

WE GIVE

Once
and for
All

58-59

**UNITED
FUND**

PLUS

AMERICAN CANCER SOCIETY
NATIONAL MULTIPLE SCLEROSIS SOCIETY
BERNALILLO COUNTY HEART ASSOCIATION
NEW MEXICO SOCIETY FOR CRIPPLED CHILDREN
MUSCULAR DYSTROPHY ASSOCIATION OF AMERICA
NATIONAL ARTHRITIS & RHEUMATISM FOUNDATION
ALBUQUERQUE ASSOCIATION FOR RETARDED CHILDREN
CEREBRAL PALSY ASSOCIATION OF BERNALILLO COUNTY

SANDIA EMPLOYEES CONTRIBUTION PLAN

SANDIA SYMBOL of the "Once and For All" drive for employees is reproduced above. Employees who have contributed \$12 or more to the drive will be given one of these stickers.

Message From the President



stated in their generous contributions to the various health, recreation, and welfare organizations represented in our Employees Contribution Plan. I was highly pleased to learn that the average contribution of those who joined the Plan last year was almost \$18.

The plan for federated giving, whereby we contribute to eight health service organizations in addition to the Community Chest and Red Cross, is another indication to me of the kind of progress and initiative I have learned to expect of Sandians. I was glad to learn it is an employee-originated plan. I am sure it will continue to enjoy your wholehearted support.

My time at Sandia is still very short, but even in this brief period I have been impressed by the friendliness of all our people. The warm sincerity of everyone here is refreshing and reassuring.

To the committee in charge of the enrollment campaign I extend best wishes and congratulations for a well planned and executed program.

I understand that this same spirit on the part of Sandia employees has been demon-

J. P. Molnar
J. P. Molnar

President, Sandia Corporation



YOU HAVE A HAND in so many people's happiness when you participate in the Sandia Employees Contribution Plan Campaign.

Livermore Systems Development Reorganized Into Five Departments

The Systems Development Organization at Livermore (8100) has been reorganized into five departments, two more than previously.

R. L. Brin was promoted to manager of Engineering Support Department 8110 and Leo Gutierrez was promoted to manager of Preliminary Design Department 8140.

L. E. Hollingsworth heads Test Department 8120. W. C. Scrivner is manager of Product Development Department 8150, and C. R. Barncord heads Product Engineering Department 8160.

The reorganization concentrates the engineering support functions, such as drafting, materials support, and product evaluation, into Department 8110. Test functions, both environmental and field operation, are in Department 8120. The other three departments carry weapon programs from inception through production.

Continuity in weapon development is one reason for the reorganization. Engineers who work on programs which begin in the Preliminary Design Department will stay with the program when it goes to the Product Development Department and finally to the Product Engineering Department. During the development of a weapon the number of engineers in

the project division will vary, but some of the engineers who participated in the program at its inception will remain with it through production.

The project engineer (supervisor of the project division) for a specific program will start a weapon design in the Preliminary Design Department, working closely with Preliminary Analysis Division 8141. Later, the project division will transfer to the Product Development Department and the staff will be increased as the program develops. When the program moves to the Product Engineering Department the project division will work closely with Product Control Division 8161.

The functions of all organizations below department level remain the same as they were (although organization numbers have been changed) with this exception—

The Electrical Design Division, formerly 8123, has been disbanded. Its functions have been assigned to pertinent project divisions. Supervisors of the group have been reassigned to project organizations as follows:

E. A. Aas, project engineer, 8162; E. L. Paine, 8142-1; and H. R. Sheppard, 8152-1.



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

VOL. 10, NO. 21

ALBUQUERQUE, NEW MEXICO

OCTOBER 17, 1958

'Once And For All' Drive To Be Launched Tomorrow

Sandia employees' second "Once and For All" fund drive will start tomorrow.

Known as the Sandia Employees Contribution Plan, the drive will collect funds for distribution among 32 different health, recreation and welfare agencies in this area. These agencies, and their purposes, are listed on another page of this issue of the Sandia Lab News.

Approximately 800 volunteer solicitors will conduct the campaign among Sandia employees. It is planned to finish all solicitation by the end of the day Monday, Oct. 20.

The campaign procedure as adopted last year made year-around payroll deductions available to employees who gave at least 25 cents per week or \$1 per month. Every employee was solicited last year. Only those employees who are not presently taking advantage of the payroll deduction plan will be personally solicited this year.

Deductions which were made last year or made by new employees when they signed in will be automatically continued. Those wishing to join the plan during the drive will be asked to fill out a card which authorizes payroll deductions.

Those already participating may increase their pledge by filling in the "increase in deduction" portion of the payroll deduction card. Those cards will be sent to Plan participants when the drive begins.

An employee committee, headed by David S. Tarbox (2440), has established a percentage allocation of funds based on the past fund

Contributions Hit \$5,320 at Livermore; Average Gift \$13.40

Livermore Laboratory employees contributed a total of \$5,320 to the United Crusade, William A. Little (8121), campaign chairman, announced in his final report on the drive. This represented over a fifth of the \$25,000 goal for the City of Livermore.

The average contribution from the 92.3 per cent of employees who participated was \$13.40. "This impressive record was made possible only by the intense interest and hard work displayed by each one of you," Little told the campaign workers.

Corporation employees in Community Chest and United Fund drives tells a story of steady improvement.

Year	Total Contributions	Average Participant Gift
1957	\$96,100	\$18.00
1956	64,000	11.03
1955	49,261	8.67
1954	40,746	6.80
1953	38,783	6.66

In addition to Chairman Dave Tarbox, committee members are: R. A. Knapp (7130), L. J. Heilman (7200), P. J. Cook (5532), Al Schonberg (4323), H. E. Burrell (2124), L. M. Jercinovic (7240), Noble Johnson (3122), W. B. Davis (4131), Webb Shafer (3242), T. B. Sherwin (3125), and C. E. Long (7223), and Ken Kerns (7213), campaign director.

Headquarters for the Sandia drive is in Room 120, Bldg. 887.

U. S. Brain Derby Semifinalists Sons of Sandia Employees

Dick Watkins (8162-1) and Juan Doyen (8114-1) are a pair of proud parents today. Their youngsters, Joanne Watkins and John Doyen, have been named semifinalists in the National Merit Scholarship competition.

Both are students at Livermore High School. They were among the 10,000 students across the nation who scored highest in the National Merit Scholarship qualifying test, a nation-wide test of educational development. The test was given in more than 14,000 high schools last spring.

raising record of participating agencies in the community.

Following is the division: United Fund (24 agencies)

	75.0%
Heart Association	4.5
Cancer Society	7.6
Muscular Dystrophy	1.3
Multiple Sclerosis	1.0
Arthritis & Rheumatism	1.3
Cerebral Palsy	3.2
Crippled Children	4.1
Retarded Children	1.0

Employees who contribute through payroll deduction will be given window stickers and wallet-sized cards identifying them as members of the Sandia Employees Contribution Plan.

Previous performance of Sandia



The Sandia Lab News is an official publication of the Sandia Corporation, Albuquerque, N. M. Office: Room 10, Bldg. 829, Public Relations Division Editor: Robert S. Gillespie

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Alpine 6-4411
Ext. 25253, 26135



Deadline
Friday noon of week
prior to publication



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

Strength in Unity

Last year Sandia employees pioneered a new concept in charitable giving — a plan having two important and inseparable features:

1. Year 'round payroll deductions, and
2. Adding the major national health service agencies to those supported through the United Fund.

The payroll deduction idea was not new. What was added was the idea of giving to ALL major charities on a CONTINUING basis. The idea was that individuals would annually review their level of giving and change it if they wished, but that expensive and time consuming re-solicitation would not be required.

Our Contribution Plan Committee figures out the amount to be collected during the year by projecting on a 12-months basis the amount employees pledge per pay period. There is no provision in the plan for a payroll deduction period of less than 12 months and to sign up with the intention of cancelling a few months later gives a distorted estimate of the amount of money that will be collected during the year.

So when you sign up this time, whether you are reviewing an existing pledge, signing up for the first time, or re-enrolling, remember:

1. The \$12 minimum for membership in SCECP is actually less than would be expected of us as an average if we were contributing to the United Fund alone. We cannot adequately assist the other national health agencies (cancer, heart, etc.) unless our average contribution is a good deal higher.

2. The success of the federated giving plan rests on a high percentage of participation by employees.

Read the booklet carefully, think the matter through, and decide now to "GIVE ONCE, and For ALL."

Passive Policies Toward Communists

"Communist infiltrators are seating themselves in places of power in every level of our society and every organization we have," the late General Claire Lee Chennault warned the Committee on Un-American Activities earlier this year.

The Communist world threat is so critical and the hour so late, General Chennault declared, "that only a reversal of today's passive policies toward the Reds by the remaining non-communist nations can save freedom."

General Chennault expressed doubt that the United States and the free world could ever negotiate themselves out of conflict with international communism. He believed that another summit conference would "only deepen the despair of people already enslaved by communism."

The indictment of "passive policies" by General Chennault brings to mind the feeling of remoteness most of us have to subversive activities. It just can't happen here, is the feeling of too many Americans. Subversion, too many loyal citizens feel, is movie stuff, found only in fiction.

This attitude is part of the passive policies which are helping form a noose for freedom. It can happen here, it is happening here.

As the General said, the threat is critical, the hour is late.

New Hires Sept. 23-Oct. 3

Albuquerque	
Robert S. Bakie	2461
Dorothy C. Crocker	4142
Antoinette M. DeVarenne	2461
Virgie Ruth Key	2731
Elreath M. Lyon	4112
Gerald E. Siefken	1462
William L. Stephens	2464
Karen L. Steck	3152
John H. Fornea	2411
Carrol K. Hale	3242
Elcise O. Tabet	2471
Robert H. Walters	3152
*Mary J. Goetz	5252
California	
Shirley J. Foster, Livermore	8121
Sharon A. Watson, Livermore	8212
Patricia A. Granaham, Castro Valley	8223
Hazel Hellen, Pleasanton	8212
Marie V. Martin, Niles	8212
Jean L. Ullman, Livermore	8114
Joseph E. Vanderpoorten, Castro Valley	8121
H. Frank Bacon, Turlock	8224-3
Illinois	
William C. Steele, Decatur	2713
Lloyd W. Busch, Rockford	2151
William C. Jacoby, Wilmette	5131
Massachusetts	
Samuel E. Estes, Cambridge	1521
Missouri	
William J. Barlow, Rolla	1411
New Mexico	
Clifford M. Long, Los Alamos	5251
Anthony T. Norwich, Los Alamos	8225
Oregon	
Charles J. Pignolet, Jr., Bedford Hts.	8113
Pennsylvania	
William M. Mondress, Philadelphia	1456
Texas	
Andrew T. Kersey, Farwell	2418
Billy D. Thompson, Lewelland	2411
Washington	
Devon A. Clement, Kennewick	8222
Percy H. Williams, Seattle	8122
Jackie M. Workman, Seattle	8121

*Denotes Rehire

Need Blood to Replace Nearly 50 Pints Given Harold T. Cushman

Blood donations are needed for Harold T. Cushman (2554), who has received almost 50 pints of blood in the last three months at the Veterans Hospital.

Donors should go to the Southwest Blood Bank, 710 Central SE, and should indicate whom they are giving blood for.

The bank is open until 7 p.m. on Thursdays.

Notre Dame Alumni To Meet Oct. 18

The Notre Dame Club of New Mexico plans a party at the Alvarado Hotel at 6 p. m. Oct. 18, the evening following the Notre Dame-Duke football game.

Alumni and friends of the two schools are invited to attend and are asked to contact George Glaser (4143), vice president of the Notre Dame Club, at AL 5-6858.

Other Sandians who are officers of the local association are Larry O'Connell (1541), secretary, and Bill Benedick (5132), treasurer.



SAYING GOODBYE to former Sandia Corporation President James McRae (right) was Dr. S. P. Bliss (3160). The occasion was an open house for Mr. McRae on the eve of his departure from Sandia. The chalk mural on the blackboard (rear) was done by Dick Strome of Tech. Art Div. (2463).

Elks Club Solves Hunters Annual Knotty Problem of Hide Disposal

Sandia Corporation employees who are enjoying the meat from their recent hunting trips but don't know what to do with those unwanted hides can get rid of them and help a worthy cause at the same time.

The Benevolent and Protective Order of Elks is collecting hides for use in a program of rehabilitation in Veterans Hospitals.

Boxes for the skins will be placed outside gates 1, 4, 6, 7 and 8 Monday, Oct. 27, and will remain there through November. Employees are asked to salt down the hides and roll and tie them. The BPOE will collect them daily.

Hides collected in this drive are sent to the California Elks Association where they are processed and tanned and then exchanged for cowhides. These cowhides are then sent back to the VA hospital in Albuquerque and elsewhere to be used in occupational therapy work by the patients.

For further information or to arrange for special hide pickups contact Howard Nuñez (1612), ext. 20133 or Roy Brett (3243), ext. 38257.

Seek Scouts

William E. Lane (1651), a scoutmaster for Troop No. 166, is looking for new members. The boys meet at Monroe Junior High School in the west wing back of the gym on Friday nights at 7. Anyone interested can contact him at AX 9-3962.

Get Well Wishes

Get well wishes are extended to C. S. Stack (2112), who has been ill and is in the hospital.

Thieves Strike

The home of Frances (7423-3) and Wilbur B. Sheaffer (5215) was robbed of more than \$500 in cash and appliances recently. Included in the articles stolen were an electric sewing machine, clock, typewriter and a valuable ring.



Lydia Candelaria (7225)

Take a Memo, Please

It's easier to do things right—and safer too, because life is too short to take long chances.

Congratulations

Born to:
Mr. and Mrs. A. R. Verardo (7232) a daughter, Mary Jo, on Sept. 30. Mary formerly worked in 7225.

Mr. and Mrs. Jim Reed (7233-2) a son, Russell, on Sept. 20.

Mr. and Mrs. Jack Reynolds (4315-2) a son, Lee Brooks, on Sept. 21.

Mr. and Mrs. Richard Starkey (2473) a son, Gary Dwayne, on Sept. 22.

Mr. and Mrs. Dick Dillon (5122) a son, Eric W., on Sept. 28.

Mr. and Mrs. H. W. Loemker (5253) a son, Randall Dean, on Sept. 30.

Mr. and Mrs. Bruce R. Higgins (2121-2) a son, James Bruce, on Sept. 25.

Mr. and Mrs. Nabor Real (2121-2) a son, Joe Henry, on Sept. 26.

Mr. and Mrs. Asher Kantz (5150) a daughter, Donna Kathleen, on Sept. 29.

Mr. and Mrs. J. H. Lloyd (1264-2) a son, Gerald Anthony, on Sept. 26.

Sympathy

To Julian Silva (7233-2) for the death of his father recently.

To Fred A. Duimstra (1474) and Carl O. Duimstra (1472) for the death of their father in Colton, S. Dak. on Sept. 28.

Robert T. Bennett Dies October 2

Funeral services were held Oct. 4 for Robert T. Bennett, 56, Sandia Corporation employee for more than eight years and supervisor of Pipefitting and Sheet Metal Section 2414-1. Mr. Bennett died Oct. 2.

Mr. Bennett is survived by his widow, Mrs. Flora F. Bennett; a daughter, Mrs. Norman Knudson, Dallas, Tex.; a son, Lawrence Bennett, Albuquerque, and a sister, Mrs. Elizabeth Kimmick, Silver City.

New Homes

Mr. and Mrs. William Zemka (7411) are moving to their new home at 2108 Dorothy NE soon.



LAYING CLAIM to pulling out the biggest trout in Fenton Lake in the Jemez Mountains is Harold MacGregor (2124-2) who exhibits his 23-inch, six and three-quarter pound beauty.

New Insurance Counselor

New insurance counselor in Employee Services Bldg. 829 is Richard "Dick" Kuidus. Dick has been in the insurance business in Albuquerque for two years.

He came to Albuquerque permanently from Chicago in 1956 after serving two years in the Air Force at Manzano Base. Dick and his wife and two-week-old daughter live in Bernalillo.

Dick is in the office full time and Boyd B. Hoff is present part-time.



PROOF THAT the fish were biting at Bluewater Lake recently is shown by Roger Rice (2153), left, and Charles Crider (2722). They spent a pleasant and profitable weekend bringing home 17 trout.

32 Organizations to Benefit From 'Once and for All' Drive

Sandia employees "Once and For All" drive this year will reach more deserving agencies than ever before. With the inclusion of eight health organizations the Sandia Employee Contribution Fund this year will reach 31 agencies including the 24 of the Albuquerque United Fund.

Following are Organizations which will benefit from the Sandia Employees Drive:

Child Guidance Center
Psychiatric clinic team approach to the emotional problems of children.

Christina Kent Nursery
Caring for children from 2 to 6 in a day nursery setting.

Council of Social Agencies
Teamwork for better social services for more people.

Family Guidance Service
Counseling by trained caseworkers for individuals and families in trouble.

Frances Lynn Home
Maternity care for unmarried—a haven for the girl in real trouble.

Legal Aid Society
Professional legal service for persons who cannot pay to defend civil actions.

Martineztown Community Center
A host of activities for young and old leading to better citizenship.

National Social Welfare Assembly
A voluntary national organization improving social services.

New Mexico Hearing Society
Services for the hard of hearing, testing, training, research, education.

Salvation Army
A familiar hand to the troubled and the needy wherever you go.

St. Anthony Boys Home
The only home for some fine lads who will be better men because of the Home.

Special Education Center
Giving opportunity to the exceptional child to lessen his dependency.

United Service Organization
The familiar "home away from home" for men and women in the service.

Visiting Nursing Service
Protecting our health by health education and bedside nursing in the home.

YMCA
Meeting the needs of youth in Albuquerque since 1915. Now the YMCA serves better than ever with the very popular South Branch.

YWCA
Girls and young women need a place to go and something to do in a wholesome environment.

Albuquerque Boy's Club
Wholesome and clean to build sound bodies and build clean minds.

Albuquerque Boy Scouts
Developing leadership and citizenship in the boy through outdoor activities and a planned program of scouting.

Albuquerque Girl Scouts
Scouting opportunities for girls, preparing tomorrow's homemaker for citizenship.

Albuquerque Travelers Assistance
Stranded alone and far from home, ATA lends a helping hand.

American Red Cross
Answering a call for over 75 years in times of disaster and distress. Aid on the local scene too with a program including first aid, lifesaving and help for flood victims.

American Social Hygiene
Protecting American communities from disease and vice.

Camp Fire Girls
Outdoor living preparing our next generation of womanhood for a full and better life.

Catholic Charities, Inc.
Trained casework service for children and families. Foster home and adoption placement.

These additional agencies are not in the United Fund, but share in the Sandia Corporation "Give Once" Plan.

American Cancer Society
Collection and dissemination of information about diagnosis and treatment of cancer. Helps provide medical aid for indigent cancer patients and provides dressings and other sick room comforts for cancer sufferers.

National Arthritis and Rheumatism Foundation
Providing a local clinic for the diagnosis and treatment of arthritis and rheumatism.

Cerebral Palsy Association of Bernalillo County
Operation of a clinic for the diagnosis, treatment and general welfare of persons handicapped by cerebral palsy. The individual patient, regardless of the nature of his handicap, has the benefit of a complete rehabilitation program.

Muscular Dystrophy Association of America
Bernalillo County Chapter
Furnishing wheel chairs, crutches, leg braces, and physio-therapy for the victims of muscular dystrophy. Provides special educational programs for muscular dystrophy children and arranges for transportation between home, school and clinic.

Bernalillo County Heart Association
Providing a free clinic for diagnosis, a complete cardiac examination, and advice for heart patients. Operates a visiting nursing service and disseminates information on heart disease.

New Mexico Society For Crippled Children and Adults

Loans wheel chairs, crutches, braces, etc., to all crippled patients in the state. Operates a Seizure Clinic in Albuquerque for state-wide referrals, a two-week camp for crippled children, sponsors a Christmas party for crippled children and adults and operates a New Mexico rehabilitation center.

National Multiple Sclerosis Society

Bernalillo County Chapter
A newly organized chapter attempting to provide a therapy program for local patients and to arrange for household help for mothers and wives of afflicted individuals. Also provides transportation for patients needing therapy and disseminates informational materials.

Albuquerque Association for Retarded Children

The Association gives the retarded child the opportunity to develop to his maximum potential and become a useful member of the community.



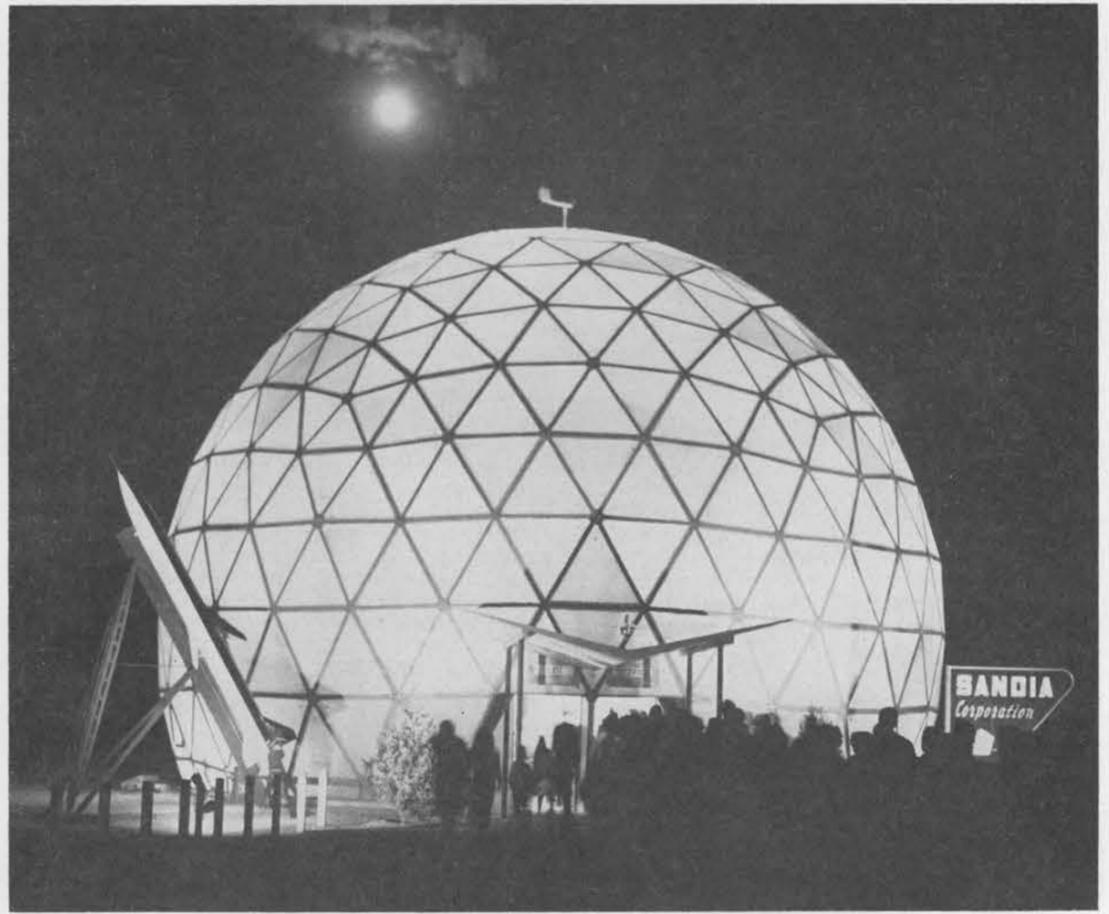
NAVAJO FAIR visitors, especially the younger generation, were intrigued with Sandia Corporation's display this year. The annual event is held at Window Rock, Ariz. Manned by Sandia scientists, the exhibition explained work of Sandia's Field Testing Org.

Dr. R. F. Utter Heads Committee Appraising County School System

Heading a P-TA Committee to appraise Bernalillo County's school system as compared to the recent Rockefeller evaluation report on education is Dr. R. F. "Eob" Utter (3154).

Dr. Utter, a member of the Executive Board of the County P-TA Council, will be forming small technical committees to do short-term assignments. Persons interested in serving on these committees may contact him at Ext. 49248.

Purposes of the committee are to translate national findings into a set of local trends, determine existing gaps in the county system and ascertain what can be done about them, and stimulate maximum amount of constructive work in the school system.



BRIGHT LIGHT of the New Mexico State Fair was Sandia Corporation's geodesic dome. More than 82,000 persons attended the exhibit during the fair. Because of its popularity the display was kept open during the evenings and Saturday of last week.

Labor Leaders Endorse Sandia Contribution Plan

Office Employees International Union
Local 251, A. F. of L.
Albuquerque, New Mexico

October 6, 1958

Mr. Dave Tarbox, Chairman
Sandia Employees Contribution Plan
Sandia Base
Albuquerque, New Mexico

Dear Mr. Tarbox:

In our American society we are privileged to be able to contribute a small percentage of our wages toward the betterment of our community. The Employees Contribution Plan offers the Sandia employees this opportunity of donating to many charities through the payroll deduction.

In the past Sandia employees have been very charitable. The membership of the Office Employees International Union, Local 251, hopes and prays that this year's drive will be more successful than ever before.

Office Employees International Union
Local 251, AFL-CIO
by: A. H. Archuleta
President

Atomic Projects & Production Workers
Metal Trades Council

October 6, 1958

Mr. Dave Tarbox, Chairman
Sandia Employees Contribution Plan
Sandia Base
Albuquerque, New Mexico

Dear Mr. Tarbox:

It is my pleasure to inform you that members of the Metal Trades Council are in favor of the Sandia Employees Contribution Plan. Our members appreciate the chance to give through payroll deduction and also are thankful that the once-a-year drive is making repeated requests for money throughout the year unnecessary. We think this is the best method of supporting these agencies.

We will gladly assume our "fair share" of the drive because we know that the money we will give throughout the next year will be wisely distributed to those people who need it most.

I appreciate the opportunity to represent the Council on the SECP Committee. Dave, we're with you all the way, and we're sure the drive will be successful.

Harold E. Burrell,
Metal Trades Council

International Guards Union of America
Local Number 27

October 6, 1958

Mr. Dave Tarbox, Chairman
Sandia Employees Contribution Plan
Sandia Base
Albuquerque, New Mexico

Dear Mr. Tarbox:

Our attitude toward helping persons less fortunate than ourselves is determined by our moral sentiments concerning our social obligations.

Last year's achievements will not solve this year's problems. Our quota has been increased. There is a most compelling need for increased and continued help from all who were in the Employees Contribution plan during the past year, and an even more urgent need for assistance from those who have not yet seen fit to contribute through the Employees Contribution Plan.

Webb Shafer, President
Local 27
International Guards Union of America



"WHITE LADY" sweeps gracefully across San Francisco Bay with Jim Lenz (8114-2), in the white coat, at the helm. Jim is a member of a three-man crew that races the 33 ft. International sailboat in the Bay area whenever competition can be found.

Livermore 'Week-End Navy' Owns Variety Of Boats, Navigates Bay Area Waters

quartered at Livermore, sets forth every Saturday to sail the ocean, bays, lakes and rivers around San Francisco.

The fleet ranges from canoes to 22 ft. cabin cruisers. Crews consist of wives and children and all a man needs to hold a captain's rank is a salty cap with an anchor insignia.

Those with ships include: John Marion (8131-1) who has a 12 ft. outboard and a 14 ft. Dolphin-class sailboat; Dan Held (8213-1), another two-boat man, with a 14 ft. runabout and a 12 ft. kayak; Dick Cook (8124-3), who sails an 11 ft. International-class center-board sailboat; and Don Wheaton (8222-2), who owns a 14 ft. runabout.

Distaff sailors include Janet Rego (8122), who cruises with her family in a 15 ft. outboard named "Debia Jean;" Kay Schall (8223-2), who worked five months with her husband to build a 15 ft. inboard runabout; Joyce Doyal (8212-3), now helping her husband build an 18 ft. runabout; Pat Mann (8200), co-captain of the "Pat and Mike," a 16 ft. 60 hp runabout; and Jeanne Smith (8122-1), who goes fishing with her family in a 14 ft. outboard.

The "Sea Wolf," a 40 ft. ex-Navy liberty launch, is being converted into a cabin cruiser by Sea

Scouts under direction of "Skipper" C. R. Russell (8213-2). When completed, the ship will sleep 14, one of whom will be the skipper's son, 14-year-old Larry.

Moored at Otto's Big Break near Antioch is the "Imogene," a 22 ft. cabin cruiser named after Imogene Kelly (8212-2) by her husband.

The "Widowmaker" is Neil Giv-

en's name for his tiny Class B Runabout. The 10 hp motorboat can whisk across the water at over 32 miles per hour. Neil works in 8221-1.

Paul Richards (8124-1) and his wife roar through the waters of San Francisco Bay frequently in their 22 ft. cruiser, the "Rebel."

Now that he has a 15 ft. Fiber-glas runabout, Clear Lake is a favorite fishing spot for Russell Richards (8133-2). When not at the lake, Russell and his family angle for striped bass in the delta waters around Antioch.

Joe Sladky (8132-2) moors his 19 ft. outboard express cruiser at the Oakland Marina. The boat sleeps two and the Sladky family spends weekends aboard, cruising the Bay area.

Aboard the "Tina Two," Capt. Jesse Burns (8122-1) and passenger Jim Brock (8224) purr along the delta waterways. Jesse also takes his 16 ft. cabin cruiser up to Turlock Lake for cruising and fishing.

Jim Munyon (8122-1) and wife, Carol, both handle the tiller of their 20 ft. runabout "Sea Mate." Lundy Lake, the San Joaquin and Sacramento Rivers are all favorite haunts.

The San Joaquin River is also preferred by C. R. Barncord (8110) in piloting his craft, the "Marbar."



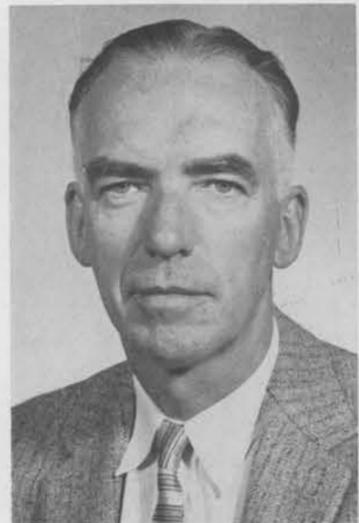
CANADIAN WILDERNESS was vacation fishing goal of Tom Brumleve (8124-3), who usually paddles his 17 ft. aluminum canoe through the heavy swells of the Pacific on week ends.



LANDLUBBER Bob Weaver (8132-2) swabs the deck of the "Ginni O" as Carter House (8132-2) (left) and Captain Matt Oliver (8131-1) look on. Water skiing is also a popular sport among boat owners and their friends at every moment of leisure.

Charles M. Butler Nominated to Office In Radio Relay League

Charles M. Butler (7111), has been nominated by a group of Albuquerque radio amateurs, many of whom are Sandians, for the office of Director of the Rocky Mountain Division of the American Radio Relay League.



Charles M. Butler

ARRL members comprising the division reside in the states of New Mexico, Colorado, Utah, and Wyoming.

The American Radio Relay League is the largest amateur radio organization in the United States and Canada, and is divided into several divisions for administrative purposes, each headed by an elected director. Charlie will be running against two other amateurs who live in Colorado.

Ham radio is not new to Charlie, whose present station call is W5 WNU. He received his first license in June of 1920, and was assigned the call ICBI, later changed to 1AI. Licenses then were not issued with the now-used W or K prefixes. Charlie's membership in ARRL dates back many years, with his current continuous membership now over six years.

Charlie has lived in Albuquerque 10 years, and this month he marked his eighth year with Sandia Corporation. His wife, Gertrude, is in 5211. Their oldest son, Bruce, is licensed as W5PXN.

Active on all bands, 80 through 10 meters, plus two meters, Charlie is well-known to western amateurs. He is a member of Air Force Military Affiliate Radio Service (MARS), and is the ARRL Emergency Coordinator for Bernalillo County.

Employees Again Capture Many Prizes At Annual New Mexico State Fair

State Fair goes this year found a lot to look at, much to wonder about and many memories to take home with them. Grown-ups as well as kids enjoyed the model train exhibits, the animals, the mid-way. One wondered why there were radios playing in the cattle barns, but nowhere else. Youngsters, some getting their first glimpses of farm animals, brought forth many delightful comments, such as: "Those aren't sheep, those are teddy bears."

Sandians participated in the Fair by entering exhibits to be judged and many of them now have ribbons and prizes for their efforts. Following is a list of the winners as reported to the Lab News:

Photography:

Black and white prints: Portrait, B. K. "Bill" Laskar (2462), second place; Still Life—L. E. Erne (2462), second place; Robert Hall (2462), third place; Landscape—Erne, first place; Bob Ezell (2462), third place; Pictorial—W. F. Boyes (2462), first place; Ezell, third place; General—Laskar, second place; Oscar Goodwin (2462), third place.

Color: Portrait—Hall, second place; Still life—Goodwin, first place; Elliott W. "Tiny" Harris (2462), second place; Pictorial—Goodwin, first place.

Color transparencies: Laskar, second place; Harris, third place; Still Life—Hall, third place; Pictorial—T. A. Allen (2231-3), first place; LeRoy Hassebroek (7311), second place; General—Goodwin, second place; Allen, third place.

Numismatics:

John Olson (7424-2), third place; R. C. Jackson (7421), two first and four second place awards for circulated minor coins; Earle George (1541), first prize for ancient Roman coins.

Clocks:

E. L. "Lee" Deeter (1540), first prize for Early American, before 1850, rare shelf clock by Eli Terry; second prize for French Brass Victorian clock, late 1800's.

Sewing:

Virginia Dalesandro (4332-1), first prize for needlepoint pillow; third prize for guest towel, crocheted.

Pigeons:

Sons of Geri Whiteman (2723-3), second and fourth place for Yellow Jacobines; fifth place for Russian Powder pigeon.

Wood:

Son of R. L. Schneider (7311), prize for inlaid wood desk top.

Flowers:

Wife of Robert Higgins (TDSR-

1520), 2 first prizes, 5 second prizes, 3 third prizes, specialty in roses.

Jewelry:

Bob Burgess (5213), second prize in professional jewelry.

Vegetables:

George B. Roberts (7422), second prize for squash.

Hogs:

Lewis Butler (7233), 2 placed second to grand champion and 1 placed third to grand champion.

Hens:

Clarence U. Puthoff (7732), trophy for Champion Game Bantam of Show; also won Champion Young Pen, First Young Trio; Second in the Cock and Hen Classes; Third for Hen and Cockerels, Fourth for Hen; Cock, Pullet and Cockerel, fifth in Cock and Pullet classes.

Horses:

A. I. Redlinger (2713-3), third place for 1958 stallion, unnamed; second place for Brood Mare class, Rosanna, and sixth place for Mare and Colt class, Rosanna and unnamed.

Technical Writing Problems Discussed By UNM Professor

"Reflections on the Problems of Technical Writing in Industry" will be the topic of Dr. Norton B. Crowell at the Oct. 20 meeting of the Albuquerque Chapter, Society of Technical Writers and Editors. Dr. Crowell is associate professor of English at the University of New Mexico.

Dr. Crowell will discuss some of his personal experiences connected with the problems he has encountered in attempting to improve technical communications in industry.

Time of the meeting is 7:30 p.m. at Reddy's Rendezvous. The public is invited to attend.

Patent Given Employee For Transistor Oscillator

Paul F. Scheele (5223) has been awarded a patent, assigned to the AEC, for his invention of a Voltage Controlled Transistor Oscillator.

More than 1000 of these oscillators have been in use at Sandia since their invention four years ago. The device forms a part of an FM/FM telemetering package in airborne test vehicles, converting variable input voltages into frequencies for transmission to ground receiving stations.

The patent, granted last month, is No. 2,852,746.

Promotions

- C. E. Justice, Jr. (2133) to Wireman
- Elmer D. Whitener (2481) to Refrig. & Air Cond. Mech.
- Tom C. Garcia (2711) to Inspector
- Willie J. McCabe (2711) to Inspector
- M. J. L. Gallegos, Jr. (2723) to Inspector
- Lorena F. Trujillo (7225) to Typist Clerk
- Norma J. Cowden (7225) to Typist Clerk
- B. J. Pennington (2461) to Document Clerk
- Mabel L. Sylvester (2461) to Document Clerk
- Marie B. Stone (2461) to Document Clerk
- Vitalia V. Salas (4131) to Payroll Clerk
- Willette D. Lang (5241) to Math Analyst
- Lawrence H. Ivy (5241) to Math Analyst
- Charlie M. Barnes (1452) to Technician
- Ida F. Herbert (8212) to Stenographer (Clerk)
- Wynne A. Grace (1451) to Staff Assistant
- F. J. Sparber (1452) to Staff Assistant
- Richard W. Hoffman (1611) to Staff Assistant
- Sue M. Gardner (3153) to Staff Assistant
- D. R. Metheny (2474) to Janitor
- Virginia J. Miller (2133) to Wireman
- Kenneth R. Anderson (2133) to Plate Maker
- Patricia Garcia (2415) to Laborer
- Paz C. Lopez (2711) to Inspector
- W. J. Moulds, Sr. (2412) to Junior Tradesman
- Jimmie Otero, Jr. (2414) to Junior Tradesman
- Wayman H. Phelps (2413) to Painter
- Joseph B. Gonzales (2411) to Electrician
- Hollis P. Elledge (2412) to Electrician
- Dale L. Peckum (2411) to Electrician
- Leonard Glover (2412) to Millwright
- Eugene W. Stemple (2481) to Heavy Eqpt. Optr.
- Donald J. Buntent (2154) to Model Insir. Maker
- Arlene J. Jackson (7225) to Typist Clerk
- Jose F. Lucero (2464) to Teletypewriter Optr.
- Virginia R. Schaub (4142) to Schedule Clerk
- Mary O. Sumpter (4333) to Cal. Machine Optr.
- Dorothy D. Hummer (4333) to Cal. Mach. Optr.
- Hazel R. Whitlock (5512) to Message Center Eqpt. Optr.
- Wanda S. Conklin (7225) to Record Clerk
- Ruth J. Cesarz (7225) to Typist
- Ruth D. Way (7225) to Typist
- Isabelle C. Fuller (7225) to Secretarial-Steno
- Dorothy R. Shaffer (7225) to Secretarial-Typist
- Janice E. Robertson (7225) to Secretarial-Steno
- Teresa A. Newell (7225) to Secretarial-Steno
- Ada Jane Akin (7225) to Secretarial-Steno
- Diane L. Richards (7225) to Secretarial-Steno
- Frances H. Curd (5512) to Report Clerk
- Joann F. Wiesch (7225) to Typist
- C. L. Cuthbertson (7225) to Typist
- Ina A. B. Alexander (2466) to Senior Clerk
- John Blough, Jr. (7242) to Property Clerk
- Alan A. Netz (5241) to Math Analyst
- John W. Melvin (5241) to Math Analyst
- Mary L. Lowe (5241) to Math Analyst
- Audilio Barela (7242) to Order Analyst
- Andrew J. Alderete (7242) to Order Analyst
- Paul B. Vandenberg (1614) to Technician
- Jane G. Humphrey (4112) to Secretarial-Steno
- Janet L. Rego (8212) to Secretarial-Typist
- Joyce B. Ralph (8212) to Secretary
- Marylee J. Adams (7225) to Secretary
- Richard M. Kear (2462) to Bindery Optr.
- Paul A. Chavez (2154) to Machinist
- Anthony N. Chavez (2711) to Inspector
- Fidel Gonzales (2415) to Laborer
- P. Trujillo (2418) to Laborer
- Santiago Anaya (2411) to Cleaner
- Trinidad J. Montano (2411) to Cleaner
- Shirley Ann Gibbs (2525) to Secretarial-Steno
- Joanne Q. Landwehr (2533) to Secretarial-Steno
- Lucia C. Vigil (2522) to Stenographer-Clerk
- John W. Martinez (1612) to Math Analyst
- Edward L. Patterson (1611) to Staff Assistant
- John S. Talbutt (5531) to Staff Assistant
- Kenneth Harrington (1541) to Staff Assistant
- James Edward Smith (2465) to Staff Assistant
- Nancy C. Daley (3154) to Staff Assistant
- Jack C. Grape (2525) to Staff Assistant
- G. K. Carmichael (6021) to Staff Assistant
- John W. Frizzell (2541) to Staff Assistant
- Herbert S. Schwarz (3243) to Staff Member
- Jacobo Mata (2112) to Material Handler
- Onesimo Martinez (2112) to Material Handler
- Katherine A. Scott (2462) to Ozalid Optr.
- Arlen R. Baldwin (2711) to Inspector
- Edward Coca (2711) to Inspector
- Mack M. Marris (2231) to Repairman
- Gail D. Whaley (1592) to Cal. Machine Optr.
- Ann A. McClelland (2111) to Report Clerk
- Gene L. Guerin (2221) to Record Clerk
- Sicely V. Nixon (2442) to Record Clerk
- Eulogia H. Lopez (2722) to Record Clerk
- B. S. Cervantes (4131) to Payroll Clerk
- Clarence C. Fischer (4142) to Tab. Eqpt. Optr.
- Shirley M. Devine (5512) to Message Center Eqpt. Optr.
- Glenna L. Moseley (5512) to Message Center Eqpt. Optr.
- Millie M. Rush (5512) to Message Center Eqpt. Optr.
- Clyde H. Deeds (5512) to Message Center Eqpt. Optr.
- Janice M. Sharp (7242) to Senior Clerk
- Viola G. Castillo (2462) to Reproduction Service Clerk
- Nick Padilla (5512) to Senior Clerk
- Warren B. Miller (5241) to Data Reduction Clerk
- Jean A. Horvath (5241) to Data Reduction Clerk
- R. R. Teasdale (7225) to Senior Clerk
- Roy M. Smith (2471) to Stock Analyst
- Perfecto W. Romero (7233) to Stockkeeper
- Lawrence F. Dyer (1614) to Stockkeeper
- Ernest R. Dunaway (1622) to Lab Asst.
- Helen L. Kliver (3152) to Personnel Clerk

90 Sandians in Nevada For Operation Hardtack Phase 2

Last week when the first full-scale underground nuclear device of Phase Two, "Operation Hardtack," was tested at the Nevada Test Site, the detonation was of great interest to Sandia Corporation personnel.

About six underground shots are scheduled in the northern portion of the test area in a tunnel complex near the site of the 1957 "Rainier" shot, the first deep underground nuclear detonation. Some of the safety experiments, intended to determine the nuclear safety of weapons in case of accidents, are being conducted in tunnels in the same area.

Information obtained from full-scale deep underground shots will be of interest in connection with "Project Plowshare" experiments now being projected in Alaska and near Carlsbad, New Mexico.

A group of Sandians working in collaboration with University of California Radiation Laboratory, Livermore, on earth-motion studies for underground shots is headed by J. W. Wistor (5231).

Optics phase of these studies is being handled by a group under B. C. Benjamin (5216).

90 During Month

During October approximately

Caravan Club to Honor XYL's at Dinner Meeting

The Amateur Radio Caravan Club of New Mexico will hold its annual XYL Night dinner at La Hacienda in Old Town on October 29.

"XYL" is ham radio lingo for "wife." (YL is young lady, the girl friend!) With the XYL's in mind, the planning committee, headed by Tom Marshall (1265), is gearing the evening's activities around the ladies' interests, with favors and bingo. By tradition, no technical talk is allowed on this evening. Bob Dawirs (1261), Caravan Master, says "I'd have to account to my XYL if there were any tech talks on that night!"

A highlight of the evening's activities for members will be the announcement of the results of the election for club officers. Now under way, according to Brian Ward (1262), secretary-treasurer of the group.

Carl Franz (1471), program director of the club, reminds all members and interested persons that the next regular business meeting of the Caravan Club will be held at the Radiation Clinic of Lovelace Clinic at 8 p.m., Oct. 22. The meeting will be preceded by roll call on 29.6 mcs at 7:30 p.m.



Guy Lombardo Coming To Coronado Club

Guy Lombardo and his Royal Canadians have selected the Coronado Club for their first Albuquerque appearance Oct. 31.

The popular orchestra, known for "the sweetest music this side of heaven," will play from 9:15 to 12:45 a.m. for the dancing pleasure of members and their guests.

Member tickets are now on sale at the club office at \$3.30 each. Guest tickets (if available) go on sale next week at \$5.00 each.

90 Corporation employees were assigned to the Nevada Test Site with George P. Stobie (5230) as Sandia Test Group director. The majority of men returned only recently from earlier test series at Eniwetok and are now quartered at Camp Mercury, 65 miles northwest of Las Vegas.

For the second year Sandians are responsible for operations coordination between Los Alamos Scientific Laboratory, University of California Radiation Laboratory and other participating agencies.

As a result this "nerve center" in Control Point is manned 24 hours a day, seven days a week, during the entire test period. There, any changes in shot dates are scheduled, interested groups are notified and any conflicts in timing are resolved by this group.

Ten men are presently assigned to this function and plans call for three of them to be retained on a permanent basis for future operations coordination in the entire test area.

This office is also responsible for clearing personnel from certain areas of the test site prior to any detonation.

Final Operation Report

Another Sandia responsibility is the final operational report, including details of the entire test series, and the Deputy Test Manager's report. For this work Sandia tech writer Don Rauber (7223) has been assigned to the test group.

The Test Group Office, handled by C. G. Scott (5232) and C. W. Ingersoll (5231), supplies technical support to the AEC and the Laboratories.

The real desert dwellers of the Sandia contingent are the 20 men who travel 40 miles each way from Mercury to their bleak locations in Area 12, where the shot tunnels are located. One group there, under C. H. Stockley (5231), is responsible for arming devices. Work in microtime telemetry in Area 12 is handled by four men under H. R. Dale (5232), while another group, headed by S. A. Ingham (5232), does similar work in other areas. Still another Sandian group in the remote areas under R. M. Tidwell (5231) is doing work of a classified nature.

Experiments in using captive balloons as detonation platforms in nuclear tests were conducted by Sandia Corporation in 1955 and 1956. This type of placement was used during "Operation Plumb-bob" and is being continued this year. H. G. Larsen (5231) and several other Sandians are working with the balloons.

Radiation Effects

Still another group headed by W. K. Dolen (1626) is concerned with radiation effects on materials. H. R. MacDougall (5232) is construction coordinator for Sandia. Ground Zero coordination is being handled by five Sandians from the Livermore Branch for UCRL: W. A. Maupin, John Fuqua, V. Matson, R. L. Read and J. I. Blanchard.

Sandia is represented on the shot evaluation panel by Jack Reed (5111) whose function on the panel is preparing and presenting data on possible blast damage from Nevada detonations.

Another phase of work is being done by Paul Rowe (1231), Ted Krein (1231), George Peterson (1218) and Ed Hansen (1231) who are on loan to LASL to handle some operational aspects of "Project Rover." This is the study to determine the feasibility of using nuclear power in propulsion systems for rockets. More than 10 million dollars in construction is near completion at Jackass Flats with initial hookup of the first experimental reactor expected this year.



CHANGES HANDS—The Sandia Corporation—AEC golf trophy was presented last week to the AEC to officially close the first annual AEC-Sandia Corporation golf tournament. "Presenting" the trophy to AEC-ALO Deputy Manager F. C. Di Luzio (right) was S. P. Schwartz, Vice President and General Manager of Sandia.

AEC Wins First Golf Tourney

AEC players have taken possession of the Sandia Corporation-AEC Golf Trophy in the first annual tournament between the two organizations. The trophy was presented by S. P. Schwartz, Vice President and General Manager of Sandia Corporation. Accepting the award for the AEC was F. C. Di Luzio, Deputy Manager of the AEC Albuquerque Operations Office.

Winning score of the AEC team was 19½ to 16½ mustered by the Sandia team.

AEC individual trophy winners for low net were Hersh Martin, first, with second place tied by Andy Walker and "Doc" Rollins.

Sandia individual trophy winner for low gross was Dick Kidd (1245). Pat Donovan (1263) tied with the AEC winners for second low net score.

Tourney directors and team captains were Bob Ruebusch (AEC) and Chet Fornero (7329).

Technical Articles Heard at 1958 AEC Welding Conference

Technical papers by two Sandians were presented at the 1958 AEC Welding Committee Meeting held Oct. 13 through Oct. 15 at Hanford, Washington.

D. W. Grobecker (1621) gave two papers entitled "The Determination of Aluminum Weld Strength Characteristics," and "Welding Progress and Problems at Sandia Corporation." R. L. Holoway (1461) presented a paper entitled "Sealing of Small High Pressure Sheet Metal Containers."

Accompanying the two to the conference was J. A. Rohrer (2531).

Principal speaker at the conference was Frank Davis, chairman of the AEC Welding Committee, who discussed his impressions of the recent Geneva Conference. Other highlights of the meeting included two tours of a laboratory reactor and radio chemical processing areas at Hanford.



PRESIDENT J. P. Molnar tours the Livermore Laboratory plant on a recent visit. From left, C. W. Campbell (8200); Mr. Molnar; L. E. Hollingsworth (8120); and J. L. Rowe (8220).

Johnston Island to New Mexico Quite Some Change to Amy Kahoiwai Family

To Amy Kahoiwai high and dry New Mexico must seem strange compared to Hawaii with its lush tropical growth, but her son gives the simple explanation "Mother is enchanted here."

Amy and her family, all Hawaiian, came to New Mexico four years ago and she has worked for the Corporation three years in field inspection and in the technical library.

Husband Sam operates a motel in Moriarty which Amy's parents bought after World War II when they moved to New Mexico for health reasons. Amy commutes the 39 miles to Sandia daily in a car pool with five other persons.

The patio of their home contains a collection of strange sea shells amid the many rocks they have gathered on trips throughout New Mexico.

These shells are mementos of the three years they lived on Johnston Island, 700 miles southwest of the Hawaiian Islands. The tiny aircraft carrier shaped island has a landing strip down one side, taxiing strip on the other and quonset huts down the middle.

The Kahoiwais were the only civilian family there. Sam was in charge of the plant which distilled from salt water the pure water used on the island.

Amy recalls, "Since the island is a coral atoll nothing grows there—at least it didn't until we arrived. We saved coffee grounds, egg shells, sawdust from untreated wood and dust from the runway. In this 'soil' we planted poinsettia, ti plants and a patch of grass. We had to get up at 4 a.m. to water our garden so the commanding officer wouldn't know we were using water."

Although they enjoyed those three years, New Mexico is fine, too. "Here," said Amy, "we can go in every direction and see something different."

Report on Airlift To Be Given AIEE Members Oct. 20

Albuquerque Area Chapter of the American Institute of Industrial Engineers will have as its speaker Oct. 20 L. T. Peyton of the Douglas Aircraft Company's Military Sales Division.

Mr. Peyton will speak on the topic, "Report on Airlift," at the meeting which will be held at 7 p.m. at the Sandia Base Officers Club. A dinner at 6 p.m. will precede the meeting.

Homer McIlroy (2511) reports that Mr. Peyton will discuss the present status of Airlift, its projected needs and the actions considered necessary to satisfy those needs. He will show how an efficiently operated airlift can reduce the number of stockpiled parts. His talk will be illustrated by a comparison of Russian and U.S. turbine transport fleets.

Paul H. Robbins NSPE Official To Speak Here

Paul H. Robbins, executive director of the National Society of Professional Engineers, will address a special meeting of the Albuquerque Chapter of NSPE Oct. 27 at Hugh A. Carlisle Post 13, American Legion. A social hour at 6:30 will precede the dinner at 7 p.m.



P. H. Robbins

Mr. Robbins, who holds degrees from Syracuse University and the Massachusetts Institute of Technology, is a former consulting engineer for the City of New York. He will discuss the role of the professional engineer in the fields of education, industry and international relations. In addition he will cover the work of the President's Committee on Scientists and Engineers and the subject of "Unionism vs. Professionalism" among engineers.

All engineers are invited to hear the talk. Tickets may be obtained from Joseph Black (1282). Walter Scott (1282) is in charge of invitations.

In addition to his field engineering experience Mr. Robbins has been active in engineering training, having taught at New York University and the University of Maine and served as a full time consultant on engineering training in the executive office of the Mayor of New York City.

Mr. Robbins is a member of Tau Beta Pi, Sigma Tau, Phi Kappa Phi, Delta Sigma Rho, the American Society for Engineering Education, Society of American Military Engineers and the American Society for Photogrammetry.

ASTE Meeting Oct. 22

John R. Gibson, production manager for the Reliance Machine Company, will discuss "Manufacturing Tooling Plate for Production Jigs and Fixtures" at the Oct. 22 meeting of the Albuquerque Chapter 93 of the American Society of Tool Engineers.

A dinner at 7 p.m., followed by the meeting will be held at the Robin Hood Inn, 9120 Fourth St. NW.

Paper Published

An article by George Steck (5125), entitled, "A Table for Computing Trivariate Normal Probabilities," appears in the September issue of the *Annals of Mathematical Statistics*.

New Social Security Increases Mean Tax Rise for Sandia and Employees

Increased Social Security benefits, and increased tax contributions, are provided in a bill signed recently by President Eisenhower. The increases will become effective with the benefits for the month of January, 1959, or will start with the month thereafter in which the individual meets the eligibility requirements of the law.

Here are some highlights of the new law. The bill increases, effective for the year 1959, the maximum amount of annual earnings taxable and creditable toward benefits from \$4,200 to \$4,800.

According to the House Ways and Means Committee, this increase was made appropriate by the general rise in earnings levels over the past few years. Wages in excess of the \$4,800 limit are not affected.

To pay for the liberalizations included in the bill, Social Security tax rates are increased by 1/4 of 1 per cent for employees and employers, with deductions beginning in January, 1959. Future increases in rates will take place at 3-year rather than the present 5-year intervals.

Thus, the 1959 rates for employer and employee will be 2 1/2 per cent of the taxable wages up to \$4,800, the 1960-62 rate will be 3 per cent, the 1963-65 rate will be 3 1/2 per cent, the 1966-68 rate will be 4 per cent, and the rate for 1969 and later will be 4 1/2 per cent. (For employees earning \$4,800 or more a year, employees and the Company will each pay a tax of \$120 in 1959—compared to \$95.50 in 1958—and \$144 each in 1960.)

For retired workers receiving old-age benefits, monthly payments will range from \$33 to \$116, compared to the present \$30 to \$108.50. Taking into account the

increased earnings base of \$4,800, retired workers coming on the rolls in the future will eventually be able to receive a monthly benefit as high as \$127.

The same situation applies to the maximum monthly benefit payable to a family, which is increased from \$200 to \$254.

For taxable years beginning after August, 1958, a retired employee receiving Social Security benefits will not lose a benefit year for any month in which he earns wages of \$100 or less (\$80 or less under the prior law).

Briefly, then, the benefits are increased for all beneficiaries—those on the Social Security benefit rolls in December, 1958, and those who become eligible after December, 1958—by about 7 per cent, with a minimum increase of \$3 in the amount payable to the retired worker. Slightly smaller increases will be received by women who began to receive benefits before age 65.

The bill also provides for the retroactive payment of disability insurance benefits and for various other administrative changes.

Los Alamos Scientists To Address SNTD Group

Two Los Alamos scientists will address the Oct. 21 meeting of the Society for Non-destructive Testing at the Los Alamos Health Research Laboratory. Meeting time is 8 p.m.

Paul D. Edwards will discuss "Electrode Potential Testing," and Dana E. Elliott's topic will be "Comparison of Van de Graaff and Resonant Transformer Equipment." Both speakers are with the GMX-1 organization at Los Alamos.



CROWDS continued to pack the Sandia Corporation exhibit during the New Mexico State Fair. As many as 1000 people passed through the building in an hour's time during a peak day at the fair.

'Atomic-Age Physics' Course Offered on TV

New Mexico's educational television station, KNME-TV, Channel 5, has joined with television stations across the nation in offering a televised course in "atomic-age physics." The series, which began this week, can be seen on channel 5 Monday through Thursday each week from 9:15 to 9:45 p.m.

Teaching the course will be Dr. Harvey E. White, professor and vice chairman of the department of Physics at the University of California in Berkeley. Other in-

ternationally known scientists will participate from time to time.

The first half of the course will be devoted to an understanding of atomic and nuclear physics, kinematics, light, dynamics, electricity and magnetism.

The telecast has been made available to KNME-TV through the local NBC affiliate, KOB-TV. Co-sponsors with NBC of the series are the American Association of Colleges for Teacher Education, The Fund for the Advancement of Education and the Ford Foundation.

A.T. & T.'s Long Lines Department, Western Electric Company and the Bell Operating Companies are all providing financial assistance for the national series. Among those who helped plan the course are Dr. Mervin J. Kelly, president of the Bell Telephone Laboratories, and Allan N. Holden, member of the technical staff of BTL's research department.

Sandia watching the series are asked to send their comments to KNME-TV, Channel 5, University of New Mexico, or to the Extension Division, UNM.

Here Are the Hard Working

1958 Sandia Employees Contribution Plan Solicitors

- | | | | | |
|---|--|--|---|---|
| <p>1200
Captain: V. E. Blake</p> <p>1210
V. G. Black, Squad Leader
L. A. Fjelsath, R. W. Sargent, D. D. Baker, C. S. Sonnier, R. R. Neel.</p> <p>1220
J. R. Hanna, Squad Leader
L. S. Johnson, H. H. Coe, E. Kadlec, G. R. Norris.</p> <p>1240
J. P. Ford, Squad Leader
R. W. Hunke, G. W. Treadwell, R. E. McKay, C. J. Mauck, G. L. Morter.</p> <p>1260
L. E. Whelchel, Squad Leader
Alice R. Robinson, W. D. Olson, L. G. Biggs, C. G. Hughes, T. J. Flanagan.</p> <p>1280
L. W. Newhouse, Squad Leader
J. E. Ligocki, E. S. Wennerstrom, H. E. Kinney, O. E. Pigg, F. R. Sweet.</p> <p>1400 and 1500
Captain: R. P. Stromberg</p> <p>1450
L. M. Melick, Squad Leader
C. S. Williams, C. R. Clyde, R. L. O'Nan, W. C. Riggan, R. H. Opperman, P. A. Gelt.</p> <p>1460
J. W. Grear, Jr., Squad Leader
A. E. Engquist, T. W. Moody, D. M. Bush, D. Holis, G. A. Greene, G. J. Janser.</p> <p>1470
M. G. Oberst, Squad Leader
W. H. Fulcher, T. J. Stetz, J. T. Boag, H. T. Rhodes, C. T. Gebert, A. V. Robnett.</p> <p>1540
R. J. McConkie, Squad Leader
W. Koone, E. C. Fuentes, R. N. Schowers, N. T. Radman, E. F. Richardson, C. W. Hicks.</p> <p>1520 and 1590
D. Essad, Squad Leader
J. A. Arnold, W. O. Johnson, A. S. Dasher, A. M. Breipohl, G. T. Murren, L. L. Hofer.</p> <p>1600
Captain: J. C. Russell</p> <p>1610
Squad Leaders: Newton Anderson, Hugh Bowers
C. T. Schafer, C. M. Grassham, M. L. Heisler, Dave Judd, M. W. Sigmon, Charles W. Remaley, Harold L. Myers, Amada U. Chavez, Lawrence F. Dyer, Curtis Warthen, Walter T. Taylor.</p> <p>1620
Squad Leaders: John Benson, Clyde Millard
S. A. Ravenbyrne, A. Troom, D. B. Furlow.</p> <p>1650
F. E. Anderson, Squad Leader
Oran D. May, W. D. Huff, D. C. Wunsch, G. R. Fahrbach.</p> <p>2100
Captains: W. F. Peay and A. E. Hall</p> <p>2110
Squad Leaders: B. L. Sanders, C. H. Whitmer
Mrs. M. L. Thompson, Charles E. Horner, Harry W. Lindquist, Mrs. O'Donna S. Gunn, Lorenza Garcia, Flavio Gonzales, David L. Chavez.</p> <p>2120
Squad Leaders: J. B. Langdon, B. C. Brown
H. I. Jewett, E. W. Upchurch, B. R. Higgins, Peter Ferkeitch, A. E. Becker, C. B. Torres, R. A. Stewart, J. B. Jordan, C. W. Kochmann, G. W. Day, J. E. Taylor, J. C. Southall.</p> <p>2130
Squad Leaders: J. E. Sul, R. G. Fleming
John Anaya, W. S. McElvaney, Robert Velasquez, Henrietta Checchio, A. L. Johnson, Jr., Merritt Hummer, Bennie Montoya, Camille Rudeau, R. L. Offill, Jr., Gilbert Taber, Jesse Harness.</p> | <p>2150
Squad Leaders: W. B. Minser, T. C. Siegrist, Edgar Miller
Zachary Ortiz, Victor Gabaldon, Rupert Shattuck, Kenneth Butler, Edward Grossman, Albert Miller, Donald Bunton, Paul Chavez, Peter Rosopolo, Paul Hamilton, Edward Grymkoski, Daniel Davis, J. B. Joiola, Ralph Griffin, Ernest Carey, Henri Guerin, Gilberto Sandoval.</p> <p>2200
Captains: R. C. Clifton and E. L. Jolly</p> <p>2210
P. D. Bishop, Squad Leader
John Archuleta, Richard Lujan, Byron Stewart, Helen Anderson, Frank Gurule.</p> <p>2220
Donna Hoffman, Squad Leader
Julian Perea, Ramon Garcia, Ernest Gurule.</p> <p>2225
J. B. Hamlet, Squad Leader
A. Carroll, Jr., Sally Calder, Sue Sturgil, Earl Prooks.</p> <p>2231
Al Purrington, Squad Leader
Fred Callahan, Louis Armijo, David Gonzales, Frank Leybs.</p> <p>2232
Squad Leaders: M. Sanchez, G. Aousleman, C. Puthoff
F. Batchelor, M. McLaughlin, B. Martinez, W. Montoya, J. Chavira, T. Chavez.</p> <p>2234-2236
E. P. Monahan, Squad Leader
A. J. Fisher, J. M. Lopez, J. H. Franklin, Patsy M. Hethcoat, Harold Kindschi, Frank Vest.</p> <p>2242
C. D. O'Connor, Squad Leader
W. E. Putnam, M. C. Griego, N. L. Smith, W. E. Hall, James Leonard, Perfecto Garcia, G. M. Haycock, A. O. Trujillo, Rudy Lucero.</p> <p>2243
R. W. Durand, Squad Leader
E. R. Martinez, R. O. Pena, C. L. Lopez, Adan Trujillo, J. M. Seiler.</p> <p>2400
Captains: L. R. Wilson, J. H. Hockett, D. C. Hake and F. X. Vogel</p> <p>2410
L. R. Petersen, Squad Leader</p> <p>2411
Roy Lovin, Squad Leader</p> <p>2412
A. J. Williams, Squad Leader</p> <p>2413
Squad Leaders: Charles Weidman and Harold Crissey</p> <p>2414
B. D. McConnell, Squad Leader</p> <p>2415
Squad Leaders: W. W. Olheiser and Paul Kind</p> <p>2441
R. E. Holt, Squad Leader
V. E. Kerr, J. F. Reid.</p> <p>2442
Maxcene Koetter, Squad Leader</p> <p>2460
Squad Leaders: Ruth Farley, Evelyn Gillespie, Gladys Borne, Beatrice Schowers
Nellie Sanchez, Mary Lindberg, F. G. Sanchez, Loyd Tackitt, Marshall Davis, Georgia Howard, Doris Welch, Marcella Noble, Kay Beard, Marjorie Benson, Tommy Lane, A. V. McFarland, Dorothy Kirk, Norma Erne, Dave Tafaya, Annabelle Huddleston, Beatrice Haines, Marian Knapp, Donna Vilkmann, Margaret Armijo.</p> <p>2472
Frank Bachicha, Squad Leader
R. M. Smith, J. B. Sanchez, John Ayala, Marcus Martinez, James Davis, Philip Vouterin.</p> | <p>2473-2475
Squad Leaders: Jack LaBrier, Warren Arthur
F. Gabaldon, E. Landavozo, Joe Trujillo, A. T. Garcia, V. Garcia, O. B. Trujillo, E. Montano, B. Baezwald, R. Montoya, L. Denison, Paul Silva.</p> <p>2474
Squad Leaders: Rogelio Gonzales, Charles Byrne
Kenneth Blush, Fernando Gurule, Ciriaco Herrera, Eringo Jaramillo, Frank Martinez, Herman Kirby, Donald Metheny, Frank Suazo, Charles Smithey, Willie Montano.</p> <p>2500
Captain: Elmer M. Irving</p> <p>2510
E. P. Cave, Squad Leader
M. A. McCutchan, Sharon Gardner, Bob Cranfill.</p> <p>2520
Fayne Shead, Squad Leader
M. D. Mikkelson, V. C. Garratt, D. C. Davidson, J. W. Richardson.</p> <p>2530
R. K. Fries, Squad Leader
Harold Maciolek, Howard Bluestein, Jim Taggart.</p> <p>2540
Jim Beaudet, Squad Leader
G. S. Kimball, J. E. Stang, D. J. Breehl.</p> <p>2550
L. H. Stradford, Squad Leader
William Chapin, John Geohegan, Richard Porter, Tommy Donham, Edward Mould.</p> <p>2700
Captain: A. L. Thornton</p> <p>2711
Squad Leaders: H. V. Riley, J. A. Mauldin
LaVerne Lathrop, Bill Leuders, Roy Rogers, Alex MacDougall, Kay Wilson, Reuben Villanueva, Louis Roybal, Don Whitfield.</p> <p>2713-2723
J. H. LaFleur, Squad Leader
Everett Gieseker, Jerry Whiteman.</p> <p>2721
J. W. Pinkerton, Squad Leader
Victor Gabaldon, Joe Sanchez, Dorothy Reinerton.</p> <p>2722
W. L. Paxton, Squad Leader
Leonard Nelson, Jack Redburn, Leonard Thompson, Stella Rappleyea, Edith Irwin.</p> <p>2731
J. V. Westaway, Squad Leader
Patsy V. Lane, Ray Summer, Reuben Minter, D. D. Sheldon.</p> <p>3100
Captain: J. W. Galbreath</p> <p>3120
Squad Leaders: T. E. Reyman, Mary Williams
O. J. Foster, T. E. Zudick, Mary Campbell, Charlotte Freedman.</p> <p>3150
Squad Leaders: V. G. Pappas, R. N. Reed
Mollie Miller, M. J. Sektan, S. Herman, G. B. Ross, Elinor Coberly, Ruth Bontrager.</p> <p>3160
F. H. Hannah, Squad Leader
R. W. Drake, Bernice Beeson, Helen Culley, H. E. Frankel.</p> <p>3200
Captain: R. P. Campbell</p> <p>3211
Vern Christy, Squad Leader
Dale Cone.</p> <p>3241
G. Moser, Squad Leader
Gertrude Mora.</p> <p>3243
Howard Henry, Squad Leader
Dorothy Dempsey, Rita Smith.</p> | <p>4100
Captain: D. E. Irvin
4110-4160
C. B. Inberg, Squad Leader
B. B. Asher, M. J. Connors, S. N. Gaeto, R. L. Whitlow.</p> <p>4120
F. L. Cason, Squad Leader
W. E. Hahn.</p> <p>4131
F. W. Corner, Squad Leader
Ruth D. Kresge.</p> <p>4132
D. W. Davis, Squad Leader
Dorothy J. Saiz, Peggy J. Gilliam, Mary Lee Shelton, Lois H. Payne.</p> <p>4135
M. R. Hunt, Squad Leader
Mara Muilenberg, June T. Santiago, Francis E. Najor, Ruth Fogarty.</p> <p>4140
R. Lynes, Squad Leader
D. Davis.</p> <p>4150
H. Nicholson, Squad Leader
D. P. Montgomery, E. G. Borberly, W. H. Jackson, H. L. Tallman, N. O. VanOrsdol, R. W. Thorp.</p> <p>4300
Captain: J. R. Spence
4310-4320
J. K. Wichelns, Squad Leader
Eleanor Scotten, E. A. Gorey, F. G. Higgins, W. L. Hammond, A. J. Derby, F. A. Bentz.</p> <p>4330
R. G. Bowers, Squad Leader
R. G. Bowers, Oleta M. Morris.</p> <p>4340
C. J. Uribarri, Squad Leader
J. R. Goodloe, W. F. Huebner, W. A. Warren, P. M. Alarid, W. T. Smith.</p> <p>4360
T. H. Martin, Squad Leader
H. J. Brown, M. Curtis, Helen Wolfe, Winifred Dewitt, C. D. Blackwell.</p> <p>5100
Captain: D. C. Williams</p> <p>5110
B. F. Murphy, Squad Leader
R. L. Schellenbaum, D. G. Palmer, W. R. Perret, C. R. Mehl, L. B. Smith.</p> <p>5120
Max Weber, Squad Leader
Mabel Hendricks, Zelma Beisinger, Clair Abraham, Marlene Dunaway.</p> <p>5130-5140-5150
W. J. Halpin, Squad Leader
E. B. Anderson, W. D. Ingram, J. P. Gallagher, K. L. Shipley, L. Balint, B. A. Wickesberger.</p> <p>5200
Captain: W. T. Smith</p> <p>5210
E. W. Fisher, Squad Leader
K. D. Stout, F. D. Jones, J. S. Tamer, B. R. Anderson.</p> <p>5220
R. D. House, Squad Leader
H. M. Dumas, J. A. Lester, R. H. Gablehouse, D. W. Savage.</p> <p>5230
H. R. Luns, Squad Leader</p> <p>5240
R. W. Bradshaw, Squad Leader
D. E. Power, Willette Lane, Fae M. Parker, Gus Simmons.</p> <p>5250
A. J. Canute, Squad Leader
E. E. Wood, G. Q. Wilson, R. C. Bass, I. W. Marshall, C. J. Nissen.</p> <p>5500
Captain: C. L. Gobel</p> | <p>5510
L. G. Wilson, Squad Leader
J. C. O'Neal, E. Duffy, W. E. Miller, A. Van de Velde, L. Candelaria, C. G. Sain.</p> <p>5520
J. A. Teresi, Squad Leader
R. R. Harnar, R. P. Lambert, C. F. Lundbom, F. J. Feery, R. E. White, H. W. Lewis.</p> <p>5530
G. S. Bryant, Squad Leader
F. J. Gallagher, D. R. Salazar, R. A. Poe.</p> <p>6000-7100
Captain: G. J. Hurley
6000
E. W. Swanson, Squad Leader
Marilyn J. Tillar.</p> <p>7100
L. B. DeSaulniers, Squad Leader
Richard C. Holman, Mark A. Elich, Charles McKeever, Mildred Hinds, Doris Young, Robert L. Armstrong, Sal Matting, Edward S. Phinney.</p> <p>7200
Captains: C. E. Katzenberger, C. B. O'Keefe, D. R. Weldon</p> <p>7210
M. French Stewart, Squad Leader</p> <p>7221
Jean Naughton, Squad Leader
Mary Dean, Amy Kahoivai, Varoqua Yoakum.</p> <p>7223
Bill Puder, Squad Leader
Margaret Mancuso, Devlin Wilder.</p> <p>7225
Squad Leaders: Bettye Abernethy, Marge Postel, Cecelia Pacheco, Dorothy Cohen, Lila Wakefield, Edith Miller, Georgia Howard, Patsy Bonnell
Barbara Hammond, Faye Rose, Evelyn Chenot, Aileen Moran, Winifred Russell, Jane Holman, Gloria Vetter, Lorna Peterson, Helen Greer, Mary Lou Carter, Janet Lovell, Iola Johnson, Maxine Buchanan, Joyce Salencia, Rose Cazier, Bath Pleus, Marie Conrad, Pita Valencia, Alice Altum, Shirley Dean, Lydia Villanueva, Faye Dobbs, Carmen Drebing, Ruth Wood, Dorothy Braasch, Mary Placek, Virginia Glass, Johnnie Johnson, Ann Barrett, Marie Blythe, Amy Gonzales, Judy McCracken.</p> <p>7226
Patricia Leutkehans, Squad Leader
Alice Simon, Charlotte Morter, Cecilia Gonzales, Jeannette Passmore, Norma Goodwin.</p> <p>7232
W. G. Padilla, Squad Leader
Ned T. Barnes, P. E. Pettigrew, J. F. Branson, Eloy C. Pena.</p> <p>7233
Edsel L. Gunn, Squad Leader
D. J. Loehle, F. C. Comiskey, H. L. LaFond, Luis Martinez.</p> <p>7241
Charles K. Reed, Squad Leader
Phyllis Finlayson, Joelyn Vandock, James O. Avis, James Deakin, Ben Jaramillo.</p> <p>7242
Robert Foster, Squad Leader
John Stamm, Andrew Johnson, Larry Hall, Al Amato, Steve Trujillo.</p> <p>7300-7400
7300-7411
Captain: P. A. Nicovich
7329-7411
Squad Leaders: J. Puhara, D. B. Kennedy
Roy Hasselbroek, B. O. Shaw, R. J. Niebel, B. C. Slack, L. G. Spohr, G. F. Hastings, G. R. Hines, B. O. Sirauch, J. J. Winckel, C. T. Radigan, R. T. McRae.</p> <p>7412
Squad Leaders: K. V. Atkinson, W. V. McGuire
L. P. Baudoin, B. R. Lambert, B. F. Lane, W. W. Hunt, V. D. Mellillo, C. A. Tucker, T. R. Blaz, W. R. DesRoches, K. H. Lloyd, J. E. Marquis, W. G. Parkhurst, J. M. Stott.</p> <p>7420
J. M. Fisher, Squad Leader
D. L. Hughes, E. R. Servis, M. Armijo, F. Henderson, A. Preist, R. H. Austin.</p> |
|---|--|--|---|---|

LEO GUTIERREZ to manager of Preliminary Design Department 8140, Livermore. Leo joined Sandia in 1947 as an engineer working in Environmental Testing. Subsequently he worked on new weapon components

and later in aerodynamics. In 1952 Leo was promoted to supervisor of an electrical design division. He transferred later to head a project division and in 1956 he came to Livermore as a test division supervisor. He since has headed a project division and was preliminary design division supervisor at the time of his promotion.

Leo came to Sandia from the University of New Mexico after receiving his Master's degree in Electrical Engineering. Previously he served over three years in the Navy, while in the V-12 program. Before entering the Navy Leo attended New Mexico A & M for two years. His BS in EE was from UNM in 1944.

JAMES A. BEAUDET to supervisor of Switching Device Section 2544-2, Barometer and Switching Device Division.

"Jim" has worked as a test equipment design engineer and with thermal batteries in the Power Supply Section during his six years at Sandia.

Before then he worked for Rogers Engineering Co. in San Francisco which was a sub-contractor to the California Research and Development Co. This company, a prime contractor for the AEC, worked on the design of the Livermore Project for UCRL.

Jim, a registered professional engineer in New Mexico, graduated from the University of California with a BS degree in Electrical Engineering.

He served three years with the Marines, most of the time in the South Pacific.

8200 Wins Lob Ball Championship Over 8100

Two Livermore superintendencies battled it out in a lob ball game recently with 8200, the Staff Services Superintendency, triumphing 15 to 10 over 8100, Systems Development.

The teams tied 1-1 in the first inning. A wild second inning left them tied 7-7 and they stayed that way through the third inning. Then in the fourth, Staff Services racked up 5 runs and stayed out in front by that many points the rest of the game.

RAYMOND L. BRIN to manager of Engineering Support Department 8110, Livermore. Ray joined Sandia in 1948. He was promoted to section supervisor in 1950 and to division supervisor in 1952. In February, 1956, Ray transferred to Livermore to head a project division.

He came to Sandia from Ohio State University where he received his BS degree in Mechanical Engineering. Previously Ray spent three years in the Army, two of these years with the Manhattan Engineering District at Los Alamos. He earned the Army Commendation Award for his work with the district.

After leaving the Army, Ray worked as a staff member with the Los Alamos Scientific Laboratory before entering the University.

A. V. LUHRS to supervisor of Manufacturing Engineering Activities, Planning and Control Section 2525-1, Manufacturing Engineering Administration and Control Division.

"Van" has been at Sandia seven years spending the entire time in manufacturing engineering in handling equipment work.

Previously he was an industrial engineer for Kaiser Steel in Fontana, Calif., and before that was an engineering draftsman for Hoffman Radio and TV Co. in Los Angeles.

Van received his BS degree in Mechanical Engineering from Purdue University in 1951.

He served three and one half years as an Army combat engineer, part of the time overseas.

Golf League Playoff Of Champions Set For University Course

Sandia Corporation Golf League has scheduled its grand championship playoff Oct. 19 at the University of New Mexico golf course.

Vying for the title will be league winners from the Weekend League Team 7, Evening "A" Flight Team 7, and Evening "B" Flight Team 8.

Members of the Weekend League Team 7 are George Horne Sr., captain (4153), Homer Pierce (7211), and Dan Freshman (7214). Team 7 are George Horne Sr., is composed of Howard Lindell, captain (5533) and Dick Clark (5512). "B" Flight members are Dennis Chavez, captain (7242), Maurice Chavez (4135) and Charlie Chavez (7242).

PAUL M. WALLACK to supervisor of Statistical Quality Control Training and Consulting Section 2514-4, Organization Engineering Division.

Paul has been at Sandia a little over two years, spending six months in manufacturing engineering and the rest of the time in Department 2510, industrial engineering.

Prior to coming to Sandia he was assistant superintendent of a petroleum terminal in Wilmington, N. C., where he had worked for five years for Pure Oil Company.

Paul received a BS in Petroleum Engineering from the University of Tulsa in 1950 and an MS in Industrial Engineering at Oklahoma State University in 1956.

He served two years in the Army as an instructor in construction drawing, and also spent two years in the Navy.

Paul belongs to the American Society of Quality Control, American Institute of Industrial Engineers and Phi Kappa Phi, scholastic honor society.

ROBERT L. AULT to supervisor of Section 1612-3, Structural Test Division.

A Corporation employee for five years, "Bob" has been in structural test work the entire time.

Before coming to Sandia, he worked for Timken Roller Bearing Co. in Canton, Ohio, in the industrial sales engineering department.

Bob was graduated from Purdue University in 1944 with a BS degree in Mechanical Engineering.

He was in the Navy from 1944 to 1946 and from 1950 to 1952, part of the time in the Pacific and the North Atlantic.

Bob is a registered professional engineer in New Mexico and Ohio.

Hockey Team Has Two Games During Month

The Sandia Mountain Ice Hockey League's Sandia Bombers will take on the Albuquerque Falcons and the Kirtland Flyers in two games scheduled for the remainder of this month at the Ice Arena.

First game scheduled is with the Albuquerque Falcons Oct. 18. The Bombers will meet the Flyers Oct. 25. Game time for each is 8:30 p.m.

In Recognition of Sandia Service

15 Year



Charles E. Runyan
2120
Oct. 28, 1943

10 Year



Jim C. French
2211
Aug. 25, 1948



Travis A. Allen
2231
Oct. 6, 1948



Jarvis G. Bumgarner
7111
Oct. 18, 1948



Paul J. Cruz
4153
Oct. 18, 1948



Emilio R. Lopez
2711
Oct. 18, 1948



Aneda A. Pitti
7225
Oct. 18, 1948



F. N. Spaulding
2232
Oct. 18, 1948



Walter J. Haskell
5143
Oct. 19, 1948



Davies P. Anderson
5222
Oct. 20, 1948



Manuel Sanchez
2414
Oct. 20, 1948



Glenn E. Anderson
2153
Oct. 25, 1948



Harold R. Kutzley
1652
Oct. 25, 1948



Kenneth R. Fortman
5222
Oct. 26, 1948



Craig Summers
2222
Oct. 26, 1948



Horace M. Roberson
2413
Oct. 27, 1948



Charmaine P. Bortniak
7211
Oct. 28, 1948



Edward S. Ames
5231
Oct. 29, 1948

Five Year Pins

Oct. 19-28

J. M. DeMontmolin 1262, Kermit G. Schuette 2112, V. M. Smeltzer 7226, John L. Kane 1613, Merry C. Campbell 7121, John M. Bristol 5532, Agnes M. Strauss 7225, Irene Edith Leyba 3243, James H. Stoever 1612, George T. Kross 2731, Doreen L. Westfall 4335.

Two Year Certificates

Oct. 18-24

Helen M. Brummell 7225, Helen L. Boice 2162, E. Gil Cordova 7232, Kelley T. Fosmo 2223, Joan I. Resemius 8212, Georgia L. Hahn 7225, Pauline Lamberson 3152, Beverly J. Fjelsted 7226, Irene R. McGrew 7423, David E. Sanchez, Jr. 3242, Lorraine R. George 8211, Donald W. Shadel 7411, Arthur R. Hopper 8213, Marvin W. Causey 1282, Bernard A. Goncher 3123, Edgar L. Miller 2152, John W. Melvin 5241, Donald J. Ouellette

7411, Mark B. Gens 2552, James S. Reed 2121, Eulita C. North 2231.

Oct. 25-31

Kaira I. Laws 7225, Marie W. Blythe 7225, Ernesto Griego 2474, John C. Hamilton 1413, J. Wayne Ellis 5243, Dorothy Crosby 4344, Phyllis K. Munn 8221, Jerry W. Cummings 7412.

Charles E. Wimmer 7411, Jimmie Lee West 7411, Thomas M. Bolz 7411, Jack D. Burt 7411, Mac D. Weaver 7411, Paul L. Spencer 7411, Samuel D. Samuelson 7411, Frank R. Blair 7411, Leroy L. Keck, Jr. 7411, James N. Volkman 7411, Robert M. Thimm 2151, Frank R. Martinez 2474, William D. Feldman 4135, Beatrice V. Haines 2461, Milo M. Conrad 2551.

Willard Koone 1541, Maurice E. Richards 2521, Charles T. Radigan 7411, Jack F. Hammerstran 2554, Burdett K. Stearns 1282, Harvey M. Miller 5524, N. A. Mozley III 2513, Robert A. Velasquez 2133.

SHOPPING CENTER

CLASSIFIED ADVERTISING

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

RULES

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

FOR SALE

- '56 CHEVROLET, Del Ray w/radio and heater, power brakes, power glide, rear radio speaker, special hubcaps, low mileage. McClelland, AM 8-8167 after 5.
- HOLLYWOOD HEADBOARDS, twin size, tan plastic-padded complete w/legs, sell together, \$12 for pair; children's playhouse, white w/red trim. Holstrom, DI 4-5216.
- HAY, ALFALFA, 75 cents a bale or take stack (400-450 bales), 60 cents bale; also piano, \$135. Barrett, CH 3-3616 after 6.
- OLD FASHIONED gas operated steam radiator w/thermostat control attachment, vented, \$15 delivered. Tatum, CH 2-9021.
- '58 MOTORCYCLE, Harley-Davidson, blue-white, crash bars, \$390. Padilla, CH 2-4984.
- 8mm CAMERA, Keystone Pathfinder, Mod. K. 29, f/2.8 lens. Padilla, AL 5-6381.

RIFLE, 22-250 Varminter, Mauser action, Douglas premium barrel, Timney trigger, Redfield mount, 1" rings, dies, 100 cases NRA-VG-E, \$120. Cole, Ext. 43149.

CAMP TRAILER, tear-drop, two burner gas stove, ice box, 10 gal. water tank w/3/4 bed, see to appreciate. MacKenzie, AX 9-3055.

BUTANE BOTTLE, 5 gal., \$10. Lathrop, Ext. 2-6242, 1715 Valdora SW.

'57 RAMBLER six, 4-door sedan, two-tone green & white, 18,000 miles, new nylon tires, seat covers, heater. Reasonable. Kilmartin, AX 9-1242.

ICE SKATES, girl's size 5B, Canadian Flyers, \$7. Holmon, DI 4-3160.

WINCHESTER, Model 70—270 cal. rifle, K-2.5 Weaver Scope, sling, \$125. Zownir, AL 6-3717, 414 Monroe NE.

FIREPLACE WOOD, Ponderosa Pine, truck load (approx. 1 cord) for \$25; 1/4 load for \$7, split for good burning. Souder, AX 9-7069.

BABY BED, w/mattress, \$12; extra large playpen, \$6.50; ladies shoe skates, size 6, \$7.50. Henderson, AL 5-6721.

ELECTRIC RANGE, Frigidaire, 30" oven, \$65; maple dining-room set, table, 4 chairs, hutch, \$125. Other miscellaneous. Roy, AL 6-2773, after 5 or weekends.

PIGEONS, Squab raising, silver, white and blue kings, all in good production. MacGibbon, AL 6-4319, 2005 San Mateo NE.

30-06 RIFLE, Model 51, Higgins, includes gun case and ammunition, \$70. George, AL 5-2086.

1/2 HP MOTOR, \$10. Pitti, AL 6-1629, 836 Georgia SE.

'57 CYCLE-TRIUMPH CUB, special equipment and few miles, make offer. Aldrich, AL 5-6637 after 5:30.

HOLLYWOOD-STYLE single bed and headboard, \$25. Campbell, CH 2-7347, 1708 Buena Vista Dr. SE.

NEXT

DEADLINE

FOR SHOPPING CENTER ADS
Friday Noon — Oct. 24

COMBINATION blond oak 21" x 40" desk that extends with 4 leaves to 40" x 81" dining table, half price at \$75. Gregory, AM 8-2022.

AUTOMATIC WASHER, Maytag, recent \$38 overhaul, first \$45 takes, need space. Padilla, AL 6-0701, 600 Dakota SE.

ANTIQUA GUNS, Winchester '73, \$45; Colt DA .45, \$30; Sharps buffalo gun, \$30. Wilson, DI 4-0784.

OAK DESK, large, \$32.50; portable typewriter, \$22.50; B&M hand loading tools for .38 special, reasonable. Lane, AX 9-3962.

DEEP FRYER, General Mills, nearly new, \$10. Boling, AX 9-1346, 1025 Lester NE.

CROSLLEY MOTOR, complete, and transmission, \$40 or best offer. Woolrich, Ext. 49235.

THREE PARAKEETS and nice large cage, first \$10. Chavez, AL 5-5461.

UPRIGHT FREEZER, 15 cu. ft. United, \$180. Flowers, DI 4-1332 after 6.

'57 MOTOR SCOOTER, Cruisair, \$250. Arrington, AL 6-2973.

GIRLS' BIKE, 26", American make, \$15. Luna, AX 9-2488, 2805 Vermont NE.

20" T.V., will trade for 26" boys' bicycle in good condition, also child's desk and chair for sale. Segal, AL 5-7328.

'56 MAYTAG FREEZER, 15 cu. ft., \$225. Brewster, Ext. 47142, 821 Alvarado SE.

3 BRM HOME, Hoffman economy, want equity. Cason, AX 9-7427, 8707 Menaul NE.

CORONET, American Prep. w/case, gold finish, almost new, \$70. McKiernan, AM 8-0516.

BOYS' BIKE, 24", balloon tires, \$20 or trade for 24" girls' bike. Roberts, AL 5-9527, 3321 Hastings NE.

BEDROOM SET, blond, six pieces, \$125; bird cage and stand, \$10. Rex air vacuum, all attachments, \$15. Findlay, Ext. 49193.

ALTO SAXOPHONE w/stand; baby bed and mattress, high chair and playpen. Farness, AX 9-1207 after 3, 9318 Shoshone Rd. NE.

36" GAS STOVE, KENMORE, \$35. Stewart, AL 5-6659.

DRAPES, 3 pair rose, 3 pair white, 48" wide x 54" long. Whelchel, Ext. 26261, 2008 June NE.

'51 WILLYS, station wagon, overdrive, mud tires, good huntin', fishin' car. Kimball, AX 9-5608.

DINETTE SET, table and four chairs, reasonable. O'Trimble, AX 9-0198.

GIRLS' BICYCLE, Monarch, 24", \$25. Martin, AL 5-7763.

PLAYER PIANO rolls, classical, 10 cents per roll. Murray, DI 4-5289.

ELECTRIC GUITAR, light blue Magnatone w/case and Fender amplifier, all for \$70. Pena, CH 2-6060.

REFRIGERATOR, Coldspot, 7 cu. ft., \$45. Martinez, 1606 Camino Del Agua NW.

BABY FURNITURE, crib, bathinet, folding bed, stroller, car seat, high chair, training chair, clothing, rocking horse, portable washing machine. Bright, AL 6-6733.

WANTED

HOMES FOR KITTENS, exceptionally pretty, long haired, delivered. Tatum, CH 2-9021.

TO TRADE 1950 Buick in good condition for Cushman Eagle. Beery, AL 5-8305.

OLD DAGGERS and knives, German, Nazi, Japanese, European, or Asiatic, private collector, will pay cash. Smitha, AX 9-1096.

CHILD CARE in my home, small baby, five days a week, NE heights. Thomas, AL 6-2371.

TO BUY spinning wheel and marble top wash stand. Tiley, Ext. 7-1229.

RURAL MAILBOX, Baxter, DI 4-7601.

LOST AND FOUND

LOST—Prescription horn rim sunglasses in grey metal case; black zipper file case; gold Cromell watch with 4 rubies and 2 diamonds on face, key ring w/Mexican silver coin, Hafus gold watch w/broken crystal, sport coat w/glasses in pocket left in rm. 6, Bldg. 880. LOST AND FOUND, Ext. 26149.

FOUND—Gold button earring, black sleeveless jacket. LOST AND FOUND, Ext. 26149.

LIVERMORE FOR SALE

STENOTYPE MACHINE, used, \$15. Wells, HI 7-3446.

STEVENS SHOTGUN, 16 gauge, bolt action, never fired, plus case and shells, \$22; 30-06 rifle and shells, \$50. DeCeasar.

'49 CHEVROLET, deluxe, 4 door, R&H, Daugs, HI 7-7069, 335 Holladay Ct.

(The Inquiring Reporter Asks—)

How Do You Feel About the 'Once And For All' Drive?

"The wonderful part about the plan is that it gives each individual a chance to contribute to the welfare of his less fortunate fellow man. It guarantees that each dollar contributed goes 100 per cent for the purpose intended. Whether we admit it or not we are our brother's keeper."



LEW WALRATH (3232)

"The year 'round payroll deduction plan is the best feature. People should get into the habit of giving on a continuing basis, just as they contribute to their own future security through systematic saving."



MILLIE WIEGERS (7225)

"I never felt right about giving only to the Community Chest. Now that we have these other agencies in the plan, taking care of the dread diseases and other health services, I feel that we are really doing our part."



ED PETERSON (2154)

"As one who gets tagged pretty often on drives of one kind or another, I'm delighted with the plan. It reduces to a minimum the time and effort required for the annual enrollment."



JIM LEONARD (1247)

"The same plan should be adopted by other companies. It's the only way to give. We do everything else on the installment plan, even church contributions, taxes and retirement."



TOM MELOCHE (4361)

"This will be my second year of contributing to the plan by payroll deduction. I think it's a good idea. It's a pleasure to help people in need and it's easy to do it through the Employees Contribution Plan."



ALFREDO FERNANDEZ (2473)

Flag Football Play Underway; 2500 Team Leads League Teams

Leading contender in the Sandia Corporation Flag Football League (as of Oct. 10) was the Org. 2500 team which, in two outings, scored six touchdowns while holding its opposition scoreless.

On the opening night of league play the 5500 and 5100 teams fought to a scoreless tie to give an indication of thrilling games to come.

Nine teams are participating in the league and finish their fourth week of play Saturday. Games are played Thursday evenings and Saturday mornings on the outfield of the Sandia Baseball Diamond.

Schedule of games for the next two weeks is:

Saturday, Oct. 18
 8:30 5500 vs. 2100
 9:45 5100 vs. 1600
 11:00 1400 vs. 5200
 Thursday, Oct. 23
 6:45 2500 vs. 2400
 8:15 1600 vs. 5500
 Saturday, Oct. 25
 8:30 2100 vs. 2700
 9:45 5200 vs. 5100
 11:00 2100 vs. 1400
 Thursday, Oct. 30
 6:45 5500 vs. 2400
 8:15 5200 vs. 1600

Employees Lose Case Seeking Reversal on Income Tax Ruling

Hopes were dashed this week for reversal of an income tax on moving expenses reimbursed to new hires when the U.S. Supreme Court denied a petition for "writ of certiorari."

The suit was filed by Sherrill O. Woodall (7412) and Glenn S. Mills (1541) as a test case representative of some 700 other Sandia employees. The action sought a reversal of a Bureau of Internal Revenue ruling which holds employees liable for federal income tax on reimbursement of moving and travel expenses incurred in connection with reporting for work here after being hired elsewhere.

The rejected petition in effect asked the high court to review records of the case in the two lower courts. In June 1957 Judge Carl A. Hatch in U.S. District Court in Albuquerque ruled that since Mr. Mills and Mr. Woodall realized no gain from the reimbursement, it should not be treated as taxable income.

The U.S. Circuit Court of Appeals in Denver last May reversed the earlier ruling by a unanimous decision.

It is estimated that nearly \$100,000 in taxes is involved for some 900 persons, 700 of them still employed at Sandia. The income tax liabilities, plus interest, apply on reimbursements received as far back as 1953.

Speaking of Reporters

Jim Tichenor Serves Lab News, Also Is Sports Fan Apprentice 'Oozlefinch'

This is another article telling of the volunteer reporters who contribute to the Sandia Lab News.

In addition to active participation in the Corporation sports program, Jim Tichenor finds time to report on activities of his co-workers in Applied Research Division (5133), where he is a lab assistant.

"Tish" has been a reporter only a short time but he has worked at Sandia two years. Many of his stories have been about sports events since he plays touch football, softball and basketball and has participated in three of the Sandia all-star games.

While at Highland high he played basketball and continued in that sport through one year at the University of New Mexico.

His varied interests also include cartooning and hot rodding. Tish is the former president of the local Road Runners hot rod club and now serves as vice president. The group encourages road safety and assistance to other drivers.

Tish and a friend are building a modified roadster with a Chrysler engine and Model T body which they hope to race next year in the national championships—provided it is finished by then.



HELPING LAUNCH the 1958 Employee Contribution Plan Drive is Wanda Conklin (7225). Funds collected will go to 32 different health, welfare and recreation groups.

Brazilian Traffic and Contrasts Highpoints of Paxtons' Vacation

Livermore's Earle Paxton (8223-2) and his wife, Barbaralee, spent their vacation this summer at the house of a missionary friend in Belem, Brazil, and returned with a desire to see more of Brazil and South America.

The Paxtons read in a Brazilian travel folder that Belem is some-

times called "the Green Hell." Earle reports, "After our first glimpse of the city we were inclined to agree with whoever coined the phrase. There were great clouds of steam rising out of the city, which was surrounded by masses of green vegetation."

Our purpose in going to Belem," Earle said, "was to visit a friend who is working in the mission field for the Christian Church. We do promotional work for him here, so we felt that a trip to the field would help us tremendously."

Belem was a city of contrasts with beautiful, well-built homes surrounded by mud houses with roofs made from a long fiber grass.

The driver of a Cadillac blasts his horn to warn the man driving a horse or burro-drawn cart. If a driver is approaching an intersection and finds the signal is against him, he toots his horn to tell the policeman to turn the signal in his favor. The policeman obliges.

Another strange traffic rule is if a pedestrian is struck by a car and the horn was not blown, the pedestrian can sue the driver. If the horn was honked, the pedestrian is out of luck.

Since there are not enough radios to go around, those lucky enough to own one will connect it to a loud speaker so the entire neighborhood can hear. All adding to the constant din.

Earle summarized, "The trip left us with a deeper appreciation for our own country and for the many conveniences we take so much for granted."



Jim Tichenor

He is also an "apprentice oozlefinch," the honor was bestowed in connection with his attending National Guard summer camp at Fort Bliss, Tex. The award entitles him to "fly tail foremost in duststorms in the Fabulous Southwest."