstrated outstanding initiative, professional ability, and persistence in work leading to the successful completion of a highly refined method of growing completely flawless single large crystals of lithium sulphate monohydrate during the period of July 1946 to January 1949 inclusive. The techniques of growing and methods of fabrication developed by you are still used essentially unchanged by this Laboratory today. Because lithium sulphate monohydrate crystals were made available to the Naval Ordnance Laboratory in sufficient quantity, due largely to your efforts, the ship ranging program was and continues to be a highly successful undertaking.

2. The commander takes pleasure in commending you for this service to the United States Navy.

W. G. Schindler

## Two Dollars Will Get You \$2,000 at Coronado Club Carnival Party and Auction Tomorrow Evening

It's Carnival time tomorrow night at the Coronado Club and the entertainment planned for the evening carries a near positive guarantee of a good time.

Admission charge per person is \$2. With the payment of this money you receive \$2,000 in stage money, which will prove to be a profitable rate of exchange. This \$2,000 in stage money is the only legal tender at the Carnival.

The ballroom of the Coronado Club will be lined with booths offering varied games, each complete with a well-known speeler. Here you may win a fortune with stage money. The pay-off for the winning customers will be made in the plentiful "Coronado Club Phoney Bucks."

Here's how you will be able to cash in on your Phoney Bucks. At the close of the evening, over \$400 worth (real value) of electrical appliances and other merchandise will be auctioned off, and these articles will be purchased with the stage money.

Jim Galbreath, Employment and Personnel Department, 3150, who is in charge of arrangements for the party, and Mary Marchionda, Coronado Club director in charge of entertainment, have carefully selected the items to be sold and they will be well worth while to the fortunate players.

A portion of the floor in the ballroom will be reserved for dancing and a band will be on hand to provide music through the evening.



You'll be able to buy all of this and more with Coronado Club Phoney Bucks. Mary Marchionda, Mrs. E. R. Parsons, and Jim Galbreath are pictured here with a small portion of the merchandise to be auctioned off at the close of the Coronado Club Carnival Party Saturday, March 17. Included in the picture is a tentative drawing showing the stage money to be used at the party. You'll get \$2,000 in these Phoney Bucks for your \$2 admission fee and if your fortune fares well it will increase. Included in the array of electrical appliances in the auction will be a steam iron, combination waffle and sandwich grill, percolator, deep fat fryer, and a radio, plus many other items not shown.

The Coronado Club "Phoney Money" received when you pay your admission will be legal tender in the ballroom only. All other facilities of the Coronado Club will oper-

ate as usual with the "real McCoy" used.

Coronado Club members, their families and guests are invited to attend. The party starts at 8 p.m.

**'Sandia Seeds'** Felix Padilla

**Zip Your Lip for Security**

→ FELIX PADILLA →

**Sandia Toastmasters Elect Harris President**

Virgil A. Harris, Test Operations Department, 1610, will wield the gavel for the next six months as president of Sandia Toastmasters Club, succeeding G. L. "Jerry" Morrisroe, Projects B and D Department, 1240.

At the recent election meeting the following members were elected to other offices for six months terms: Lt. J. H. Tetrault, USN, Navy Special Weapons Unit, vice president; Les Cox, Inspection Department, 2240, secretary; Jess Adkins, Expediting and Traffic Department, 2330, treasurer; Harold Gunn, Plant Security Department, 2450, sergeant-at-arms.

Nate Wineberg, Production Engineering Department, 2110, will begin a one-year term in July as deputy governor and Dan McCarthy, Personnel Department, 3150, will take over the duties of the educational chairman at that time.

The Toastmasters hold dinner meetings at 6:30 p.m. each Thursday at the Officers Club. All men interested in public speaking are invited to attend.

E. L. Deeter, Auxiliaries Department, 1280, participated in the Toastmasters' Annual Area Speech Contest in Albuquerque March 10, speaking on the subject, "Why Not Worry?" The contest was won by a speaker from Toastmasters Club 122, Albuquerque.

**ISA Group Views Electronic Display**

A display of Foxboro electronic instruments was shown at the March 12 meeting of the Instrument Society of America, held in Hadley Hall on the University of New Mexico campus. Win Rochelle, a representative of the Foxboro Instrument Company, was speaker.

The Instrument Society held two meetings this month instead of their usual one. On March 8, there was a dinner-banquet at the Coronado Club honoring J. B. McMahon, national president of the Society.

Officers of the society are E. L. Deeter, Auxiliaries Department, 1280, chairman; Professor R. W. Tapy of the University of New Mexico, vice chairman; E. J. Burda, Project B and D Department, 1240, secretary; J. O. Muench, Inspection Department, 2240, treasurer; J. A. Southwick, Auxiliaries Department, 1280, meetings chairman; M. T. Muzzey, Employees Services, Health and Safety Department, 3120, program chairman; Leo Gutierrez, Weapons Component Department, 1120, publicity chairman; J. L. Hollenbeck, Electro-Mechanical Test Department, 1530, entertainment chairman; R. A. Richards, Auxiliaries Department, 1280, rules and procedures chairman; W. Goodman, Weapons Effect Department, 1110, employment chairman, and E. F. Schwam, Electro-Mechanical Test Department, 1530, membership chairman.

**Bingo Winners**

Sandia Corporation employees and wives' who were winners at recent bingo nights at the Coronado Club: Leo Dunn, Jackpot \$375; Janet C. Adams, \$10; Mrs. H. E. Sunde, Cory Coffee-maker; Mrs. J. L. Cundy, Ladies' Shoes; R. H. Landes, Presto Steam Iron; Mrs. Jesse C. Rehberg, \$10; Sam Johnson, Glass Fish Rod and Reel; Carmie Smallridge, 53-piece Pottery Set; Mrs. D. J. Padilla, Emerson Radio; R. C. Porter, \$3; G. C. Nicholls, \$5; Mrs. A. M. Fellows, \$1; Marian Zitmyar, \$5; Mrs. W. T. Welch, Tablecloth Set; Hal Gunn, Minnow Bucket; Gayle Sievert, Glass Holder; Mrs. Alex Macurak, Clock; Eloise Lynch, Clock; T. J. Jorgenson, Tablecloth Set; Mrs. Jay Stribling, Pen Set; Mrs. H. McNeil, Pillowcases; Mrs. Neil Hansen, Lighter; James H. Safely, Towel Set.

**Radio Hams Plan New Organization**

Hams Associated, an all-Albuquerque radio club, has issued an invitation to Sandia radio hams and their friends to attend the first meeting of the organization March 16 at 8 p.m. The meeting will be held on the University of New Mexico campus in Bldg. H-1-2, which is located east of University Avenue about one block north of Central Avenue.

The American Radio Relay League motion picture dealing with the problems of television interference will be shown at the meeting. There will be door prizes and plenty of ham fellowship for the radio amateurs and their friends.

Hams interested in the organization may secure more information from W. A. Finchum, W5FVO, ext. 62, West Lab.

**New X-Ray Machine in Dispensary Speeds Up Physical Exam Results**

Chest X-ray examinations made by the Sandia Corporation infirmary are now being processed in a few hours as a result of the installation of a Fluor-X-Ray camera January 23.

Nurse Betty Eisenschmidt, who is in charge of the operation of the machine, which is in the infirmary, Bldg. 818, says she has taken over 200 X-rays since starting to use the machine. Betty, who served during World War II in New Guinea and the Philippines in the Army Nurse Corps as a first lieutenant, says the camera is practically automatic and at the present time roll film is being used, but that individual small films will soon be available. Loading of film and developing has been done at the Lovelace Clinic, but arrangements have been made to start processing on the Base.

The machine has been used for chest X-rays only, but plans for the future include other types of work when necessary. The new machine is a great convenience to Sandia Corporation employees as previously all X-rays were taken off the Base.

**Square Dancing Announced For Coronado Club Tonight**

Folk dancing, round, square and couples, will enliven the Coronado Club ballroom tonight. The dance scheduled for March 30 has been changed to March 16 in order that interested square dancers may attend the gala State Square Dance frolic in Roswell March 30 and 31.

Square dancers from all parts of the state are expected to participate in the Roswell event and Sandians interested should contact Doc Rehbeck, ext. 21218, for reservations.

A preliminary dance will be held Friday night, March 30, in Roswell to get the week end's activities underway. Saturday, March 31, will be started off by a breakfast for all those attending, with a parade during the day, a square dance workshop in the afternoon, and the big square dance Saturday night.

World events have placed upon the American Red Cross the greatest responsibilities it has ever had to assume except in time of all-out war.



Nurse Betty Eisenschmidt demonstrates the new X-ray machine in the Sandia Corporation dispensary. Betty and her machine are a familiar sight to employees who were recently employed by the Laboratory.

**Bowling Leagues**

**JUNGLE LEAGUE**

Team	Won	Lost
1. Lions	58	38
2. Wild Cats	57	39
3. Bears	56	40
4. Rabbits	56	40
5. Mustangs	52	44
6. Panthers	45	51
7. Gophers	31	65
8. Lobos	29	67

**TEAM AND INDIVIDUAL**

High team, three games, Bears, 2651  
Second high team, three games, Rabbits, 2615  
High team, one game, Rabbits, 965  
Second high team, one game, Lions, 157  
High individual, three games, Campbell, 601  
Second high individual, three games, Anderson, 599  
High individual, one game, McGovern, 277  
Second high individual, one game, Campbell, 254

**TOP 10 AVERAGES**

Collins, 182; Campbell, 171; Dadian, 170; Cook, 168; Frantz, 167; Dierks, 166; Mills, 166; Stradford, 162; Cone, 160; Grote, 160; Peterson, 160; Dietrich, 160; Eiffert, 159; and Brown, 158.

**INDIAN LEAGUE**

Team	Won	Lost
1. Mohawks	64	20
2. Zuni	53	31
3. Crees	51	33
4. Potawatomi	49	35
5. Navajo	39	45
6. Hopi	34	50
7. Apaches	28	56
8. Comanches	19	65

**TEAM AND INDIVIDUAL**

High team, three games, Hopi, 2636  
Second high team, three games, Crees, 2519  
High team, one game, Mohawks, 938  
Second high team, one game, Hopi, 920  
High individual, three games, Culley, 604  
Second high individual, three games, Nogle, 597  
High individual, one game, Culley, 275  
Second high individual, one game, Duggin, 229

**TOP 10 AVERAGES**

Duffield, 174; Whitney, 168; Mills, 168; Nogle, 167; Palmer, 162; Northrup, 161; Gray, 161; Gasta, 161; Hassebroek, 160; Horne, 160; Parsons, 160; Leonard, 159; Showers, 159; Robertson, 159; Priore, 159; Schaap, 159; Redburn, 158; Malley, 158; Baumgartner, 157; Deutschle, 157; Ortiz, 157; and Hepplewhite, 156.

**FOOTBALL LEAGUE**

Team	Won	Lost
1. Red Skins	74	22
2. Packers	60	36
3. Forty Niners	51	45
4. Cardinals	51	45
5. Rams	48	48
6. Dons	35	61
7. Colts	33	63
8. Eagles	32	64

**TEAM AND INDIVIDUAL**

High team, three games, Cardinals, 2600  
Second high team, three games, Redskins, 2520  
High team, one game, Red Skins, 904  
Second high team, one game, Cardinals, 893  
High individual, three games, Johnson, 626  
Second high individual, three games, Eiffert, 618  
High individual, one game, Eiffert, 268  
Second high individual, one game, Atkins, 246

**TOP 10 AVERAGES**

Johnson, 177; Heineken, 176; Simpson, 169; Atkins, 168; Malley, 168; Parsons, 163; Eiffert, 160; Sparger, 160; Brewster, 159; Melillo, 159; Reed, 159; Mahoney, 158; Horne, 158; Hepplewhite, 157; and Wood, 155.

**INSECT LEAGUE**

Team	Won	Lost
1. Scorpions	59	33
2. Centipedes	55	37
3. Fireflies	54	38
4. Roaches	48	44
5. Lady Bugs	47	45
6. Black Widows	40	52
7. Beetles	37	55
8. Hornets	28	64

**TEAM AND INDIVIDUAL**

High team, three games, Centipedes, 2096  
Second high team, three games, Fireflies, 2056  
High team, one game, Centipedes, 745  
Second high team, one game, Scorpions, 744  
High individual, three games, J. Partch, 526  
Second high individual, three games, M. Dixon, 515  
High individual, one game, P. Fink, 229  
Second high individual, one game, J. Partch, 202

**TOP 10 AVERAGES**

Walker, 151; Fink, 148; Partch, 145; Schultz, 140; Brown, 138; Frizzell, 138; Hahn, 136; Drake, 136; Brewster, 136; Dixon, 135; Walters, 132; Parsons, 128; Buchanan, 128; Campbell, 126.

**Corporation Team Entered in Base Cage Tournament**

An All-Star basketball aggregation has been selected from among the players in the Sandia Corporation League to represent the Corporation in the Base All-Star Basketball Tournament to be held at the new Base gym March 19 through 23.

Players were selected by a vote of the league managers and will compete against All-Star teams from the Army, Navy and Air Force personnel on Sandia Base.

Corporation All-Star Softballers won the base championship last summer against the same competition and hopes are high that the basketball crown will also be ours come March 23.

Games are free and spectators are

**Softball**

It's time to be thinking of softball again. The Corporation Spring-Summer league will be getting underway the first week in May.

All departments interested in entering teams in the league should be getting their rosters completed and turned in to Joe Hickey at the Employee Services Division, 3122 (located in Bldg. T-301), across from the Base cafeteria.

It looks like a bang-up year for softball, so start getting your team together now.

welcome. Plan to attend some of the games. The following cagers will see action in the Corporation line-up: Val Black, Bob Black, Jim Winters, Jim Hinson, Lee Schulz, Charlie Chavez, Joe Silva, Charlie Monroe, Sam Tabet, Chet Clyde, Leo Gutierrez, Arnold Gutierrez, Walter Maupin, and Charlie Garcia.