



# SANDIA LAB NEWS

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

VOL. 10, NO. 8

ALBUQUERQUE, NEW MEXICO

APRIL 18, 1958

## Sandia Employees Take Part In Share in America Week

May 5-10 has been designated "Share in America Week" at Sandia Corporation. Every employee will be given an opportunity to sign up for payroll deduction purchases of U. S. Savings Bonds.

The campaign is being conducted in cooperation with the Albuquerque committee headed by W. C. Wolf. A member of the committee is J. W. McRae, Sandia Corporation president.

In charge of the Corporation's committee and handling arrangements for the company-wide canvass of employees is L. M. "Jerry" Jercinovic (7210). Assisting him are: T. B. Sherwin (3125), John Leslie (4111), Helen Wolff (4362) representing the Office and Clerical employees, Marion Scott (2232) representing the Metal Trades Council employees, and Webb Shafer (2742) representing the Guards Union.

To Familiarize Employees Plans are being made for the distribution of literature and posters during the next two weeks to familiarize employees with the advantages of payroll deduction as a systematic means of buying U. S. Savings Bonds.

During the week of the actual canvass cards will be delivered in bulk to division supervisors. They will be responsible for seeing that every one of their people is contacted personally and offered an opportunity to sign up. In the City of Albuquerque an effort is being made to add 5,000 new purchasers to the current rolls of Bond Buyers. While no goal has been set at Sandia Corporation it is expected that the number of new sign-ups for payroll purchase of Bonds may exceed 1,000.

No High Pressure "This is not going to be a high pressure campaign," said Jerry, "but we do want to make certain everyone has a chance to make a thoughtful decision on the basis of information we will provide."

John Leslie has been given the job of coordinating publicity for the Corporation's campaign and is arranging for a number of colorful posters to be displayed throughout the area. In addition he will obtain and distribute leaflets and other material for all employees.

Almost everyone has in the back of his mind the idea that "one of these days I'll start saving regularly by buying Bonds" but something has to happen to move him into action. The Committee feels that the campaign they have mapped out will provide that opportunity and that the stirring publicity will provide the motivation.

### Popular Reason

The most popular reason for regular Bond purchases is to set aside savings with guaranteed earnings for a college education for the youngsters, or to plan for some other substantial expense that must be met in the future such as a trip abroad.

Many Sandians have young children who will be entering college within the next 10 or 15 years. Starting now to buy Bonds regularly will provide that much needed cash when required.

Employees now covered under the present Hospital-Surgical Benefit Plan may switch over to the new plan if they wish. Employees not now covered by the present plan may also join. The enrollment period will continue through June 2.

### Additional Health Care Plan information on Page 3.

to provide additional protection against the high cost of medical care when non-occupational illness or accident strikes.

Employees now covered under the present Hospital-Surgical Benefit Plan may switch over to the new plan if they wish. Employees not now covered by the present plan may also join. The enrollment period will continue through June 2.

## Summer Work Hours To Begin April 28

Sandia employees are reminded to set their alarm clocks one-half hour earlier Monday, April 28. On that day the Corporation goes into its summer work schedule.

Starting time will be 7:30 a.m. and quitting time will be 4:30 p.m. for all regular shift employees. The usual lunch period (12 noon to 1 p.m.) remains in effect.

## Sandia Employees Will Contribute \$6840 to Cancer Society Campaign

April has been named Cancer Control Month by Congress and during this period the Bernalillo County Chapter of the American Cancer Society is emphasizing public education.

Through the Sandia Corporation Employees Contribution Fund Drive, which was held last fall, the Cancer Society will have received \$6,840 from Sandia employees by the end of the year. Under the drive plans the Society receives 7.6 per cent of the total raised.



"YOUR CHANCE TO CORRAL a good thing" seems like a fine idea to Alice Altum (1247) especially when it means earning interest on your money through investment in U. S. Savings Bonds, the world's safest investment. Available by payroll deduction.

### Notice

Details on tax exemptions for job-related schooling will be in the next issue of the Sandia Lab News. The article will be of importance to employees who have been studying at colleges and universities either under the Educational Aids Program or independently.

## 'Voices Overseas' Made Possible By Tape Recordings

Recording facilities have been set up overseas to enable Sandia Corporation test personnel to tape record personal messages to their families here.

The Military Air Transport Service (MATS) carries the messages to and from the Pacific.

The program is part of the "Voices Away From Home" service being administered in Albuquerque by the Public Relations Division (3125).

For the convenience of families who have relatives overseas, recording facilities have been set up in Bldg. 829 (across from the south end of the Parade Grounds). Families wishing to record messages or play back messages received may do so each Friday, or on other days by appointment.

Appointments can be made by calling Mrs. Arleen Mick at Ext. 21253. In case of illness, lack of transportation, or when families are otherwise unable to leave home, special arrangements can be made for recording messages at the family's residence.

Overseas recording arrangements are being made by the Material and Field Services Division (7232).

## Washington Officials Visit AEC Facilities At Livermore, Calif.

A member of the Congressional Joint Committee on Atomic Energy and the new Chief of Army Research and Development were among visitors last week at the AEC facilities at Livermore.

Rep. Craig Hosmer of Long Beach, Calif., visited the area, accompanied by AEC officials and members of the committee staff. Lt. Gen. Arthur C. Trudeau, Army R&D Chief, also visited Livermore on an inspection tour of research centers.

The congressman and his party were briefed on the Livermore weapons program by Drs. John S. Foster, Harold Brown, and Kenneth Street of UCRL, Manager Harold A. Fidler of the AEC's San Francisco Operations Office, and R. E. Poole, Sandia Corporation's Vice President at Livermore.

General Trudeau was briefed on the Livermore weapons program by Dr. Foster of UCRL and Mr. Poole.



NEW SECURITY AREA in the south wing of the basement of Bldg. 802 illustrates the "new look" in access control put into effect at Sandia. Here Bess Roach (2462) issues visitor's badge to John Lewis (1471). Such controls are being set up in several Sandia areas.

## Access Procedures Tightened In Sandia's Technical Areas

In a general move to tighten security in Sandia Corporation's main technical area, several buildings have been designated exclusion areas and will require access badges.

In addition to the area number designation on present badges, they will also be marked with letters A, B, C or D, or a combination of any two of the last three letters.

A letter "B" on a badge will entitle the employee to access to Organization 1200's mock-up rooms in Buildings 809 and 835. A "C" on the badge will permit access to Bldg. 840 and the letter "D" will allow entrance to the high assembly bay area of Bldg. 892.

Letter "A" signifies that the employee can gain admission to any areas covered by letters "B," "C," and "D."

Stations will be set up in these buildings to check employee's badges. Procedures for gaining temporary or permanent access to these areas are outlined in SCI 2730, issued last week.

Other sensitive areas in the technical areas will be administratively controlled by additional badges issued by a receptionist in the area. These procedures are currently in effect in such areas as the document request counter and the print shop and photo lab in Bldg. 802. Eventually, 18 buildings in the technical area will be administratively controlled.

The new system will go into effect as soon as badge coding has been completed, it was announced by E. K. "Gene" Baker, supervisor of the Security Division (2743), whose organization has established the access system.

"When the system goes into effect, access will be controlled on a 'need to know' basis," Gene explained.

"This principle was our basis for the establishment of access control to exclusion areas," Gene pointed out. By controlling an area it eliminates or diminishes the possibility of any one person obtaining complete knowledge of classified information in several fields.

"We must not forget," Gene said, "that each individual employee has always been responsible for determining that classified information in his possession is released only to those requiring it in the performance of their duties. This includes challenging a stranger to determine his business in a classified area and concealing classified documents when a stranger is in the vicinity."

Employees trusted with sensitive information are reminded not to discuss it on the telephone or in the presence of persons "who do not need to know," Gene emphasized. He pointed out also that a "Q" clearance is not blanket approval for access to all classified information, and employees should not request access to an area unless it is required by their jobs.



The Sandia Lab News is an official publication of the Sandia Corporation, Albuquerque, N. M. Office: Room 10, Bldg. 829, Public Relations Division Staff: Cherry Lou Burns, Richard A. Dickson, assistant editors; Robert S. Gillespie, editor. William A. Jenkins, assistant editor, Livermore Branch

Telephones Sandia Base 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.

### 'Share in America Week'

Buying Savings Bonds enables us to contribute directly to America's economic strength while building a sound financial future for ourselves and our families. No investment could be safer, no patriotic expression more practical.

Savings Bonds are shares in America. The more widespread their ownership, the more dollars invested in Bonds, the sounder ALL dollars become. The more Americans who buy Bonds, the better the future becomes for all Americans. Our community has an important stake in the United States Savings Bonds program. One of every four of our citizens owns Savings Bonds — an average of \$1,000 worth apiece. How do you stand?

We welcome the SHARE IN AMERICA Savings Bonds Campaign which begins here at Sandia May 5. Never has our country needed savings more than now — for fiscal stability, for the financing of our tremendous productive growth, and our defense program.

And, with our personal income at record highs, never has it been more important for most of us to save, or so tempting to spend money faster than it comes in. Saving takes practice — and it takes community leadership and encouragement.

America can be strong only as our community is strong. The reserves our people own in Savings Bonds are one of our most vital assets. Let's make them grow and at the same time support the SHARE IN AMERICA Campaign by joining the Payroll Savings plan for Bonds.

How about you? Won't you help America by helping yourself. You'll be repaid in far greater return than the generous interest you'll receive on your savings.

### Engagement

The engagement of Florence J. Valdez (2132-1) and Alfonso Sanchez of Pueblo, Colo., has been announced. The wedding has been set for June 7 at the Holy Family Parish in Pueblo. Florence has been at Sandia two years.

### Sympathy

To Irma N. Buffett (5111) for the death of her mother on Mar. 31 in Denison, Iowa.  
 To Fred Vishaway (2472-1) for the death of his infant son in Albuquerque on Apr. 1.  
 To Richard Poe (5533) for the death of his mother on Apr. 3 in New Jersey.  
 To Marion Scott (2232) for the death of his brother on April 13 in an auto accident in Texas.



Mrs. Sara Ortega

### Take a Memo, Please

So far this year, two Sandia Corporation women employees have received disabling injuries due directly to wearing high-heeled shoes.

Cervantes' Don Quixote said, "A word to the wise is enough." Plautus said, "A word to the wise is sufficient."

What do you say, girls?

### Congratulations

**Born to:**  
 Mr. and Mrs. A. B. Thomas (7412-4) a daughter, Tami Jo, on Mar. 28.  
 Mr. and Mrs. Dan Lanza (1245-1) a daughter, Lynn Marie, on Mar. 31.  
 Mr. and Mrs. William J. Rogers, Jr. (5232) a son, Carl Brian, on Mar. 31.  
 Mr. and Mrs. S. Leo Gonzales (2161-2) a son, Michael, on Apr. 5.  
 Mr. and Mrs. Robert L. Corey (2221-2) a daughter, Tamarh Leona, on Apr. 1.  
 Mr. and Mrs. Frank Hudson (5151) a son, James, on Apr. 5.  
 Mr. and Mrs. Jim Robinson (7411) a son, James Bret, on Mar. 30.  
 Mr. and Mrs. James A. Slusser (2722) a daughter, Sandra Jean, on Apr. 5.  
 Mr. and Mrs. E. D. Cooke (2131-2) a daughter, Rebecca Ann, on Mar. 29.  
 Mr. and Mrs. John C. Cunningham (1542) a son, John David, on Mar. 27.  
 Mr. and Mrs. Ken Shipley (5141-1) a son, Curtis Erik, on Mar. 12.  
 Mr. and Mrs. Norman Hawk (5141-2) a son, Matthew Dean, on Apr. 10.  
 Mr. and Mrs. M. G. Oberst (1463-1) a daughter, Linda Ann, on Apr. 10.

### Anniversaries

Celebrating their 24th wedding anniversary on Apr. 3 were Mr. and Mrs. John G. Peterson, Jr. (2722).  
 Apr. 12 was a big day for Helen and Ralph Ridenour (7424). They observed their 36th wedding anniversary.  
 Ten years of marriage were marked on Apr. 10 by Mr. and Mrs. C. P. Stanton (4152-1).  
 Mr. and Mrs. George Chaffee (2711) celebrated their 16th wedding anniversary on Apr. 5.

### On National Committee

Earle George (7122-1) has been chosen to serve on the standards and ethics committee of the Society of Technical Writers and Editors.  
 Earle is the first member of the local chapter to be named this year to a national committee.

### Military Returnees

Back at Sandia after military service are Donald R. Lewis and Neal A. Robinson.

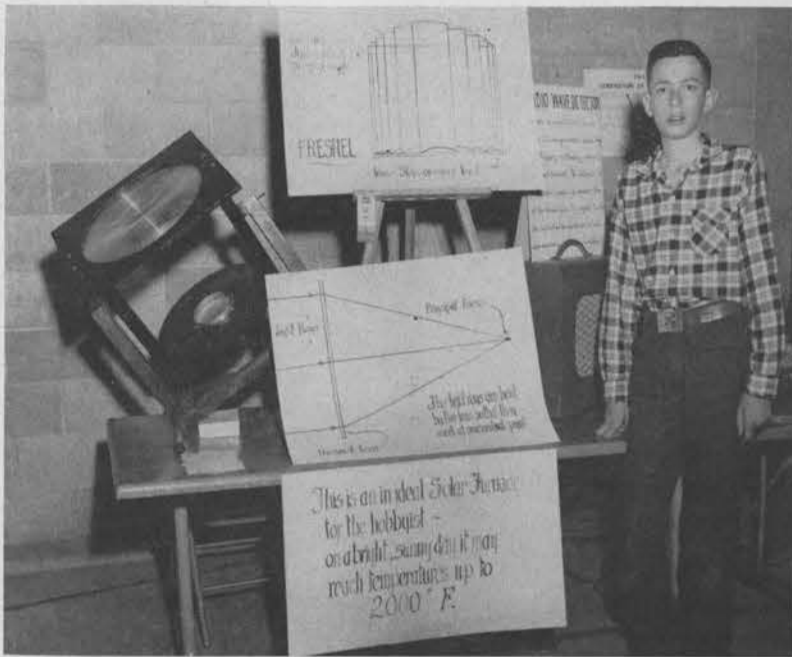
"Don" is now in field services division; previously he was in



D. R. Lewis N. A. Robinson

design work in 1444. During two years at Wright-Patterson AFB he worked on both the "Navajo" and "Sidewinder" projects.

Neal is an engineer in 1246. He served six months in the Army, attending a basic officers course at Fort Knox, Ky.



YOUNG SCIENTIST Bernard H. Bueffel III, son of B. H. Bueffel, Jr. (1411-1), exhibited his solar furnace at the New Mexico Science Fair at Socorro last week. He is from Wilson Junior High.

### Moving Time

Lorene Ward (8212-3) and her family are looking forward to moving into their new home at 555 Kennedy St., Livermore, about the first of May.  
 Another new home owner at Livermore is Bill Ryan (8211), who has moved his family into a house at 1141 Madison Ave.  
 Getting settled in their new home at 9630 Elvin NE are Bill Kingsley, supervisor of the Industrial Hygiene Division (3161), and his family. They moved in Mar. 28.  
 R. E. Hampy (1452-1) and family are moving into a new home located at 1825 Betts NE around May 1.  
 Others recently relocated are Carmel (7226) and Juan (7231) Griego. Their new residence is at 9113 Fairbanks Road NE.  
 Lee Browne (3152-1) recently moved into her new home at 800 Adams Place SE.

### Alum Frolic

Big Ten Alumni plan their Sixth Annual Frolic for May 9 at the Knights of Columbus Hall. The event will begin with cocktails at 6:30 p.m., dinner at 8 and dancing until midnight. Reservations should be made by May 5. Tickets can be purchased through Leo R. Kelsch, 1037 Alvarado SE.

### Former Employee Dies

Word has been received by co-workers of the death of Laurene Claude, a former Sandia employee who worked as a mechanical inspector. He terminated about a year ago.

### Good Deed

Four Sandians were among members of Beta Sigma Phi who took 78 baskets of food on Easter to the Chapman, Roby-Shaw, and Lloyd Nursing Homes.  
 Kitty Weston (5126), Ann Pearce (5110), Val Hruska (5130), and Rosemarie Etherton (5242) are all members of Beta Chi chapter of the national social group that took on the worthy project.

## Downpours in Livermore Leave Things Soggy But Measure Below '55 Record

The unusually long and heavy rains in northern California, that sent rivers and streams out of their banks and caused millions of dollars of property damage, left the Livermore Branch plant unharmed.

There was no flooding in the Livermore area and none of the Sandia staff residing in Livermore reported any rain damage. Of those employees living outside Livermore, there was only one who reported any damage.

The flood damage report among Sandians came from Mrs. Eddie Berry (8213), who lives in Walnut Creek, about 35 miles northwest of Livermore. On April 2, over an inch of rain fell and the creek near her home overflowed. Water backed up in the sewage line to ruin wall-to-wall

carpeting. Outside, the flood water broke down sections of their fence and spread silt over the lawn.

Livermore newspapers said that over 20 inches of rain had been recorded since the end of the dry summer season. This is below the 24 inches of rain that fell in the community in the disastrous 1955 flood year.

In San Francisco 5.52 inches of rain were dumped on the city in the first week of April, making it already the wettest April since 1884, when there were 6.33 inches in the whole month. There were 12 consecutive days of downpour up to April 7, the longest such period this late in the season in the 109 years that weather records have been kept there.

### Successful Candidates

Recent municipal elections found George Abouselman, Jr., and R. A. Bice successful candidates.

Mr. Abouselman was elected mayor of Bernalillo. He was employed at Sandia as a storage technician from 1948-50 and returned in December 1951 as a packer in Packaging Division (2232).

Mr. Bice was reelected to a four-year-term as a member of Albuquerque's City Commission. He has been Sandia's Director of Field Testing since 1954 and was previously with the Los Alamos Scientific Laboratory.

### Get Well Wishes

A speedy recovery is wished to John Hobart from organization 2722.

Members of 2223 wish a speedy recovery to Walter Burns and "Happy" Apodaca.

Pat MacNamarra (7225 assigned to 5240) broke her leg skiing at Santa Fe Basin recently. Her co-workers wish her a speedy recovery.

Leigh Hendricks (5125-1) is convalescing at home following major surgery.

Recuperating from recent surgery is Felix Miles (2234).

### Welcome Party

The girls in 5125-1 held a luncheon last week for four newcomers to the section. The noon-time event welcomed Marlene Dunway, Laurene Duquque, Jean Bergquist, and Geraldine Adams to the Data Analysis Section. Giving the luncheon were Lucille Baier, Marjorie Endres, Ann McIntyre and Frances Robertson.

### Inter-office Archery

A group of amateur archers in 7411-5 have banded together in an inter-office archery league. In a tournament last week held at the Albuquerque City Archery Range, the team of Q. F. Simon and Wayne Cyrus outshot Jim Clemens, Ben Baldwin, Ernie Sanchez and Jim Volkman to win a gold cup trophy. A return match is planned for later on in April.



DIGITAL DATA PLOTTER is explained to a group of UNM mathematics and engineering students by Billy Gregg (5242), left. The students attended lectures and demonstrations of computer operations presented and explained by Henry Schutzberger (5242).

# Health Care Plan To Become Effective Thursday, May 1

Enrollment in the new Sandia Health Care Plan is underway and will continue up to May 1 when the Plan becomes effective.

To make the Plan better understood by Sandia employees some typical questions are answered here. If you have more questions concerning the Plan your supervisor will help you find the answers.

**Q.** If the employee is out sick or if his dependent is hospitalized at the time the Health Care Plan becomes effective, must the employee or his dependent be fully recovered from the disability?

**A.** If the employee and his dependent are covered under the present Hospital Surgical Plan, and he has enrolled in the new plan the employee and his dependent will receive benefits under the Health Care Plan on the effective date even though out sick or hospitalized.

If the employee or his dependent is not covered under the Hospital Surgical Plan, then the benefits under the Health Care Plan will not become effective until the employee returns to actual employment. The dependent will become insured when the employee returns to work and when the dependent is released from the hospital.

**Q.** Is there a waiting period before benefits will be received for complications resulting from maternity?

**A.** There is no waiting period. Complications are considered as "non-maternity" and benefits will be paid as for any other disability.

**Q.** Must the employee be confined to a hospital to receive 80 per cent of surgical expense benefits?

**A.** Surgery will be reimbursed at 80 per cent regardless of where it is performed.

**Q.** Under "deductible amounts" what do you mean that benefits received under any other group plan will be deducted before the employee can receive benefits under this plan?

**A.** If you are employed at Sandia and your spouse is employed elsewhere, and you both participate in a plan whereby premiums are withheld from your pay, the benefits received under both plans will not exceed the amount you would receive under the Health Care Plan.

If you have a hospital plan whereby you remit premiums directly to the insurance company, such as informal Blue Cross groups, this plan is not considered a group plan and any benefits received will be in addition to those received under the Health Care Plan.

**Q.** What is "local ambulance service"?

**A.** This intended to restrict the use of ambulance service to rule out the use of air or ground service to a specialist center. For instance, if you or your dependent should be injured while picnicing in the Pecos or Jemez mountains, an ambulance dispatched from Albuquerque or Santa Fe would be considered "local ambulance service."

**Q.** If I as an employee have a wife and two children, must I accumulate \$400 before I can qualify for benefits under Section 10 "Medical Expense Benefits"?

**A.** Benefits are determined for each member of the family. If you as an employee incur \$150 of Medical Expenses (other than Hospital, Surgical or Maternity) in a calendar year and the other members of your family have no

## Health Care Plan—

# Avoid Financial Loss

Shown here are three examples of how Sandia's new Health Care Plan could save you money. Used as examples are expenses incurred from major illness, serious surgery and an accident.

These cases, which are typical of actual cases, show protection under the new Health Care Plan as compared to the present Hospital-Surgical Plan.

	Present Coverage			New Coverage	
	Actual Charges	Insurance Pays	Patient Pays	Insurance Pays	Patient Pays
<b>Pneumonia</b>					
Hosp. Rm & Bd					
18 days at \$16	\$ 288.00	\$ 144.00	\$ 144.00	\$ 230.40	\$ 57.60
Other Hosp. Charges	261.95	210.21	51.74	209.56	52.39
Dr's. Visits to Hosp.	150.00	54.00	96.00	120.00	30.00
Private Nursing Chgs.	162.00	—	162.00	49.60	*112.40
<b>Total</b>	<b>\$ 861.95</b>	<b>\$ 408.21</b>	<b>\$ 453.74</b>	<b>\$ 609.56</b>	<b>\$ 252.39</b>
<b>Out of Hospital Expense:</b>					
Doctor Visits	\$ 60.00	—	\$ 60.00	\$ 48.00	\$ 12.00
Medication	50.00	—	50.00	40.00	10.00
<b>Total</b>	<b>\$110.00</b>	<b>—</b>	<b>\$110.00</b>	<b>\$ 88.00</b>	<b>\$ 22.00</b>
<b>Grand Total</b>	<b>\$971.95</b>	<b>\$408.21</b>	<b>\$563.74</b>	<b>\$697.56</b>	<b>\$274.39</b>

	Present Coverage			New Coverage	
	Actual Charges	Insurance Pays	Patient Pays	Insurance Pays	Patient Pays
<b>Gastric Resection (Ulcer Surgery)</b>					
Hosp. Rm & Bd					
21 days at \$16	\$ 336.00	\$ 168.00	\$ 168.00	\$ 268.80	\$ 67.20
Other Charges	660.50	509.13	151.37	528.40	132.10
Surgery Charges	375.00	250.00	125.00	300.00	75.00
Private Nursing Charges	171.00	—	171.00	56.80	*114.20
<b>Total</b>	<b>\$1542.50</b>	<b>\$ 927.13</b>	<b>\$ 615.37</b>	<b>\$1154.00</b>	<b>\$ 388.50</b>
<b>Out of Hospital Expense</b>					
Doctor Visits	\$ 125.00	—	\$ 125.00	\$ 100.00	\$ 25.00
Medication	75.00	—	75.00	60.00	15.00
<b>Total</b>	<b>200.00</b>	<b>—</b>	<b>200.00</b>	<b>160.00</b>	<b>40.00</b>
<b>Grand Total</b>	<b>\$1742.50</b>	<b>\$ 927.13</b>	<b>\$ 815.37</b>	<b>\$1314.00</b>	<b>\$ 428.50</b>

\*Note: \$100.00 deductible satisfied for calendar year. All other prescribed medical care out of hospital would be covered at 80% for the rest of that calendar year.

	Present Coverage			New Coverage	
	Actual Charges	Insurance Pays	Patient Pays	Insurance Pays	Patient Pays
<b>Accident—Multiple Fracture and Head Injury</b>					
Hosp. Rm & Bd					
59 days at \$17	\$1059.00	\$ 504.00	\$ 555.00	\$ 847.20	\$ 211.80
4 days at \$14	1319.76	1003.55	316.21	1055.80	263.96
Other Hosp. Charges	26.78	26.78	—	21.42	5.36
Ambulance	2147.95	482.50	1665.45	1718.36	429.59
Surgeon's Fee	\$1250.00	—	\$1250.00	\$ 920.00	\$ 330.00
Private Nurse					
<b>Total</b>	<b>\$5803.49</b>	<b>\$2013.89</b>	<b>\$3789.60</b>	<b>\$4562.78</b>	<b>\$1240.71</b>
<b>Out of Hospital Expense:</b>					
X-Rays	\$ 70.00	—	\$ 70.00	\$ 56.00	\$ 14.00
Doctors Visits—					
9 @ \$6 ea.	54.00	—	54.00	43.20	10.80
Medication	20.00	—	20.00	16.00	4.00
<b>Total out of hospital</b>	<b>144.00</b>	<b>—</b>	<b>144.00</b>	<b>115.20</b>	<b>28.80</b>
<b>Total Expenses</b>	<b>\$5947.49</b>	<b>\$2013.89</b>	<b>\$3933.60</b>	<b>\$4677.98</b>	<b>\$1269.51</b>

For California employees there is an additional deduction because of coverage provided under the California Unemployment Insurance Code.

expenses, you will be reimbursed for 80 per cent of the \$50.

**Q.** Would you explain the carry-over provision for the last three months of the calendar year?

**A.** Assume you incurred expenses in the following months:

Aug.	\$15
Sept.	—
Oct.	35
Nov.	25
Dec.	15

You have incurred \$90 in the calendar year of which \$75 was incurred in the last three months. Therefore, on Jan. 1 you have \$75 which can be applied toward your \$100 deductible for the new calendar year.

**Q.** Is dental work covered?

**A.** Payment will be made for dental work required because of accidental injury to sound natural teeth.

Normal dental work is not covered. Medical surgery to the mouth, which is sometimes performed by a DDS and which requires hospital confinement of 18 hours or more, will be considered for reimbursement under the Health Care Plan as it is

under the Hospital-Surgical Plan.

**Q.** Is psychiatric care covered?

**A.** Psychiatric care is covered at 80 per cent for all "in patient" care. Payment will also be made for 80 per cent of all "out patient" care after payment of the first \$100.

## How You Pay

Health Care Plan	Weekly	Monthly
Employee only	\$1.06	\$ 4.24
Employee, 1 dependent	3.31	13.24
Employee, 2 or more dep.	3.60	14.40
<b>Hospital Surgical Plan</b>		
(The present Hospital Surgical Plan will also be paid for by weekly deductions for weekly paid people beginning Apr. 25. Previously one deduction was made each month.)		
Employee only	\$ .54	\$ 2.16
Employee and family	1.94	7.76

Note: Weekly paid employees will have deductions for either Plans made on the first four paydays of each month. Premiums will be paid one week in advance rather than one month in advance. Monthly paid employees will still have their deduction made each month.



TRANSCRIBERS FOR LETTERS dictated over Telecord system in Personnel organizations are (L to R) Carol Kaemper, Phyllis Johnson and Mary Ann Naumer. Ruth Bontrager (standing) monitors one of the transcriptions when difficulty is encountered.

## Network Dictation Speeds 3100 Correspondence Efforts

"A shorthand expert in every office" may sound like an extravagant claim but in the case of the Telecord system it is true.

With installation of the new network dictation system in Employment and Personnel Department, 3150, all a man has to do is lift the receiver of a telephone-like instrument on his desk and dictate. No waiting for a "shared" secretary; no unnecessary loss of a steno's time due to interruptions.

Dictation can be given into 53 instruments. The conversation is recorded on small plastic belts in five centrally located recording machines. Three clerk-typists type the finished product from these.

### Employees Like It

Personnel employees using Telecord find it highly satisfactory. Comments include: "Stenographers are available for other work." "Correspondence gets out faster and every bit as efficiently." "It's now possible to record material while it is fresh in mind."

The idea was originated by Office Equipment Division (4161). A representative of this Division worked with Charlie Puglisi, Personnel Research and Testing Division, and the Dictaphone Corp. on a study of the proposal. Their contracts were with representatives of Plant Engineering Department and Plant Maintenance Department, all of whom helped to make possible the installation and implementation of the system.

The Telecord system cost \$12,000 and Mr. Puglisi points out that this expenditure should be offset



USING TELECORD is Gene Abbott (3151-2), who finds the network system very convenient. Letters are dictated into a telephone-like instrument and recorded on central machines.

in approximately one year through use of the system.

### Select Transcribers

In selecting three girls to serve as transcribers for the department, personnel records including testing scores of all potentially qualified Corporation employees were reviewed. The girls had to type at least 65 words per minute with less than 10 errors. Further tests were devised by the Personnel Research and Testing Division with the help of Dictaphone representatives.

Patricia Farley (3153-1) reports that on an average each girl is capable of handling 800-1000 lines of typewritten material a day. They generally produce finished copy the first time; a letter, memo or report immediately ready for distribution.

### Do Better Jobs

Transcribers find they like the typing offered because of its variety.

Since these girls are doing the work formerly handled by five or six stenographers, it's natural to wonder how the latter feel about Telecord.

According to Charlie Puglisi, the stenographers are happy about the set up even though their shorthand suffers. They now have time to better understand their job, they have a better opportunity for advancement, and they can be of better assistance to their organization.

By-products of the system have been better organized material, improved dictation, and new-found time to do a more efficient job.

## Supervisory Appointments

**LOUIS M. BERRY** to supervisor of Non-Metallics Section 1621-3, which will work in ceramics, lubrication, protective coating, and contact resistance.

"Lou" has worked in materials laboratories during his six years at Sandia.

Immediately prior to employment here he operated a Western Auto store in Nocona, Tex., for four and one-half years.

His previous experience as a chemist includes three years with the Texas Company in Port Arthur, Tex., three years at Los Alamos in methods development, and two years with Gulf Oil in Port Arthur.

Lou received a BS in Chemistry from North Texas State College.

**BYRD C. McKAY** to supervisor of Pattern and Foundry Section 2121-4, Specialties Division A.

"Mac" has been with the Corporation six and a half years, the entire time in the pattern shop.

Before coming to Albuquerque he was in drafting design for five years at Breece Burners in Santa Fe.

During World War II Mac served three and a half years in the Navy, most of the time overseas.

Mac was in the defense training program in the State of Oklahoma before the war and was also an experimental engineer for Spartan Aircraft in Tulsa.

He studied engineering at Oklahoma State University and graduated from Tarleton State College in Texas.

**JOHN PAUL STARK** to supervisor of Programming Section II, 4141-2, Electronic Data Processing Department.

John will have worked for Sandia 10 years next September and has been in programming for digital computers except for one year of that time.

Previously he taught science and mathematics for a short period at Tucumcari high school.

John received his Bachelor's degree in science from the University of New Mexico and has been working there toward his Master's.

He served in the Army with the 17th Airborne Division.

John is a member of the Association for Computing Machinery and Kappa Mu Epsilon, mathematics honorary.

**GEORGE E. FARWELL** to supervisor of Drafting Section B III, 7412-3.

George came to Sandia in 1949 and has been in drafting the entire period.

Previously he was a draftsman for five years with the Submarine Signal Company in Boston and also worked as a draftsman for the Boston and Maine Railroad.

During World War II George served five years in the Navy as an aviation ordnance chief in Task Force 58 and 38.

He attended public schools in Melrose, Mass.

## Two Sandians Appointed To Committee to Study Vocational Education

Joe Calek of Sandia's General Training and Education Division (3124) and C. W. Allen of the Technical Training Division (7113) have been appointed to a committee to study the Albuquerque schools vocational program.

The appointment was made by Charles R. Spain, Superintendent of the Albuquerque Public School System. Serving with the two Sandians are 12 Albuquerque educators from the public school system and the University of New Mexico.

# Unique Glass Vacuum Gauge Made by Sandia Glass Blower

A vacuum gauge, made entirely out of glass, is one of the most unusual jobs ever completed by Sandia glass blower George Cosgrove of the Special Problems Division (1413).

The advantage of a glass gauge over ordinary mechanical gauges is that it can withstand high temperatures needed to prevent contamination in a high vacuum system.

A glass blower for 15 years, George started his unusual profession when he was 16 years old as a "helper" at the Corning Glass Works in New York. Like many other apprentices, George's father was a glass blower at Corning also.

At Corning George turned out as many as 800 graduated glass cylinders a day. He also worked on glass pipelines for transportation of chemicals.

In 1952 George went to work for Westinghouse where he made TV camera tubes and tubes for X-ray machines, and worked on "memory tubes" for computers.

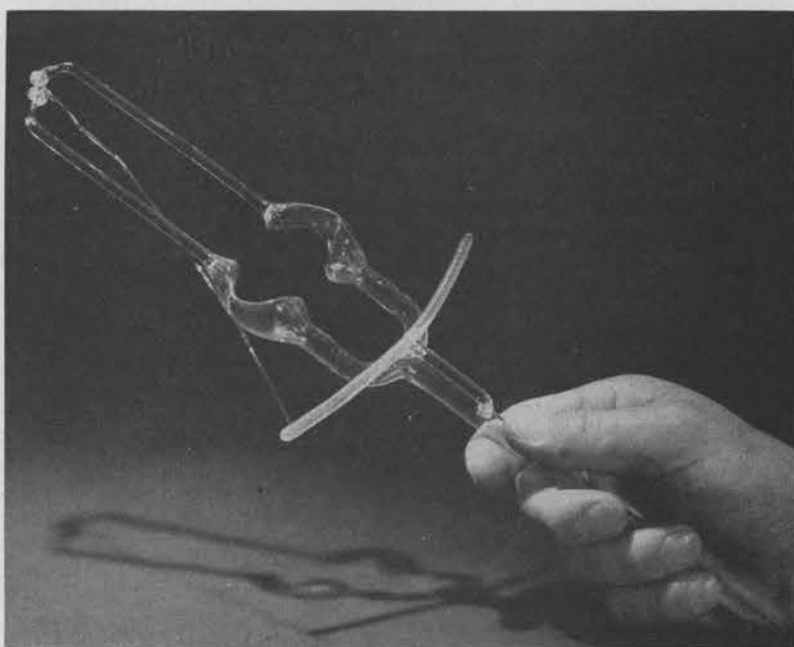
Since he joined Sandia last July George has been making specialized laboratory tubing and special purpose electron tubes for research and development programs.

To provide necessary gas pressure for George's torch, the Southern Union Gas Company had to install a special high pressure line to Bldg. 802. The line runs up the side of the building into the third floor laboratory where George's equipment is located.

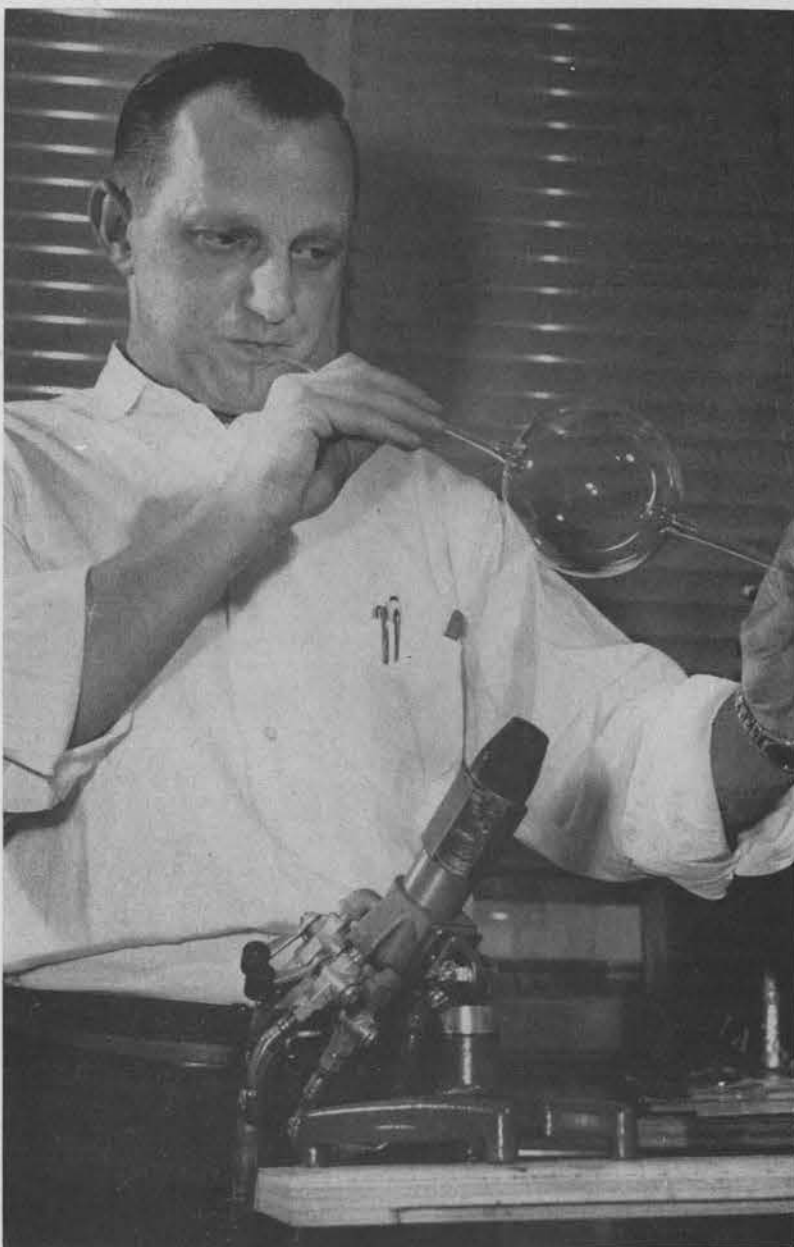
As might be expected, George's hobby is glass blowing. His handiwork at home includes glass ballerinas, rocking chairs, spinning wheels, wine glasses, and even glass legs for an upright piano. Christmas tree decorations pose no problem either for he blows his own.

George's interest in glass blowing has rubbed off on his oldest son Bruce, 10, who wants to be a combination glass blower and electrical engineer when he grows up. The other children, Ronald, 8, and Shari, 5, haven't made up their minds.

Besides glass blowing, George also likes to play musical instruments, and he can whip out tunes on an accordion, guitar and piano, but "no wind instruments."



GLASS VACUUM GAUGE is one of the most unique jobs ever completed by George Cosgrove. A vacuum in the tubes causes the pointer to move across the indicator (curved rod at bottom).



GLASS "BUBBLE" is blown by George Cosgrove (1413) who makes specialized laboratory tubing and special purpose electron tubes for research and development programs at Sandia. He has been a glass blower for 15 years, experience which assures perfection.

## Promotions

- Garnet I. Mastin (2231) to Wireman
- Arlen R. Baldwin (2133) to Coil Maker
- Mack M. Marrs (2133) to Wireman
- Lawrence A. Kent (2133) to Wireman
- Juan F. Zuni (2133) to Wireman
- Gilbert J. Lovato (2133) to Wireman
- James L. Davis (2472) to Stockkeeper
- Ordella M. Folkman (2711) to Inspector
- George G. Shelton (2711) to Inspector
- Louis Baca Flores (2722) to Inspector
- Frederick D. Snyder (2131) to Technician
- James M. Bedeaux (2132) to Layout Operator
- Richard B. Hosley (4152) to Accounting Clerk
- Paul D. Scates (2731) to Investigator
- Ruth C. Flanagan (8212) to Steno. Clerk
- Joan L. Sorensen (8212) to Steno. Clerk
- Joseph G. Patry (7321) to Technical Asst.
- Robert E. Dick (7316) to Technical Asst.
- Joseph C. Pelletier (7326) to Technical Asst.
- Bernard E. Shea (4122) to Staff Member
- Glenn L. Morter (1247) to Staff Associate
- Roy E. Hollenbach (1261) to Staff Associate
- F. B. Arensdorf (2474) to Janitor
- Augustin Pohl (2474) to Janitor
- Patrick W. Palmer (2474) to Janitor
- Rafael Armijo (2474) to Janitor
- Bonnie M. Montano (2473) to Truck Driver
- Albert D. Barton (2722) to Inspector
- Hugh Lynn Smith (2131) to Technician
- Kenneth W. Campbell (2132) to Layout Optr.
- Manuel Rico (2131) to Layout Technician
- Shirley A. Worden (2553) to Typist Clerk
- Sylvia J. Martinez (7225) to Secretarial Steno.
- Doris K. Edwards (7225) to Typist
- S. F. Harvey, Sr. (4152) to Accountant
- Jeroldine L. Clark (8212) to Secretarial Steno.
- Doris R. Davis (8212) to Secretarial Steno.
- Rosalie M. Marquez (2112) to Typist Clerk
- Shirley M. Devine (2221) to Record Clerk
- Horace Lucero (7232) to Utility Optr.
- Herman C. Marquez (2414) to Lampman
- A. J. Lesperance (2473) to Chauffeur
- Jim F. Sanchez (2472) to Stockkeeper
- Julian J. Montoya (2472) to Stockkeeper
- Santiago J. Abeyta (2472) to Stockkeeper
- William H. Thompson (2415) to Laborer
- Layout Man
- Juan D. Griego (7231) to Property Clerk
- M. T. Hodge (2124) to Cleaner
- Joseph T. Plant (2112) to Material Handler
- E. Susan Gonzales (4135) to Key Punch Optr.
- Teresa R. Ramirez (5512) to Record Clerk
- Rose L. Saul (2461) to Tab. Eqpt. Optr.
- Michael R. Silva (2553) to Production Release Clerk
- Odelio J. Otero (2711) to Property Clerk
- Esther I. Stevenson (4131) to Payroll Clerk
- Angela D. Granger (4332) to Steno. Clerk
- D. Jean Bergquist (5125) to Calc. Mach. Optr.
- Vivian M. Goodwin (7241) to Record Clerk
- Mary Ann Perkins (4343) to Steno. Clerk
- Helen P. Anderson (2222) to Production Control Clerk
- Gertrude H. Finley (2731) to Data Reduction Clerk
- Isaac R. Griego (4152) to Accounting Clerk
- Alfred D. Vogt (1245) to Technician
- Laura D. Powers (5513) to Charlist
- Jeanne R. Smith (8122) to Data Reduction Clerk
- Richard C. Gonzales (2112) to Metal Stock Handler
- Jean P. Naughton (7223) to Library Asst.
- Evsy M. Warren (1592) to Data Reduction Clerk

## Service Awards



**John W. Benson** 4332 Apr. 22, 1948  
**John J. Ransom** 2415 Apr. 28, 1948



**Leo A. Dunn** 1284 Apr. 22, 1948  
**Edwin L. Jenkins, Jr.** 5212 Apr. 20, 1948

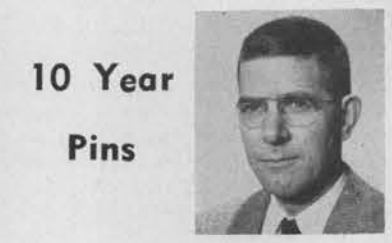
## Five Year Awards

Apr. 18-24  
Betty A. Spieler 7223, Frank T. Owens 7113, Woodrow W. Hunt 7412, Lewis Butler 7232, Charles R. Ortiz 2742, Eugene Thompson 1614, M. Jane Powell 3162, and Allan M. Schonberg 7213.  
Apr. 25-May 1  
Kenneth J. Bennett 7241, John J. Bahlman 7412, William D. Harwood 5523, Constance D. Ramirez 5512, and Frank L. Keane 7421.

## Dinner Speaker

A. Burton Metzger, Corporation Safety Director (3210), was the principal speaker at the annual dinner meeting of the C. H. Leavell Contracting Company held in the Paso del Norte hotel in El Paso, Apr. 12.

## 10 Year Pins



**Charles H. Whitmer** 2112 Apr. 21, 1948



**James J. Reck** 2231 Apr. 19, 1948  
**Lesell E. Lamkin** 7300 Apr. 10, 1948

## Two Year Certificates

Apr. 18-24  
Alice A. Altum 7225, Burton H. Bell 5222, Marie H. Syme 7225, Gilbert R. Tabet 2461, William A. Bredow 1451, James A. Mauldin 2542, James M. Mutter 1611.  
Eugene W. Cook 5243, Thomas H. Peppers 7312, Harry R. Guest 7316, Perfecto W. Romero 4333, John B. Hiller 7113, M. J. Mihoevich 8212, Edward Gonzales 2154, Aime J. L'Heureux 2461, and Robert J. Miko 2483.  
Apr. 25-May 1  
Adan Trujillo 2163, Lillian C. Jackson 5241, Sabrey L. Baca 7225, Thomas Y. Palmer 5243, Marlin C. Frettem 7322, Stella M. Rappleyea 2722, and Carl W. Franz 1471.

## Welcome Newcomers

Mar. 31-Apr. 11		Kansas	
Albuquerque		Charles F. Newman, Topeka	4142
Patricia R. Baggett	3151	Missouri	
Charles R. Byrne	2474	Peter M. Barba, University City	1455
Natalie Cole	7225	Oklahoma	
I. Laurene Dubuque	5125	Kathryn H. Park, Oklahoma City	7225
Lucille Dunlap	4333	Returned from Leave	
Dorothy J. Duren	3153	Angelina F. Gurule	7225
Evelyn M. Golliker	7315	Donald R. Lewis	7132
Wilson P. Hurley	1283	Neal A. Robinson	1246
Lawrence P. Keegan	4135	Mary Beth Hayes	2743
Dorothy B. Miller	2711	Rehired	
Jean A. McCain	2222	Harvey D. Kubiak	2224
Henry C. Neves	3153	Betty L. Baros	7221
Cynthia J. Montano	2474	Eddie Romero	2411
Franklin G. Myers	2723	Francis E. Bell	3123
Alvin T. Plant	2474		
Margie V. Pope	2522		
Arthur P. Renfro, Jr.	2124		
Wendell W. Smith	4112		
Karl D. Svensson	7412		
Elinda P. Turpin	7225		
Zireta L. Votaw	3151		
Janet R. West	4333		
Mary Wormeli	2743		
California			
Joan M. Bayless, Livermore	8212-3		
Edgar J. Gilbert, Oakland	5125		
Priscilla A. Hanson, Los Angeles	2224		
William R. Lincoln, San Diego	2411		
Helen L. Paul, Livermore	8212-1		
Eddie Romero, Azusa	2411		
Patricia D. Vandenberghe, Castro Valley	8221-2		
A. Greenville Whittaker, China Lake	5150		

## B. J. Coveney Dies April 13

B. J. Coveney, a Sandia Corporation security inspector for nearly seven years, died Apr. 13 in an Albuquerque hospital. He had been assigned to Salton Sea Department since July 1954. He is survived by his widow and a step-son, both in Albuquerque.

## 5500 Sinks 2400 For League Title

The 5500 team defeated 2400-I in a thrilling climax to the 1957-1958 basketball season to remain undefeated in 14 games. The score was 55 to 52.

Again it was Ken Flynn, 5500 star, who dominated play. At the end of the game other 5500 players were unanimous in their praise of Flynn.

A fine 2400-I team battled 5500 down to the wire, finishing with a 12 won and 2 lost record.

The sportsmanship trophy was won by the combined 4100-6000-AEC team.

Final league standings are:

Team	Won	Lost
5500	14	0
2400-I	12	2
7400-I	11	3
2500	11	3
5100	10	4
4100	9	5
1200	8	6
2400-II	6	8
7100	5	9
5200	4	10
1400	4	10
1600-II	4	10
1600-I	4	10
2100-I	2	12
2100-II	1	13

## AIEE Pipeline Tour Planned for Tomorrow

The Northern New Mexico Section, American Institute of Electrical Engineers, will tour the El Paso Natural Gas Company pumping station near Belen tomorrow.

The group will meet at Persons Generating Station on South Broadway at 11 a.m. and continue on to Belen. During the tour the group will see a gas turbine pumping natural gas through the pipeline.

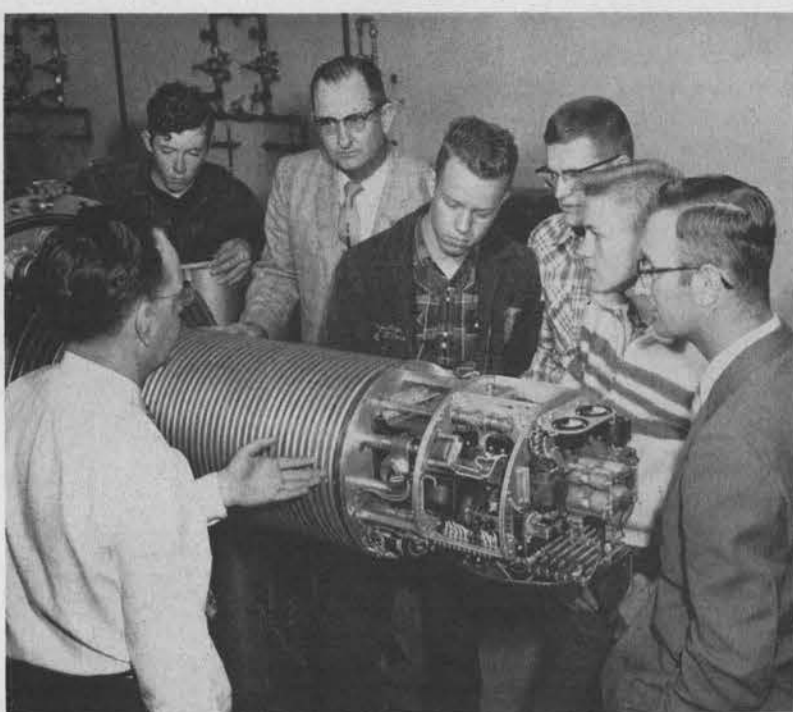
Jack Barber (1611) serves as secretary for the AIEE section.

## N. M. Mountain Club To Visit Jemez Springs

Several mountain trips have been planned by the New Mexico Mountain Club, leading off with a trip to Jemez Canyon on Sunday.

The Jemez trip will originate at the Nob Hill Shopping Center, leaving promptly at 7:30 a.m. The group will follow one of the few trails in the Jemez Mountains which begins at Battleship Rock and winds through a canyon along a wooded stream to Jemez Falls. A 15-minute stop at Soda Dam is planned along the way.

On Apr. 27 the club will climb the Sandias and on May 4 they will practice snow and ice climbing near Lake Peak.



SCIENCE STUDENTS from San Jon, N. Mex., enroute to Socorro and the New Mexico Science Fair toured Sandia Corporation's new Van de Graaff Accelerator building and optical facilities near the East Gate last week. Dr. A. D. Kaantz (5150), foreground, explains some of the operational features of the accelerator.

## Motorscooters to Be Inspected; Drivers Under 18 Trained

All persons under 18 years operating motorscooters on Sandia Base are now required to obtain a base motorscooter operator's permit in addition to the state operator's permit.

To obtain this base permit the operator must satisfactorily complete a special class in operation of motorscooters. A class will be held at 8 a.m. tomorrow by representatives of the Base Provost Marshal at Wherry School.

All motorscooters must have a Sandia Base safety inspection in addition to the state safety inspection. An inspection will be held tomorrow at 10 a.m. at Wherry school yard.

After Apr. 19 inspections may be secured at the Base Transportation Motor Pool on "K" Street.

## Technical Writers to Hear Talk By English Professor

Dr. Morris Freedman of the University of New Mexico's English Department will address the Apr. 29 meeting of the Albuquerque Chapter, Society of Technical Writers and Editors.

The meeting is planned for 8 p.m. at Reddy's Rendezvous at Fifth and Silver.

## IRE Chapter to Meet May 2 at Los Alamos

The Albuquerque-Los Alamos Section of the Institute of Radio Engineers will hear Dr. Ralph H. Miller of Los Alamos discuss "Electronics in Chemical Instrumentation" at its meeting May 2.

Held at Los Alamos, the meeting will open with a social hour at 6:30 p.m. and dinner at 7 p.m. at the Los Alamos Country Club. The technical session will follow at the HRL Auditorium.

Reservations for overnight accommodations at the Lodge may be made by calling Frank Goss (1463) at Ext. 2-8165 or Allen Church (1411) at Ext. 3-2167.

## Theatre Party On NMSPE Calendar

A social get-together is planned Apr. 28 by the New Mexico Society of Professional Engineers which will include a cocktail hour, dinner and a play at the Old Town Theatre.

The Society will meet at La Placita Dining Rooms at 6 p.m. Following dinner the group will see "The Guardsman," presented by Vic Izay and his players at the Old Town Theatre. Curtain time is 8:30 p.m.

## Livermore Employees Putting Two Little League Ball Teams in Field

### Sandia Softball Play To Start Next Month

Preparations are underway for the 1958 Sandia Employees Softball League which will begin play about May 5.

Approximately 18 to 20 teams are again expected to participate. Present plans call for the use of Diamonds "C" and "D" on Sandia Base with games scheduled Monday through Thursday evenings starting at 6:45 and 8 p.m.

Teams will be organized on a Superintendency basis and employees who have not received information from their Superintendency representative and desire to participate are asked to call Employee Services, Ext. 29157.

Recently there has been some interest expressed by employees in a men's 16 inch slow-pitch softball league and in a girls' softball league.

Employees desiring to participate in these activities are asked to call Employee Services.

### Corporation Drops Game To Military All-Stars In Basketball Battle

The Sandia Base Basketball All-Stars downed the Corporation All-Stars 58-48 in a game played April 7 before several hundred fans.

The Corporation led 13-8 at the end of the first quarter, but cooled off to trail by 3 points at the end of the half and the third quarter 23-26 and 36-39.

### R. E. Poole Visits Hamilton AFB

R. E. Poole, Sandia Corporation's Vice President at Livermore, was a member of an AEC contractor group which recently visited Hamilton Air Force Base in Northern California.

The group, which included representatives of the Los Alamos Scientific Laboratory and the University of California Radiation Laboratory at Livermore, was briefed by Maj. Gen. H. A. Parker, Commander of the Western Air Defense Force, and his staff.

Livermore Branch employees are again voluntarily sponsoring two Little League baseball teams.

The two teams, the Sandia Dukes and the Sandia T-Birds, will compete in annual league play slated to start May 15 at Livermore. Practice got underway last Monday.

About \$175 is expected to be collected this year to pay fees and to replace equipment originally purchased with \$325 donated by Sandians last year. Collection deadline is Apr. 25.

Bill Pontsler (8124-1) has been named manager of both teams. Dave Hurley (8221-3) is head coach of the Sandia T-Birds, assisted by Leo Gutierrez (8124), Guy Roberts (8123-1) and Marlin Pound (8212-1).

Sandia Dukes' head coach is Bob Verdier (8124-1) assisted by Don Gregson (8124-1), Ed Daugs (8124-1) and Ed Holbrook (8122-1).

Last year the Sandia employee donations paid for jerseys with the team names emblazoned on the back, caps, bats and balls, head protectors, catcher's equipment, a first baseman's mitt, and registration and insurance fees.

### Maydew to Explain Sandia Wind Tunnel

R. C. Maydew of the Experimental Aerodynamics Division (5142) will discuss "The Sandia Wind Tunnel Facility" at the next meeting of the Sandia Research Colloquium Apr. 30.

The meeting will begin at 9:30 a.m. in the basement conference room of Bldg. 802. Tickets will not be required, it was announced by Craig Hudson (5111) of the Colloquium Committee.

### Nuclear Engineers to See Films on Atomic Reactors

The Nuclear Engineering Professional Division, New Mexico Section, American Society of Mechanical Engineers, has planned three films on atomic reactors for its Apr. 23 meeting.

The films, "The Atom Goes to Sea," "Nuclear Reactors for Research," and "Developing Homogeneous Reactors," will be shown at 7:30 p.m. in Room 2 of the UNM Mechanical Engineering Building.

### SHOPPING CENTER

### SHOPPING CENTER

### SHOPPING CENTER

### SHOPPING CENTER

### 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

- GAS RANGE, 40-inch, "Wel-Bilt," \$35; cabinet radio, "Silver-tone," \$15. Hunter, AL 5-2378.
- LAWN MOWER, Clemons, \$10 or will trade for used ping pong table. Krieger, AL 5-8584.
- 3-CUSHION DIVAN, green leatherette washable upholstery, \$25 or best offer; new muffler for Plymouth 6-cylinder, \$5 or best offer. Hogue, AX 9-1807.
- 8" TABLE SAW, \$50; 10" band saw, \$47; 13" Jigsaw, \$22.50; wood lathe, \$85. Pliner, AL 6-1907, 6210 Bellamah NE.
- TWIN SIZE MATTRESS, one new, \$25. Anderson, AX 9-4616.
- '55 PLYMOUTH Station Wagon four-door, V-8, PS, PB, automatic transmission, 30,000 miles, practically new tubeless tires. Stump, DI 4-1309.
- '56 CUSHMAN Scooter, \$165. King, CH 2-3422.
- '57 HARLEY DAVIDSON Hummer, color white, \$235 or best offer, can be financed, 1700 actual miles. Hummel, CH 3-7997.
- AUTOMATIC WASHER, Bendix, \$35. Nufer, AX 9-7551, 9718 Apache NE.
- MOTOR SCOOTER, Lambretta, w/buddy seat and wind shield, 1956 model. Goodwin, AL 6-7145, 1860 Georgia NE.
- BEAGLE PUPPIES, Registered, 4-weeks-old, only three left. Davis, AL 5-1824.
- TWO TIRES, 6:00-16, 4 ply, \$15. Berry, 10410 Aspen NE.
- MOVIE EDITOR Viewer, Kalart 8mm, practically new, complete w/case, instructions and cement, \$20. Van Vickie, AX 9-1240.

- BEDROOM FURNITURE, Birch, Modern double bed, vanity w/large mirror, chest, 2 night tables, \$125. Gallagher, AX 9-6632.
- CAMPING TRAILER, sleeps two, butane stove; electric rotary lawn mower, as is, \$10. Martin, AL 6-7969 after 5:30.
- HAND SAW, electric, 6" Craftsman, \$30; air conditioner, fan type, \$20. Pitti, AL 6-1629, 836 Georgia SE.
- BEDROOM SUITE, blond, 5 pieces, without mattress or spring, \$50, you haul. Fuller, AL 5-2114, 4924 Idlewild Lane SE.
- RECORD CHANGER, 3-speed, Webster-Chicago, model 346-1, w/V-47 crystal pickup, will sacrifice at \$15. Church, AM 8-1557.
- 30-30 WINCHESTER, fired only 5 times, \$50. Smith, AX 9-0574.
- SOFA BED, green w/mahogany arms, \$20. Brooks, 424 Manzano NE.
- PORTABLE RADIO, Zenith, w/batteries, \$35; 22-250 Custom Varmint Rifle, \$85. Antique German double barrel shotgun, \$35. Burrell, AX 9-6054.
- MOTOR SCOOTER, '56 Vespa 150 c.c., all accessories, driven 1686 miles, \$250. Kinoshita, AX 9-6491 after 5:30.
- '54 FORD, 4-door Customline, R&H, extras, turquoise paint and upholstery, \$900, your terms. Craven, Ext. 26285 after hours.
- MAHOAGANY SECRETARY, two fireplace chairs, Jenny Lind bed. Massey, AM 8-1660.
- AMPLIFIER, Grommes Model LJS, 10 watt, \$20. Richardson, AX 9-3673.
- TWO HOUSES, one 2 bedroom, SE; one 3 bedroom NE Heights; HW floors, air conditioning, sprinklers, patio, garage. Wiesch, AL 6-7236.
- '52 NASH, 4-door Statesman, Heater, Overdrive, \$300 or make offer. Nelson, AL 5-4316.
- AIR CONDITIONER for flat top roof, approximately 4000 cfm, \$50. Cohen, AX 9-4419.
- DUMP TRUCK, early '55 Chevy model 6400 w/256 motor, just overhauled, 4 new tires, \$850; '51 Chevy, 4-door sedan, \$250. Sheppard, AL 5-5375.
- 30-06 SPRINGFIELD 03A3, Redfield gold, bead front sight, new pistol grip stock, \$40 or trade for 30-30 Carbine. Alberts, Ext. 37298.
- '54 PONTIAC Star Chief Catalina, R&H, PB, new WW tires. Westmark, Ext. 47178 after 5 p.m. and weekends.
- ARC-5, transmitter and receiver; 75 feet 1/2 inch steel cable, make offer. Cole, 645 San Pablo SE after 5 p.m.

#### NEXT DEADLINE FOR SHOPPING CENTER ADS Friday Noon, April 25

- '53 CHEVROLET, 210, 4-door, new tires, new seat covers, standard shift. Cannon, AL 6-0924.
- LAWN MOWER, Craftsman 18 inch, 3 years old, \$12.50. Kail, AL 5-2933.
- AIR CONDITIONER, refrigerated air, deluxe model w/automatic time clock, complete w/window installation kit, \$125. Lindell, AL 5-7159, 2700 Alvarado Dr. NE.
- '56 LAMBRETTA Scooter, w/buddy seat, windshield and tire kit. Rauch, AL 6-0027, 1525 Dartmouth Dr. NE.
- '52 PONTIAC, 4-door, R&H, Hydramatic, and other accessories, new tires, battery and recent overhaul, \$425 or best offer. Brown, DI 4-3933.
- FRENCH 7.5mm MAS 1936 MLE Rifle w/15 rounds hunting ammo, good light and accurate, \$25. Scranton, AX 9-4902, 2522 Gen. Bradley NE.
- SPRINGFIELD 30-06, \$35; P38 9mm Automatic, \$25; 22 cal. Ruger single six, new \$50; trade for cement mixer or old guns. Zaluga, DI 4-1564.
- 26" BICYCLE, boy's English racer, \$17. Renfro, AL 5-9554.
- '58 FORD Fairlane Club Victoria, fully loaded, 4000 miles, will sell for less than any similarly equipped model in town. Atkinson, AX 9-3250.
- BOXER PUPPY, flashy male, 10 weeks, AKC, champ stock, partially housebroken, Dam: Daughter Ch. Bang Away. Young AX 9-1627 after 5:30.
- '50 CHAMPION Starlite Coupe, R&H, OD, \$125, good second car; boy's 26" bike, \$27.50. Christy, 2932 Hermosa Drive NE.
- TWEED COUCH, new 9' slip covered, rubber foam; Sprague & Carleton maple end tables and coffee table, half price. Gonzales, AM 8-1084 after 6.
- MALE CHIHUAHUA, friendly, registered, one year old, \$28. Hicks, AL 5-8449.
- 3 BRM HOUSE, separate dining room, 1 1/4 baths, screened patio w/Bar B-Q, fireplace, air-conditioned, carpets, drapes, walled, landscaped, \$15,500. Syme, AX 9-4100 after 5.

- '47 MERCURY, convertible, R&H, newly upholstered seats. Tabet, Ext. 37162.
- MONTGOMERY WARD refrigerator, 9 cu. ft., \$95; Maytag washer wringer type, \$70; roll-away bed, \$15. Pavelko, Ext. 33192 after 5.
- WRINGER TYPE washer, single stationary tub, no reasonable offer refused. Stricker, AL 6-3830.
- GARDEN TRACTOR, 2 hp w/attachments, \$60; child's black board (slate), \$4; guitar, \$10. Vale, Ext. 22284.
- 26" BICYCLE, boy's, headlight, horn, brake light, turn signals. Miziker, AL 5-4177.
- FIELD AMBULANCE, Army, 4-wheel drive, new engine and brakes, bunks, \$590; S&W K-22 .22 caliber pistol, \$65. Shunny, AX 9-2787.
- '56 CUSHMAN Scooter, 1958 plates, \$150; .22 pistol and holster, \$30 or best offer. Quellerette, Ext. 33248, 116 Penn NE, Apt. 1, after 5.
- GAS RANGE, O'Keefe & Merrit, 35" wide with griddle, cost \$170 sell for \$85. Walters, AL 5-9276.
- '50 BUICK Special, 4-door sedan, R&H, standard transmission, \$200. Bytheway, AL 6-4843.
- BRAND NEW \$50 FR model 146 electronic flash kit, \$32.50; \$140 Revere 8mm electric eye movie camera, \$99.50. Sisler, Ext. 25173.
- '56 CUSHMAN Eagle, new tires and tubes, buddy seat and windshield, \$200. Howard, AL 5-9489 after 5 p.m.
- U.S. STAMPS, singles, sets, blocks, beginners and advanced collectors. Martin, Ext. 34181, 3323 49th Loop, Sandia Base.
- '56 HARLEY-DAVIDSON Hummer motorcycle, \$200. Pearson, AL 5-7125.
- 3 BRM HOUSE on Ridgecrest, 2 1/4 baths, 2 WB fireplaces, rough-ins for additional bedrooms, both, has double garage. LeCompte, AL 5-3261.

- WILL TRADE camping outfit, tent, etc. for what have you? Chavez, AL 5-5461.
  - CHILD CARE. Have references. Clark, AL 6-4521.
  - TO RENT or lease 2 bedroom furnished house or apartment, NE or SE location, want by Apr. 26 or 27. Arning, Ext. 39135.
  - TRADE CASH for old guns of any kind or condition. Smitha, AX 9-1096, 8607 Menaul NE.
  - TO TRADE excess accumulation of stamp collection, sheets, blocks and plate blocks all mint. Hapsas, AX 9-5345 after 5:30.
  - BABY SITTER in my home for 18-month-old boy, Monday-Friday, 7:30 a.m. to 5 p.m. Baker, AL 6-0094, 11028 Cochiti Rd. SE.
  - HOMES FOR KITTENS. 5 weeks old, housebroken. Osterby, AX 9-4606 after 5.
  - BABY SITTING in my home, walled yard. Williams, DI 4-1000.
  - TO TRADE 30-06 Remington M740 rifle, am interested in trade for good hunting bow or .44 Magnum pistol. McCullar, Ext. 32155.
  - FREE KITTENS. Latest spring styles, eight models to choose from. Tatum, CH 2-9021.
  - TO BUY Boy's 26", three-speed, racing bicycle in good condition. Holstrom, DI 4-5216.
  - SWING SET. Williams, AL 6-1810.
  - TO RENT furnished or unfurnished 3 bedroom house in North Valley with few acres. Lindsay, Ext. 27153.
- #### FOR RENT
- VACATION TRAILER, 15', sleeps five, butane stove & lite, 50 lb. icebox, 12 gal. water tank, hitch & insurance furnished. Nelson, AL 6-6300.
  - 2 BRM HOUSE, available May 1, SE Heights, near Bases and schools. Raisen, AL 6-0143 after 5:30.
- #### LOST AND FOUND
- LOST—Reading glasses w/clear plastic frames, key and hub cap key on ring, safety glasses, silver and black oval drop earring. LOST AND FOUND, Ext. 26149.
  - FOUND—Lady's gold watch found 3-31-58; safety glasses, man's Stetson hat from Kistlers, light brown fur-lined gloves, man's tie chain, car key on chain No. 17, pearl handle knife. LOST AND FOUND, Ext. 26149.

#### WANTED

- CHILD'S SWING set, second hand. Fjelsted, Ext. 23278, after 5.
- TO TRADE deer rifle or shotgun for pistol. Pritchard, AL 6-5667.
- OLD 12 cu. ft. freezer, cheap. Norwood, AL 5-4639.
- WILL TRADE \$1200 equity in 41 ft. Fleetwood trailer home ('58 model) for equity in 2 or 3 bedroom home, NE or SE location. Turnbough, AX 9-3631.

## Dr. Mark M. Mills Loses Life in Eniwetok Air Crash

Sandia Corporation last week expressed deep regret over the death of Dr. Mark M. Mills, new deputy director of the University of California Radiation Laboratory at Livermore.

Dr. Mills was killed April 7 in a helicopter crash at the Eniwetok Proving Ground while on a mission related to the forthcoming "Hardtack" test series.

Speaking on behalf of the Corporation, R. E. Poole, Vice President at Livermore, said in a letter to Dr. Mills' widow:

"Please accept the condolences of the members of this Laboratory in the tragedy that has befallen you and your family. We all honored Mark for his great friendship to and manner of working with Sandia. The loss to us is very great. I doubt there can be any adequate replacement of the personality that was uniquely his."

### Forced Down

The helicopter was forced down in a rain squall off one of the islands in the Eniwetok Atoll during the early morning. Other passengers were Dr. H. B. Keller, III, head of the UCRL element of the Scientific Task Group for the Task Force, and Air Force Col. Ernest A. Pinson of the Field Command, Armed Forces Special Weapons Project.

Dr. Keller was injured, but not seriously. Colonel Pinson and the aircraft's crew members were not hurt.

Dr. Mills is survived by his widow, the former Pauline Riedberg, a daughter, Ann, and a son, Mark John.

President Dwight D. Eisenhower and Chairman Lewis L. Strauss of the Atomic Energy Commission paid tribute to Dr. Mills in personal messages to the scientist's widow.

### Deputy Director

Dr. Mills was named UCRL deputy director in mid-March. He had been an associate director of the Livermore Laboratory since 1956.

Born in Estes Park, Colo., 1917, he was a graduate of the Cali-



Dr. Mark M. Mills

fornia Institute of Technology, where he obtained a BS degree in 1940 and his PhD degree in 1948.

He was a leader in the field of jet propulsion, having worked at the Jet Propulsion Laboratory at Pasadena, Calif., the California Institute of Technology, North American Aviation Company and the Forrestal Research Center at Princeton University. Dr. Mills was sent to Europe in 1945 by the Office of the Chief of Ordnance, U. S. Army, to investigate British and German rocket development.

### To UCRL in 1953

He joined UCRL at Livermore in 1953 and became head of the Theoretical Physics and Mathematics Division. He recently initiated a curriculum in nuclear engineering at the University of California at Berkeley, and was Professor of Nuclear Engineering in the Division of Mechanical Engineering at the University.

Dr. Mills was a member of the Air Force Nuclear Fuel Propulsion Panel, the AEC Advisory Committee on Reactor Safeguards, and the Advisory Committee on Atomic Energy of the Secretary of Defense.

## D. B. Owen Presents Papers on Institute At Iowa State College

Two technical papers by D. B. Owen (5125) were presented by title at a recent meeting of the Institute of Mathematical Statistics at Ames, Iowa.

The papers were entitled: "A Rule for Action Based on Percentage Changes in the Sample Mean" and "An Expression for the Cumulative Distribution Function of the Noncentral t-Distribution."

Abstracts of the papers were available at the meeting and plans call for publication of the complete reports at a later date.



TROPIC LIVING is found by Sandia personnel operating microbarograph stations in the Pacific in connection with Operation Hardtack. This photograph of the station and campsite on Ujelang Atoll was taken for the Sandia Lab News and cleared for publication after Oper. Redwing 1956.



SURVEYING for the microbarograph station on Ujelang during Operation Redwing found Burton S. Snow (5231) dressed for comfort. This is another of the photographs cleared in 1956.

# Sandia Taking Important Role At Eniwetok Proving Ground

Sandia Corporation has been assigned important roles in the forthcoming nuclear test series, "Operation Hardtack," at the Eniwetok Proving Ground. There, Sandia test personnel will be associated with other scientific, technical and operational units representing the Atomic Energy Commission, Department of Defense and their contractors.

Personnel of the Sandia Task Unit, headed by C. B. McCampbell (5230), will:

1. Design, fabricate and check out certain fuzing and firing systems, including remote control and monitoring systems.
2. Develop and install certain instrumentation to measure phenomena of interest to the AEC, and perform engineering testing.
3. Provide microwave and FM/FM telemetry for making diagnostic measurements of blast phenomena.
4. Establish and supervise operation of seven microbarograph stations on islands surrounding the test area to collect data on blast pressures.

The first two items comprise Sandia's scientific mission at the Proving Ground and the remaining two are technical support services provided by Sandia to other AEC and Department of Defense agencies.

Project officers assigned jobs in item No. 1 include E. L. Jenkins, Jr. (5231-1), R. G. Scharrer (5232) and H. C. Walker (8122-3).

In charge of projects listed in

item No. 2 are M. L. Kramm (5232), D. E. Henry (5223-3), J. L. Dossey (5232), H. E. Hansen (5232), T. H. Takahashi (5232), V. G. Redmond (1247), I. D. Hamilton (5254 on loan to 5232), J. A. Beyeler (5224) and R. L. Eno (1283).

Providing microwave and FM/FM telemetry are project officers R. G. Scharrer and C. G. Scott (5232). The microbarograph project is under the supervision of R. A. Jeffrey (5232).

The project officers report to the Sandia Task Unit. Alternate Task Unit Commander is G. P.

Stoble (5231). Scientific advisor to the Task Unit is M. L. Merritt (5110).

Director of Scientific Programs for the Task Unit is M. L. Kramm, whose scientific advisor is T. B. Cook (5111). Director of the Support Program in the Task Unit is H. E. Hansen.

The Task Unit is one of several AEC, Department of Defense, and other units comprising Task Group 7.1, headed by D. B. Shuster (5260). On his staff is E. L. Jenkins, Jr., who serves as Arming and Firing Coordinator.



HAD TICKET, HAVE TRAVELED (L to R) Sandians Bob Scussel and Burt Snow and Bob Brownlee (LASL) are shown inspecting navigational equipment aboard the USS MATSONIA en route to Hawaii. All three are participating in Operation Hardtack.

## Patent Awarded To C. F. Martin

Charles F. Martin, Weapons Facilities Division (1283), has been awarded a patent, assigned to the AEC, for his invention of a photo-sensitive relay control circuit.

The invention has been given U.S. Patent No. 2,820,182.

Charles has been at Sandia almost 10 years, coming here from the Yearout Electric Company in Albuquerque where he was employed as a journeyman electrician. Prior to that, he attended the University of New Mexico, where he completed three years toward his degree.



A "CITATION OF MERIT" to employees of Sandia Corporation from the Muscular Dystrophy Association was presented recently by Ward Miller, right, chapter president. Receiving the award on behalf of Sandia employees was T. B. Sherwin, 3125, left, secretary of the Employees Contribution Plan, which contributes to MD and a number of other charitable organizations. The local MD group by the end of the year will have received approximately \$1,170 from Sandia employees contributing to the plan.