

Sandia Employees Contribution Plan Drive, which this year features the slogan "1 for 33," has not yet reached the goal set by this slogan. More money is needed to reach the mark of one day's pay for the 33 agencies represented in ECP.

If each employee participating in the plan had given one day's

agencies; thus it is asking all employees to take one more look at their participation in this drive.

Sandia employees fall into one of the following groups:

1. Those who gave nothing.
2. Those who did not increase their pledges or donations.
3. Those who did increase their pledges or donations.

To employees in Group 1 (non-givers): The ECP Committee asks that you make another honest and careful evaluation of your reasons for not participating. Are they valid? Are they sound? Are they sensible? Does not this federated program of community service merit your support? Please consider signing a card for one day's pay. If you cannot go "1 for 33" please consider a payroll deduction of 25 cents per week or one dollar per month.

To employees in Group 2 (no increase in payroll deduction): The committee asks you for further consideration of the benefits your ECP money yields. Nowhere do your "giving dollars" get more mileage. How about an increase of 25 cents per month?

To employees in Group 3 (payroll deduction increased): The committee submits a plea for cooperation, understanding and forbearance. You know the community's need and you have responded. Your continued help is needed. Can you, too, increase your deduction?

To all of you the Committee points out that these changes can be made easily.

Weekly paid employees at Sandia Laboratory are today receiving a card in their pay envelopes which may be used to make this change in deduction authorization. Monthly paid employees will receive their cards in pay envelopes Monday.

Sign, staple shut and return these cards to Organization 4131 in company mail. That's all there is to be done.

There will be no personal solicitation. The only "solicitor" you will hear will be your conscience. Listen.

## That final push

# More Help Needed To Hit ECP Goal

pay the drive would have brought in \$133,000. The latest tally shows that we will be about \$11,000 short of this goal.

What can we do about it?

Your ECP Committee believes most of us wish to carry our share of the community's responsibilities in maintaining health and welfare

## Sandia Corporation **LAB NEWS**

ALBUQUERQUE, N. MEX. • LIVERMORE, CALIF.

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OCTOBER 28, 1960

## Nevada 'Scooter' Test Leaves Deep Crater In Desert Floor

One million pounds of TNT, buried in the Nevada Test Site, ripped a gaping crater on the desert floor when detonated Oct. 13. The giant blast of conventional chemical high-explosive was the largest of its type ever exploded in the United States.

The test, called "Scooter," was part of a series of high-explosive tests being conducted by the AEC to obtain information on the cratering effects. The study is part of the Plowshare Program of peaceful means of nuclear explosives. From this study scientists hope to

obtain additional information on the relationship between energy yield, depth of burial, and the crater size resulting from the explosion.

The crater was about 350 ft. in diameter at its widest point. Roughly cup shaped, the crater's deepest point was about 80 ft.

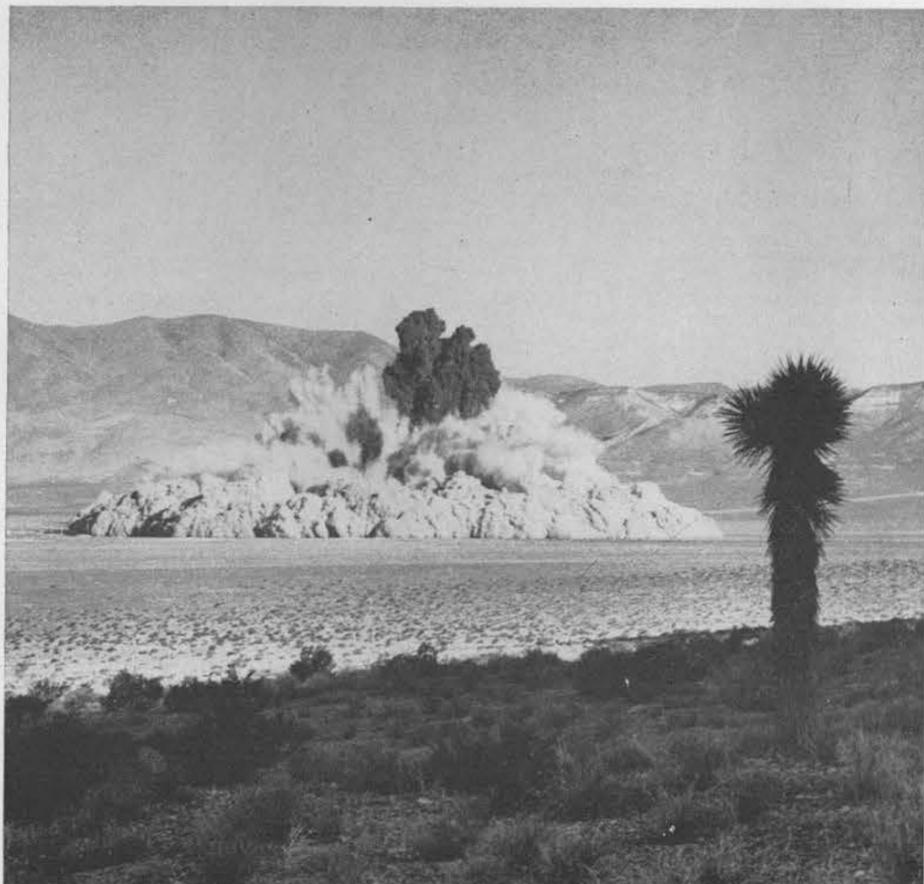
Sandia Corporation personnel witnessed the blast and are now studying data collected to determine cratering characteristics, throw out distribution, particle trajectory, ground motion, close-in air blast, and distant air blast.

The test was originally scheduled for July 14 but the charge failed to detonate. Re-entry excavation work was performed, new detonators and booster charge were placed near the center of the 500 tons of explosives.

Sandia Test Group Director for the Scooter detonation was H. R. MacDougall (7254), with W. R. Perret (5112) scientific advisor. F. B. Collins (7254) represented Sandia Corporation on the re-entry operation. Arming and firing of the charge was supervised by R. J. Burton (7254).



SANDIA CORPORATION and LRL scientists confer at NTS after the Scooter test. Clockwise from left are D. B. Shuster (7200), G. W. Johnson (LRL), J. H. Scott (4230), A. D. Thornbrough (7251), L. J. Vortman (5112), A. J. Chabai (5112), B. F. Murphey (5112) and M. Nordyke (LRL). In background is dust of the blast.



DUST CLOUDS swirled 500 feet into the air above the Nevada desert when 500 tons of TNT was detonated for Operation Scooter. It was a part of Plowshare Program.



CRATER dug by Scooter blast measured approximately 300 ft. in diameter. It was 80 ft. deep at its deepest point. The test yielded information on cratering effects.

Editorial Comment . . .

**Why the United Nations?**

The question "Why does the United Nations organization exist" is asked over and over. In short — what is its purpose?

We can think of no better answer than to remind our readers of the Preamble to the Charter of the United Nations.

\* \* \*

**WE THE PEOPLES OF THE UNITED NATIONS**

determined

To save succeeding generations from the scourge of war, which twice in our lifetime has brought untold sorrow to mankind, and to reaffirm faith in fundamental human rights, in the dignity and worth of the human person, in the equal rights of men and women and of nations large and small, and to establish conditions under which justice and respect for the obligations arising from treaties and other sources of international law can be maintained, and to promote social progress and better standards of life in larger freedom,

and for these ends

to practice tolerance and live together in peace with one another as good neighbors, and to unite our strength to maintain international peace and security, and to ensure, by the acceptance of principles and the institution of methods, that armed force shall not be used, save in the common interest, and to employ international machinery for the promotion of the economic and social advancement of all peoples,

have resolved to combine our efforts to accomplish these aims.

Accordingly, our respective Governments, through representatives assembled in the city of San Francisco, who have exhibited their full powers found to be in good and due form, have agreed to the present Charter of the United Nations and do hereby establish an international organization to be known as the United Nations.

**Earns Masters Degree**

L. E. Snodgrass (2561) has completed all the written and oral work required for a Master's degree in business administration. "All I lack is the diploma in my hands," he said.

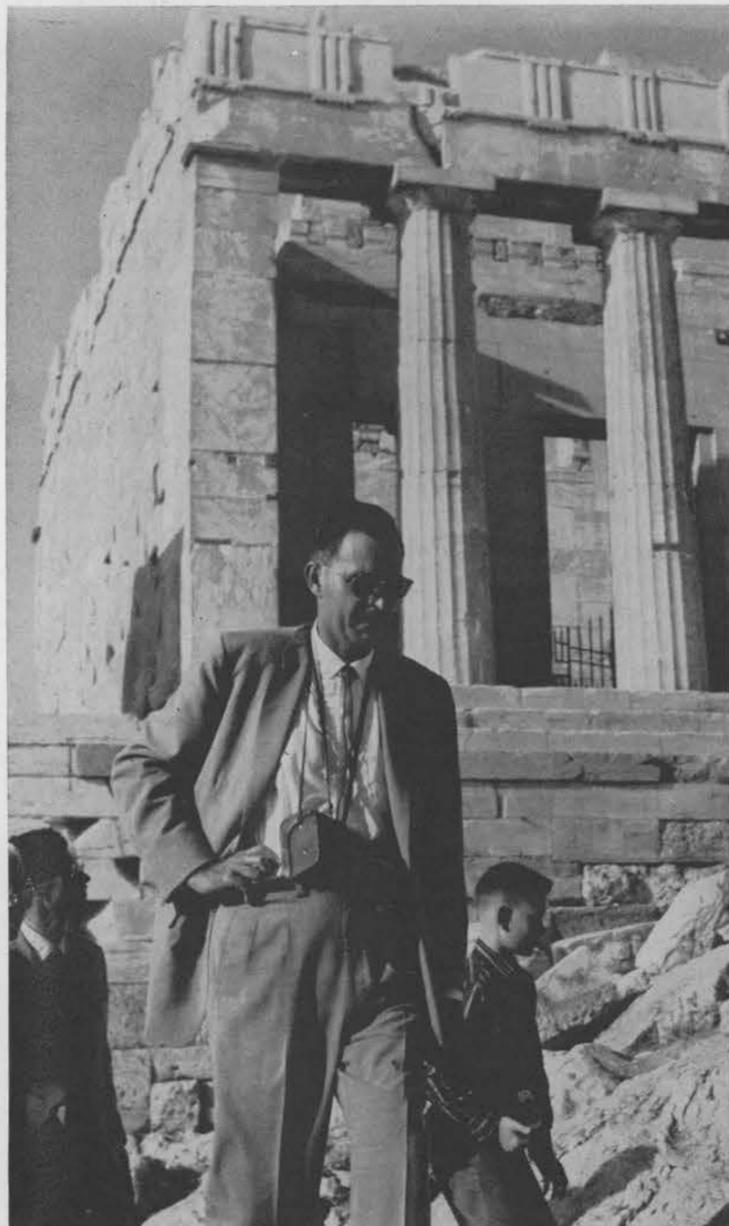
Mr. Snodgrass received his Bachelor's degree in industrial engineering from Illinois Institute of Technology. He has been at Sandia for more than eight years and has been working toward his advanced degree at the University of New Mexico for the past six years.

**'Button - Button'**

On the political scene at Livermore Laboratory two Sandians are playing "button, button, whose got the button."

Jack Hubner (8213-2), president of Orinda-Moraga Democratic Club, has a supply of Kennedy buttons and Carter House (8213-2), president of Livermore-Pleasanton Republican Assembly, is distributing Nixon buttons.

The small buttons are free but the larger and fancier models cost 50 cents. Funds collected go into the campaign funds for the candidates.



PARTHENON on the Acropolis in Athens was one sightseeing stop on Alan Pope's (7130) recent trip to Europe and the Middle East. After presenting a technical paper before a NATO group in Istanbul, he visited Athens, Rome, Naples and Paris.



FRESH AND SMILING at start of skin diving trip down the Rio Grande; three days later it was a different story. (L to R) Marcel Schiess (1117), Don Edwards (7253), Bob Leitzman (ex-Sandian) and Don Mixon are entering the river near Arroyo Hondo for their swim 25 miles downstream.



GUIDING rubber raft containing their supplies proved tricky maneuver when they hit white water or boulders strewn across the Rio Grande. Unwedging raft here (l to r) are Jack St. Claire (2561), Don Mixon and Don Edwards (7253) in skin-diving gear.

**Sandians Shoot Rio Grande Rapids The Hard Way — Under Water**

The Lab News has frequently carried stories about employees who have floated down the Rio Grande on rubber rafts, but this is the first time that a group has made the trip underwater—part of it at any rate!

Jack St. Claire (2561), Don Edwards (7253), Marcel Schiess (1117) and two other members of the Albuquerque Dusty Divers Club decided to don their rubber suits and combine skin diving with a trip down the Rio Grande Canyon.

The five entered the river a recent Saturday evening at Jack Dunn's bridge, which is west of Arroyo Hondo. They emerged about 25 miles downstream the following Tuesday.

For the trip the men donned diving suits covered with overalls (which were torn to shreds by the end of the trip). They estimated that the swift water was over their heads 85 to 90 per cent of the time.

One man would swim ahead to scout any rapids or dangerous boulders. The others swam alongside a rubber raft which carried their sleeping bags and food.

The trip went smoothly until Monday when they began meeting fishermen who told the swimmers their destination was only two or three miles away. The group remained in the water until 10:30 p.m. that night trying to reach Taos Junction and, after the lead man was swept over rapids, they made camp on a narrow ledge 20 feet above the river, fatigued after 14 hours of swimming.

On Tuesday they had to make portage around a series of rapids and finally reached the crossroad in mid-afternoon.

Meanwhile, back on the home front, Mrs. St. Claire had a Air Force plane hunting for the overdue swimmers, other relatives of the men had called the New Mexico State Police and the sheriff at Questa. Members of Division 2561 were even planning a rescue party.

In some ways the trip wasn't too successful: they ran out of food on Monday except for broth and raisins; they didn't find any deep holes in which to use the four heavy air tanks they carried along; the raft frequently became wedged between rocks and they lost considerable equipment; and the men all ended the trip with a mass of bruises.

Along the watery route they found remains of two six-man rafts and two life preservers, grim reminders of what could happen to them!

**Marcel Weinreich Talks**

"Latinitas — Alma Mater Modernitatis" was the title of a talk presented by Marcel Weinreich (3421-1) before Latin teachers yesterday during the annual conference of the New Mexico Education Association.

Mr. Weinreich discussed the extent to which Latin has become the heritage of the English language and how a study of both Latin vocabulary and word origins are needed to understand the deeper meaning of cultural institutions.



Gloria Putman (1443)

**Take a Memo, Please**

Know the hazards of your work. Don't learn of them by accident.

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BCIE

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# United Nations Embodies Man's Hopes

Many countries of the world observed this week the 15th anniversary of adoption of the United Nations Charter — an agreement with the high aims of preserving international peace and of improving living conditions for men everywhere.

Proof that these lofty goals are being achieved is the fact that the United Nations organization has grown from an initial body of 51 member nations to its present roster of 99. In addition there is an impressive list of actions recommended by the UN after discussions in either the Security Council or General Assembly. Add to this the equally important activities undertaken by the UN Economic and Social Council (UNESCO) in its fight against poverty, ignorance and disease.

In providing a sounding board for all sides of a dispute the UN by its method of operation unofficially endorses the governments of the world which give their citizens the right of free speech and the right to vote for what they feel is morally right.

## World Forum

The UN has been likened to a world forum where people gather to air their views, win public support and organize into groups to support their recommendations. The UN is not a world government; it has no power to make laws, it can only make recommendations—but through the power of world opinion, these recommendations carry considerable weight.

"Peace" measures taken in the past 15 years include a request for UN members to help repel aggression by Communist North Korean forces in the independent Republic of Korea (16 nations including the U.S. responded); a cease fire and withdrawal of foreign troops after nationalization of the Suez Canal by Egypt; cease fire and creation of Indonesia; cease fire in Palestine and mediation armistice agreements between Israel and the Arab States; condemnation of the Soviet Union for its 1956 invasion of Hungary, and emergency assistance to 19,000 Hungarian refugees after the revolt; and this summer's request to members for UN forces to ease tensions and maintain order in the Congo.

UNESCO carries out its work in economic and social development by providing technical assistance to underdeveloped countries through its seven specialized agencies concerned with agriculture, labor, health, education, etc.

In signing the charter of the UN in San Francisco in 1945, the governments represented at the UN Conference on International Organization established a place to air conflicting interests and ideologies.

All governments represented became members of the General As-

sembly with one vote each. The main body meets regularly in September but when the Security Council's five permanent members fail to agree on action against an apparent threat to peace, the General Assembly may take up the matter within 24 hours in an emergency special session. There have been three of these emergency meetings.

## Considers, Discusses

The General Assembly is empowered to consider and discuss any matter within the scope of the UN charter, make recommendations to members, apportion expenses among members and approve the UN budget, which was \$63,149,700 for 1960. The parent group also elects the non-permanent members of the Security Council, members of the Economic and Social Council, some members of the Trusteeship Council, and, with the Security Council, determines judges for the International Court of Justice and the Secretary-General.

The Security Council is comprised of five permanent members (representatives from China, France, the USSR, the United Kingdom and the United States) and six other members elected by the General Assembly for two year terms. In any matters other than procedural decisions, an affirmative vote of seven members, including all five of the permanent members, is required.

In fulfilling its purpose of maintaining international peace and security the Security Council may call upon parties to a dispute to seek peaceful solutions and it may use economic and military sanctions to enforce decisions.

The Economic and Social Council is charged with achievement in fields of higher standards of living, international economic, social and cultural cooperation, and human rights. Its 18 members serve three-year terms and meet in two regular sessions a year. The council is responsible for technical assistance programs in many countries and works closely with non-governmental organizations.

## Trusteeship Council

The Trusteeship Council administers and arranges periodic visits to territories placed under United Nations supervision through individual trusteeship agreements. These territories include those formerly held under League of Nations mandate, those taken from enemy states as an outcome of World War II, and others voluntarily placed under the Trusteeship System.

The Council is composed of members of United Nations administering trust territories, permanent members of the Security Council without such territories, and other members without territories elected by the General As-



HEADQUARTERS OF THE UNITED NATIONS is in New York City alongside the East River although many of its specialized agencies are located in other countries. Offices of the Secretary-General and his

international staff are housed in the skyscraper; council chambers and conference rooms are in the low building at the river's edge, and the General Assembly meets in the domed building at center.

sembly for three-year terms. The balance is always equal between countries which administer trust territories and countries which do not.

The principal judicial body of the UN is the International Court of Justice. All members of the UN are automatically parties to the Statute of the Court and may refer cases to it. Other countries may also refer cases to the Court under special conditions.

The Court consists of 15 judges, chosen for nine-year terms on the basis of their qualifications, not with regard to their nationality; however, care is taken to have representatives of the principal legal systems of the world.

The Secretariat is composed of the Secretary-General and an international staff. The Secretary-General is appointed by the General Assembly upon recommendation of the Security Council and serves five years, after which he may be reappointed.

His job is to be the Chief Administrative Officer, call the Security Council's attention to any matter threatening international peace and security, and make an annual report to the General Assembly on work of the United Nations.



OFFICERS OF THE Supersonic Tunnel Association, which met at Sandia recently, are (l to r) Recording Secretary K. Orlik-Ruckemann, National Research Council, Ottawa, Canada; Chairman A. Y. Pope (7230); and Corresponding Secretary Robert E. Covey, assistant chief, Wind Tunnel and Environmental Facilities Section, Jet Propulsion Laboratory, located at Pasadena, California.

## Supersonic Tunnel Ass'n Meeting Attracts Scientists From 3 Countries

The 14th semi-annual meeting of the Supersonic (wind) Tunnel Association was held at Sandia Corporation last week. Representing Sandia were Alan Y. Pope (7130), chairman of the Association, R. C. Maydew (7132) and W. T. Botner (7132-2).

Three Sandians, also from the Aero and Thermodynamics Department, presented papers during the nine technical sessions of the meeting. They were K. L. Goin, "A Study of Flow Freezing of Air in Hypervelocity Test Facilities";

D. E. Randall, "Operational Experience with the Sandia Pilot Hypersonic Wind Tunnel," and K. L. Shipley, "Status of Sandia's Plasmajet Laboratory."

The group was welcomed to Sandia by Glenn A. Fowler, Vice President, Development, at the opening session. E. L. Johnson (5110/3424) coordinated physical arrangements for the meeting.

Included on the program was a tour of Sandia's wind tunnel facility, conducted by Mr. Pope and Mr. Maydew.

A total of 56 representatives from similar facilities throughout the country, Canada, and Sweden attended the meeting.

## 864 Employees Use Services Facilities For Registration

A total of 864 Sandia employees have registered to vote since Mar. 23, 1960, when Services and Benefits Division 3122 initiated this service during the noon hour in Bldg. 829. Deadline for registration in New Mexico was Oct. 10.

Following the Nov. 8 presidential election, the registration service will again be offered during noon hours.

At Livermore Laboratory 325 employees took advantage of registration periods offered twice since last May. The registrations were arranged by the League of Women Voters and Employee Services Section 8212-2.

## Welcome Newcomers

Oct. 10-21

Albuquerque	
Mildred A. Austin	3126
*Elaine M. Cooper	3126
*Margalee Parkhurst	4413
Roberta J. Wellborn	3126
Illinois	
Kenneth J. Deller, Chicago	5132
James M. Freese, Chicago	5150
Indiana	
Michael O'Bryant, Indianapolis	4413
Missouri	
James T. Wright, Kansas City	1312
Wisconsin	
Glen W. Howard, Madison	2723
* Denotes rehired	
Returned from Leave	
Gloria M. Garcia	3126
Warren B. Johnson, Jr.	2542
Rosalie M. Martinez	4212
Larry O. Tabor	4412
Dorothy L. Wisner	3466



UN SECURITY COUNCIL has as its primary purpose acting for the UN members in maintaining international peace and security. The council may function continuously or meet at the request of the

Secretary-General. Here the 11-member council was considering the Congo question. Simultaneous translation of the proceedings in several major languages is available for use of officials and public.

## Sandia Employees Seek Posts In November General Election

The names of nine Sandia employees will appear on the Bernalillo County ballot when the polls open Nov. 8. Sandians are contending for two major posts—State Representative and County Commissioner—plus six Justice of the Peace positions and one constable job.

With the exception of the two major candidates, the Sandians are running for public office for the first time.

Charles L. Hines is seeking the office of Bernalillo County representative in the State Legislature, Position No. 4. He is a Republican and served as a State Representative in 1957-58.

At Sandia, Charlie is employed as a staff member in Workmen's Compensation Section 3341-1 and will mark his tenth year with Sandia on Dec. 1.

He attended the University of Arizona and graduated in 1948 with a Bachelor's degree in agriculture and business administration.

During World War II, he served as a naval officer, primarily in the Pacific.

Harry E. Kinney is the Republican candidate for the Board of County Commissioners, District No. 1, a post he held in 1957-58. He is currently a member of the County Board of Voter Registration.

Harry is employed in Weapon Compatibility and Applications Division 7183. He is currently project engineer for Sandia's work on the B-58.

Harry joined Sandia in July 1956 after several years of operating his own appliance business in Albuquerque. He earned his Bachelor's degree in mechanical engineering from the University of New Mexico in 1945. He has done graduate study at Cornell University.

A Lieutenant Commander in the

U.S. Naval Reserve, Harry served as a naval officer in both World War II and the Korean conflict.

Richard L. Starkey (4573) is seeking the constable job for Precinct 6. He is a Democrat. He has been working in Sandia's Motor Pool Division for 12 years.

The only Republican from Sandia who is running for Justice of the Peace is Gaynor Earl Atkinson (2331). He is seeking the position in Precinct 46. Gaynor is an electrical engineer in Field Engineering Division 2331. He has been with Sandia since July 1953.

Dennis S. Chavez, an order analyst in Engineering and Research Support Division 2642, is seeking the JP post for Precinct 17. He has been employed at Sandia 10 years.

William D. Ingram is a candidate for JP for Precinct 20. He is a Staff Assistant-Mechanical in Applied Research Division 5132. He has been at Sandia nine years.

John I. Malpas, Jr., (4252-6) seeks the JP post for Precinct 40. He has been employed at Sandia since 1954 as a Machinist in the Development Shops.

James J. Weber has no opposition for Justice of the Peace in Precinct 43. He is a Staff Assistant-Mechanical in Explosive-Electrical Transducer Division 5133 and has been at Sandia since 1952.

Henry J. Schroer is a candidate for JP in Precinct 44. He has been at Sandia since December 1952 and is employed in Mechanical Standards Section 4232-4.

### Hunting the Hard Way

At the special bow season for antelope on the Lovelace Ranch this month, Dave Bushmire (2544-3) and Tom Harrell (2644-1) killed a 70 lb. doe and an 85 lb. doe, respectively. Both animals were shot while running at a distance of approximately 40 yards.

## A. E. Bentz To Serve As Chairman Of Telemetering Conference Committee

Arnold E. Bentz has been named chairman of the newly formed Telemetering Standards Coordination Committee of the National Telemetering Conference.

Mr. Bentz, who is supervisor of Telemetering Component Engineering Division 7213, will serve two years in the position.

The committee was set up by the conference's executive committee last month to represent five member societies of the NTC and to receive, coordinate and disseminate information, recommend and endorse standards, methods and procedures to users, manufacturers, and supporting agencies.

Mr. Bentz has been with Sandia

Corporation more than 11 years. For the first year he was an electronic technician in the Environmental Test Laboratory. After transferring to the Field Testing organization he helped provide special instrumentation at the Eniwetok Proving Ground during the 1951 nuclear test series.

He has been a division supervisor since July 1954.

### Appointed Rounds Not Stayed

Paul Stickler (1411) is still wondering how a letter mailed from Minneapolis, Minn., reached him with the following address: Sandi Corp., Sandi Base, LaBug, N. Mexico.

## Winter Hours Start Monday

Time to adjust those alarm clocks!

Sandia Laboratory will go on winter work schedule Monday, Oct. 31, with a half-hour later starting time.

The winter schedule is 8 a.m. to 5 p.m. with standard rest periods from 10 a.m. to 10:15 a.m. and 3 p.m. to 3:10 p.m. Lunch period remains the same.

Livermore Laboratory remains on a 7:30 a.m. to 4:30 p.m. (PST) schedule.

## Coronado Club Seeks Additional Members With Special Offer

The Coronado Club is using a new approach in a drive to get more members. Any Club member who brings a new member onto the club rolls from Nov. 1 through Dec. 31 will receive \$2.50 credit, to be used in trade at the club. This action was passed at last month's meeting of the club's board of directors.

Prizes will be awarded for the best costumes at the club's annual Halloween Party tomorrow night from 9 to 1, with dancing to the music of Lloyd Pond. Cost is 50 cents for members, \$1 for guests.

Social hour tonight will feature Jim Yochim at the piano, and Tommy Kelly's combo will play next Friday, Nov. 4. The live entertainment will continue through the \$1.75 buffet on both nights.

The M.B.C. Trio will play for dancing next Saturday night from 9 to 1. Cost is 50 cents for members, \$1 for guests.

## Fallout Shelter Booklet To Be Put In Racks

"The Family Fallout Shelter," a publication prepared by the Office of Civil and Defense Mobilization, will be placed in the booklet racks at Sandia Laboratory next week. The booklet has already appeared in the Livermore booklet racks.

The booklet explains the need for fallout shelters, the experience of living in a shelter and how to build a shelter. Also discussed is protection from fallout available in homes and apartment buildings not having shelters.

Placing this booklet in the rack coincides with an increased nationwide effort of Civil Defense officials encouraging construction of shelters.

## Other AEC Contractors Pushing On Toward Sandia Corp. Safety Record

How secure is the AEC safety trophy now in possession of Sandia Corporation?

Sandia's record of 14,936,169 man-hours without a disabling injury establishes the trophy here until some other AEC laboratory makes a better record.

Three other plants have passed the 10 million man-hour mark. They are: Hanford Works, Hanford, Wash., Y-12 Plant at Oak Ridge, Tenn., and Rocky Flats Plant at Boulder, Colo.

Safety performance marks by

AEC-contractor plants and installations involve not only prevention of the usual types of industrial accidents but also prevention of radiation injury to personnel.

So far in 1960 four fatalities, none of them associated with radiation, have occurred in AEC operations. A professional skin diver drowned while performing assigned duties at Eniwetok Proving Ground, a kitchen employee was scalded to death while helping pour hot soup into a steam kettle. The two other fatalities were caused by falls, one from a 20-ft. wall and one from scaffolding.

Sandia's record still stands, but will soon be pushed by the safety records of these other plants.

## Training Review For Engineers Given At UNM

An Engineer-In-Training Review will be offered by the Albuquerque chapter, New Mexico Society of Professional Engineers, in cooperation with the University of New Mexico starting Nov. 8.

Classes will meet every Tuesday and Thursday from 7-9 p.m. for 16 weeks at the UNM Mechanical Engineering Bldg., Room 2.

The review is designed to provide incentive and encouragement to prepare individuals for the Engineer-In-Training examination, a prerequisite to the Professional Engineers' examination.

The non-credit course will include a review of mathematics and the fundamentals of engineering, including engineering physics, statics, strength of materials, dynamics, thermodynamics, fluid mechanics, engineering economics, electricity and chemical engineering.

Instructors will include Grover W. Hughes (7224), Wilber L. Miller (3132-2), as well as UNM professors and specialists in subject areas from Kirtland AFB.

Additional information may be obtained from M. H. McMichael, Assistant Director, UNM Division of Extension, CH 7-0391, ext. 208.

## Sandia Participates In Western Electric Engineering Conference

H. H. Pastorius (4540), K. E. Finders (8221-2), and R. M. Officer (4541) will participate in the Western Electric Company Interplant Engineering Conference in Columbus, Ohio, on Nov. 1.

Mr. Pastorius will lead a discussion based on a paper entitled "Planning a New Building for Research at Sandia." The paper was written by G. R. Sharp, V. E. Kerr, D. D. Knott and H. H. Baxter (all 4543).

"Industrial Truck Safety Specifications with Particular Regard to Speed Limit Controls on Electric Fork Lifts," will be presented by Mr. Officer.

"Metrology Laboratory Design," a paper written by Mr. Finders describing the new standards facility at Livermore Laboratory, will be published in a booklet for distribution at the conference.

## Two Committee Posts Awarded To A. F. Cone

Appointments to committees of two national organizations have recently been given A. F. Cone, manager of Sandia's Quality Assurance Department 7510.

He will serve as chairman of the western branch of the quality assurance committee of the Electronic Industries Association. This association is comprised of electronic industries of various sizes, ranging from those manufacturing tubes to others responsible for complete missile systems.

His committee will study quality problems and practices as related to the industry, and recommend standards and practices in the industry.

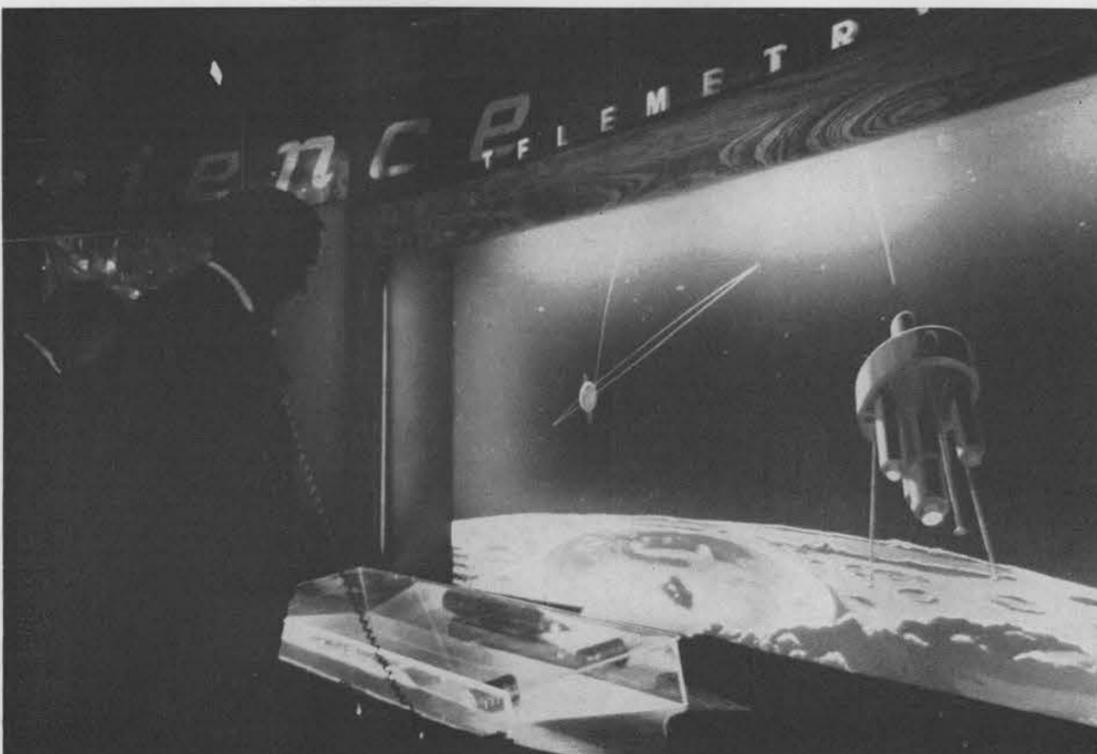
Mr. Cone has also been appointed to the advisory committee on the Data Collection and Analysis System, which is advisory to the Office of Safety and Reliability of the U. S. Army Ordnance, Special Weapons Ammunition Command. This five-man committee includes representatives from Aberdeen Proving Ground, Redstone Arsenal, and two members from the Chief of Ordnance office.

## Sen. Anderson Speaks To Group on Future Of Sandia Base

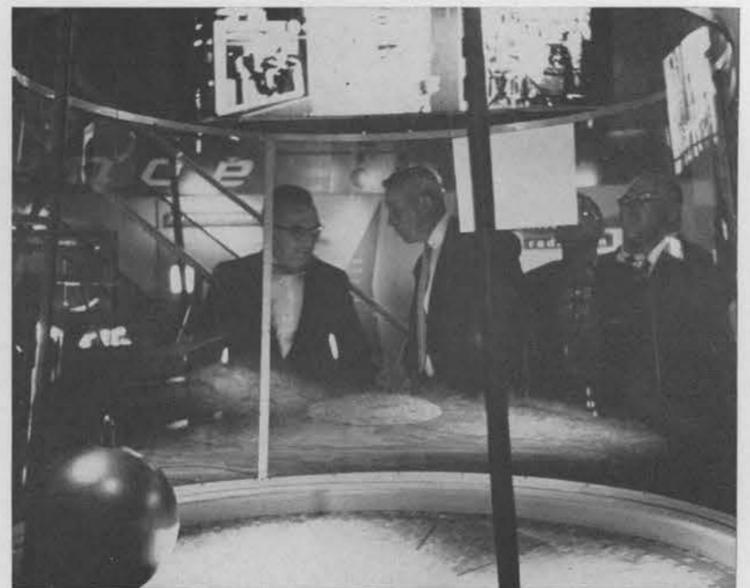
A breakfast was held Oct. 23 at the Hilton Hotel for all Delegates, Stewards and Officers of the Atomic Project and Production Workers, Metal Trades Council and the Office Employees International Union Local. About 80 Sandia Corporation employees attended.

Senator Clinton P. Anderson was guest speaker and discussed the future of New Mexico and, especially, Sandia Base.

Tom Robles, Executive Secretary-Treasurer of the New Mexico State AFL-CIO, also spoke to the group concerning labor's part in the 1960 election.



TELEMETRY EXHIBIT inside Sandia's "Sphere of Science" holds the interest of these two Albuquerque Rotarians, part of a group of 200 that toured Sandia Base and Sandia Laboratory facilities recently.



FOUCAULT PENDULUM and other exhibits inside Sandia's Sphere of Science were some of the highlights of a Rotarian tour of Sandia facilities recently. At left is Charles C. Campbell, manager, Sandia Area Office, AEC, and October Rotary Club program chairman.

# Supervisory Appointments

**H. RAY SHEPPARD** to supervisor of newly-created Acceptance Equipment Design Division 8151.



Ray started at Sandia Laboratory in 1951, working in a support group. He was later assigned to the test equipment organization as a design engineer. In February 1956, Ray was promoted to supervisor of a test equipment section. He transferred to Livermore Laboratory in 1958 as supervisor of a project group section.

During World War II he attended the University of Kansas under the Navy V-12 program, receiving his BS degree in electrical engineering in 1946. Remaining at the University as an electrical engineering instructor while continuing his education, Ray received his MS degree in electrical engineering and his BS degree in business in 1950.

Before joining Sandia, Ray worked for Owens Corning Fibreglas and the General Motors Corporation in the plant engineering organizations. He is a registered professional engineer in New Mexico and Kansas.

**JOHN S. ANDERSON** to supervisor of Section 8163-2, Project Engineering Division 8163, Livermore Laboratory.



John has been at Livermore Laboratory in project groups and test projects work ever since his graduation from Oregon State College where he received his BS degree in electrical engineering in 1957.

He is a member of IRE, AIEE, Sigma Tau, engineering honorary, Eta Kappa Nu, electrical engineering honorary, and Pi Mu Epsilon, mathematics honorary.

From 1948 to 1952 John served in the U. S. Navy.

**ROY M. TIDWELL** to supervisor of Field Test Section 8121-3, Livermore Laboratory.



Roy joined Sandia Laboratory in 1955 where he worked in the full scale testing and data processing organizations. He transferred to Livermore Laboratory in May of this year, where he was assigned to the Data Counter Section.

A graduate of Texas Technological College, Roy received his BS degree in electrical engineering in 1955. He is a member of the IRE, Tau Beta Pi and Eta Kappa Nu.

**ROBERT H. JOHNSON** to supervisor of Production Engineering Section 8161-2, Livermore Laboratory.



Bob joined Livermore Laboratory in June 1957, immediately following his graduation from the University of California, Los Angeles, where he received his BS degree in engineering. He has been in production engineering and project group work since he has been at Livermore.

Bob is a member of Tau Beta Pi, scholastic honorary society. From 1948 to 1953 he served in the U. S. Air Force, assigned to the Armed Forces Special Weapons Project at Sandia Base.

**ROBERT G. CLEM** to supervisor of newly-created Section 8145-1, Project Engineering Division 8145, Livermore Laboratory.



Bob started at Livermore Laboratory in June 1958 where he was assigned to a project group. He joined the company immediately following his graduation from Washington State College, Pullman, where he received his BS degree in mechanical engineering.

He is a member of Sigma Tau and Tau Beta Pi, engineering honorary societies. From 1953 to 1955 Bob served in the U. S. Army.

**HOMER C. McILROY, JR.**, to supervisor of Salary Job Evaluation Section 3111-1, Job Evaluation and Classification Division.



Homer has been working in the Wage and Salary Administration organization since he came to Sandia nearly six years ago.

Previously he was at Los Alamos for a year as fiscal and administrative officer for the AEC communications branch.

In 1951 Homer was stationed at Sandia Base with the Special Weapons Branch while serving three and a half years in the Air Force.

He has Bachelor's and Master's degrees in business management from the University of Colorado and is a member of the American Institute of Industrial Engineers.

**ALBERT J. WIEMKEN** to supervisor of Tool Made Sampling Section 8116-3, Livermore Laboratory.



Al has been at Livermore Laboratory since graduation in 1957 from the University of California, Berkeley, where he received his BS degree with honors in mechanical engineering. He has worked in project groups since he has been with Sandia.

Al is a member of Tau Beta Pi, engineering honorary, Pi Tau Sigma, mechanical engineering society, the Honor Student Society of the University of California, ASME and the Society for Experimental Stress Analysis. He is a registered professional engineer in California.

From 1950 to 1952 Al served with the U. S. Marine Corps in Korea.

**JAMES A. SMITH** to supervisor of Staff Training and Education Division 3131.



Jim has been at Sandia two years and was appointed supervisor of Personnel Research Section 3133-1 last December.

Previously he was with Western Union Telegraph Co. in New York City for 11 years. At the time he left there Jim was manager of employment and training.

Jim received a Bachelor's degree in business administration from Niagara University, an MS degree in industrial management from Columbia University and has taken additional special courses at Cornell University.

During World War II he served three years in the Army.

Jim is a member of the American Society of Training Directors.

**JEROME F. JONES** to supervisor of Product Control Division 8161, Livermore Laboratory.



Jerry worked in engineering liaison at Sandia Laboratory from the time he joined the company in 1951 until July 1956, when he transferred to the materials group at Livermore Laboratory. In 1958, he was assigned as an engineer in a project group. He was promoted to supervisor of a project group section in May 1958, and was transferred to the Production Engineering Section in February of this year.

Before joining Sandia, Jerry worked as assistant production manager for Diebold, Inc., office equipment manufacturers in Canton, Ohio.

He is a graduate of South Dakota School of Mines and Technology where he received his BS degree in metallurgical engineering in 1942.

During World War II Jerry spent three and a half years in the U. S. Navy, serving in the Pacific Theatre.

**JOHN R. BANISTER** to supervisor of Research Division III, 5153, Physical Sciences Research Department.



John has been at Sandia seven and a half years, first in Nuclear Burst Physics Department and for the past three years in 5150. His work here has included research in the fields of magneto hydrodynamics, particulate dynamics, and neutron absorption.

Prior to Sandia John was working in the low temperature physics lab at Iowa State College on a part-time basis while completing study for his PhD degree in physics. He also has a Bachelor's degree in physics from Iowa State College.

John served three years in the Army Signal Corps.

He is a member of the American Physical Society, and Sigma Xi, Lambda Delta Lambda, Pi Mu Epsilon, Kappa Mu Epsilon, and Phi Kappa Phi, honorary societies.

**FRANCIS E. BELL** to supervisor of Supervisory Development Section 3131-1, Staff Training and Education Division.



"Frank" first came to Sandia Corporation in December 1951. In August 1956, while supervisor of Professional Employment Section, he terminated to become Chief of the Administrative Branch, AEC-Sandia Area Office. When he returned to Sandia Corporation two and a half years ago he conducted studies and helped develop the program for supervisory training and education.

Before coming to Albuquerque Frank was loan examiner and later assistant secretary of the Export-Import Bank in Washington, D.C., for five years. He was with American Express Co., New York City, for three years, training in the fields of foreign exchange, credit and bank management.

Frank has a BA degree in government and foreign relations from Princeton University and has taken graduate work in economics at the American University in Washington.

During World War II he served five years in the Navy.

**WINTON B. PAFFORD** to supervisor of newly created Telemeter Application Section 8122-4, Livermore Laboratory.



"Paff" started work at Sandia Laboratory in 1952 in the development organization, later switching to full scale and field test groups. He was assigned to Livermore Laboratory in October, 1959, as a test project engineer.

Before joining the company he worked two years as an electronics inspector for Convair at Fort Worth, Texas.

A graduate of the University of New Mexico, he received his BS degree in electrical engineering in 1948. He is a registered professional engineer in New Mexico and a member of the IRE.

During World War II he served in the U. S. Navy as a radioman for two years before entering the V-12 and NROTC programs.

**EDWARD H. DAUGS** to supervisor of Test Design Section 8121-1, Livermore Laboratory.



Ed has been in preliminary design and project group work since he started at Livermore Laboratory in June 1956. He joined Sandia following his graduation from Oregon State College, where he received his BS degree in mechanical engineering.

He was a student member of the Society of Automation Engineers and the American Society of Mechanical Engineers.

## Name Players to Be On Sandia's All-Star Football Team

Sandia Laboratory's All-Star football players have been announced for 1960. Annual tournament between the All-Stars of Sandia Laboratory, Sandia Base, Kirtland Air Force Base and Manzano Base is scheduled Nov. 9-10. All games will be played on Sandia Base football field. Admission is free.

Heading the Sandia Lab team as coach is Everett F. Massey (5511).

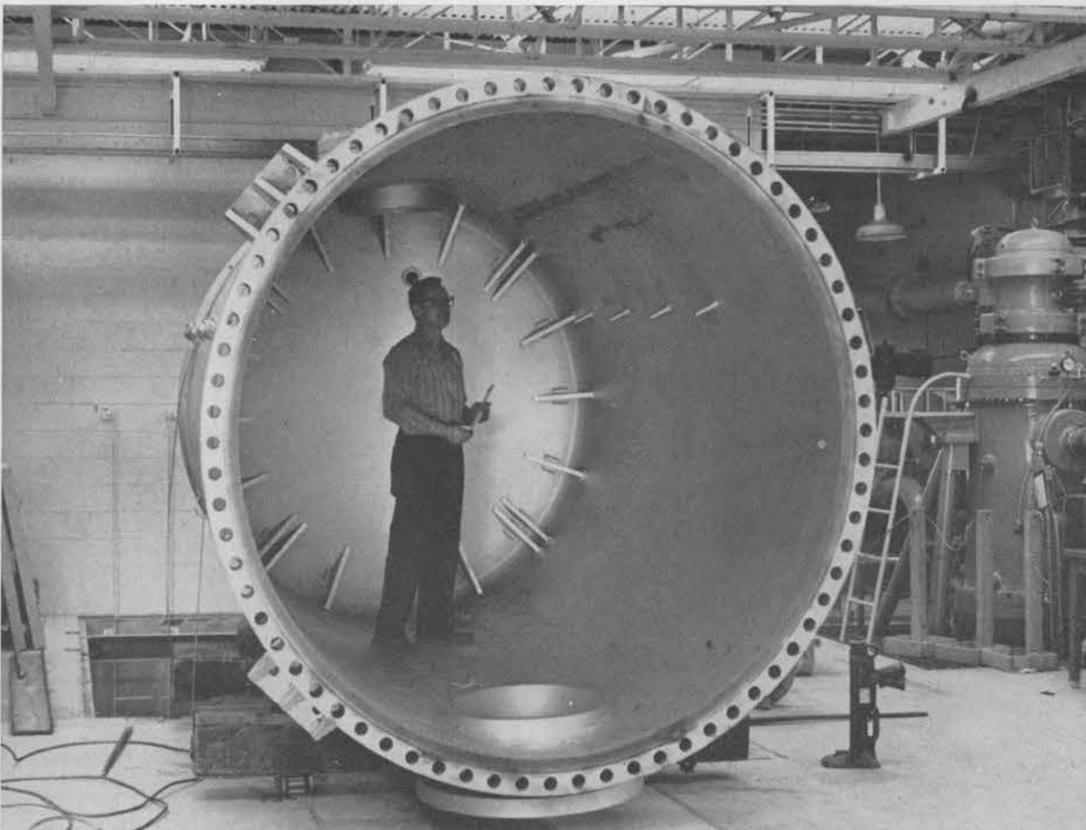
Members of the team are Joe Teague (1332), Hubert Filusch (7124), Don Lundergan (7161), Bill Hartman (7161), Joe Abbott (2421), Bob Loncharich (7134), Jim Johnson (7241), Dan Power (7241), Art McCarthy (7223), Albin Brazda (7243).

Buddy Sanchez (3464), Sonny Sanchez (3464), Jerry Williams (3462), Dick Reed (3462), Jim Brock (7322), Bruce Bauer (7322), Harry Blechinger (7323), Norris Rose (3121), Bob Workhoven (7323).

Charlie Salazar (4254), Jack Thompson (AEC), Bob Stewart (4224), Larry Tichenor (4224), Fred Wetzel (7532), Wayne Peacock (2752), Clifton Kinabrew (7534), Ray Chandler (7511) and Phil Loeper (4412).

## Sandia Laboratory Football Standings

Team	Won	Lost	Tied
1300	6	1	0
4200	5	1	0
4400	4	3	0
7300	2	4	1
3400	1	4	1
7200	1	6	0



**SHELL OF HEATER** for new hypersonic wind tunnel facility is checked by designer John C. Weydert (7133). Steel shell, 92 in. in diameter, will be up-ended into a pit and packed inside with 14 in. of insulation material. Some 25,000 lbs.

of alumina pebbles, in lower half, will be baked to 2500 degrees F. by a gas heater and the heated air stream will flow through the test section at speeds up to Mach 11. In photograph, prongs inside shell are thermocouple ports for recording temperatures.



**FRIENDLY FEUDING** between Edith Moya and Tom Garcia (both 2721) has extended through three Presidential elections. This year the two started with the usual penny-size support button and as the arguments became more heated so grew their buttons. The main thing: be sure to vote for the candidate of your choice come Nov. 8.

**Leo Gutierrez Candidate For Board of Directors Of Recreation District**

In Livermore Leo Gutierrez' name appears on the general election ballot as a candidate for the non-partisan position of member of the Board of Directors of the Livermore Recreation and Park District.

Leo has been with the Corporation since 1947, first working at Sandia Laboratory. He transferred to Livermore in 1956 and is now manager of Preliminary Design Department 8140.

In 1944 Leo received his BS degree in electrical engineering at the University of New Mexico. Three years later he obtained his MS degree from the same school.

**W. G. Jenkins Improves**

William G. Jenkins, former manager of Packaging and Stores Department at Sandia Laboratory, who was injured recently in an automobile accident in Utah, is reported recovering satisfactorily. He will soon join his son, William A. Jenkins (8233-1), in Livermore, where he will convalesce.

**Back From Service**

Warren B. Johnson (2542) has returned to his job at Sandia after two years in the Air Force.

Warren was a weather forecast-



er at Bunker Hill AFB in Indiana during most of his tour of duty. At Sandia he is a manufacturing development engineer.

**Congratulations**

**Born to:**

Mr. and Mrs. Charles R. Eisenhour (7241-3) a daughter on Sept. 30.

Mr. and Mrs. R. B. Reinman (2542) a daughter, Betsy, on Oct. 4.

Mr. and Mrs. Robert Tuffnell (4152-1) a son, Kenneth Robert, on Oct. 11. Pat formerly worked in 4152.

Mr. and Mrs. Thomas M. Bolz (4413-3) a daughter, Kelly Sue, on Oct. 6.

Mr. and Mrs. H. R. Vaughn (7131) a daughter, Joanne, on Oct. 2.

Mr. and Mrs. Don M. Johnson (8115-1) a daughter, Lois Elaine, on Oct. 11.

Mr. and Mrs. Roy Tackett (8124) a son, Baxter Glenn, on Sept. 27.

Mr. and Mrs. Alan Skinrood (8143-1) a son, Carl Allen, on Oct. 11.

Mr. and Mrs. John S. Anderson (8163-2) a daughter, Kimberly, on Sept. 17.

Mr. and Mrs. Leland Allen (1423) a daughter, Dana Yvonne, on Oct. 20.

Mr. and Mrs. Gerald A. Hickey (8121-2) a son, Michael John, on Oct. 17.

**Promotions**

Neal A. Branson (2563) to Staff Associate  
Mary Lou Marquez (3126) to Typist Clerk  
Faye C. Schouman (4411) to Draftsman  
W. Winn Erdman, Jr. (4411) to Draftsman  
Billy B. Womack (4413) to Draftsman  
Carl R. Gaugler (4413) to Draftsman  
Euell E. Knudson, Jr. (4413) to Typist  
Dale R. Anderson (8232) to Mail Clerk  
Richard W. Hill (4254) to Machinist  
William J. Costales (4254) to Machinist  
Victor E. Dailey (4254) to Machinist  
Loris J. Swearingen (3126) to Typist  
D. Janie Karels (3126) to Secretarial Steno.  
Judith L. Thompson (4423) to Typist  
Elsie M. Radwanski (4423) to Typist  
Arthur L. Pearson (8232) to Oxalid Operator  
Jessie L. Berry (8223) to Assembler  
Kathryn H. Callow (8223) to Assembler  
James R. Nickerson (8232) to Camera Operator  
Walter E. Myers (4251) to Machinist  
John M. Farner (4251) to Machinist  
William L. Gibson (4253) to Machinist  
R. F. Turnbough (4253) to Machinist  
Kathryn H. Wright (5000) to Secretary (Executive)

Marie E. Hannan (4211) to Report Clerk  
Kathleen A. Baldwin (8225) to Record Clerk  
Dorothy L. Stewart (8225) to Service Clerk  
Ernestine Mikles (8225) to Record Clerk  
Joyce A. Moore (8234) to Record Clerk  
E. D. Hollingsworth (8200) to Secretary  
Joseph A. Portolese (8224) to Admin. Clerk  
Eleanor E. Vavro (3126) to Record Clerk  
E. A. Postenrieder (2563) to Data Reduction Clerk

Adolfo E. Maes (2321) to Typist  
Stella M. Rappleyea (3431) to Admin. Clerk  
Arleen F. Mick (3420) to Secretary  
Clara M. Gearhart (7251) to Production Release Clerk

**Supervisory Lateral Transfers**  
J. W. Pinkerton from 2722-2 to 4232-3  
J. N. Timmons from 3122-2 to 3232-1  
C. R. Pogue from 4431 to 4423  
F. C. Hale from 4431-1 to 4423-2  
L. Toliver from 4423 to 4424  
A. S. Buchanan from 4423-2 to 4424-3  
W. M. O'Neill from 7530 to 1120  
R. H. Schultz from 7180 to 7320  
S. A. Moore from 7110 to 7180  
H. H. Patterson from 7230 to 7110  
A. P. Gruer from 7210 to 7530  
H. E. Viney from 7540 to 7210  
J. P. Callahan from assignment in 7541 to 2644-6  
B. E. Hickerson from 3461-1 to 3466-3  
P. D. Bishop from 3461-2 to 3466-2  
W. K. Cox from 3466-1 to 3461-1  
D. L. Harrison from 3466-2 to 3461-2  
R. C. Smelich from 3466-3 to 3466-1  
R. L. Brin from 8110 to 8160  
L. E. Davies from 8150 to 8110  
C. R. Barncord from 8160 to 8150  
E. A. Aas from 8162 to 8144  
E. F. Ingledue from 8161 to 8145  
P. W. Rowe from 8143 to 8155  
F. J. Murar from 8153 to 8165  
P. D. Gildea from 8143-1 to 8155-1  
C. M. Jones from 8143-2 to 8155-2  
W. E. Morehouse from 8162-2 to 8141-4  
R. A. Blockinger from 8162-1 to 8141-5  
J. F. Sladky from 8121-1 to 8144-1  
J. L. Wilson from 8116-3 to 8151-1  
G. C. Steinhauer from 8142-1 to 8163-1  
R. J. Tockey from 8121-3 to 8142-2  
B. E. Barker from 8141-3 to 8142-1  
W. R. Guntrum from 8153-1 to 8165-1  
G. L. Scholer from 8153-2 to 8165-2  
H. H. Wilhelm from special assignment in 7532 to 4518-1  
R. W. Male from 7253-1 to 7244-3  
F. C. Alexander, Jr. from 4181 to 4133

**Vote She Will**

Josie Baca (4315-2) might be called a determined voter — certainly a person aware of her duty as a citizen.

Josie is registered to vote in her hometown of Socorro. She plans to leave Albuquerque the night before the election, vote in Socorro when the polls open Nov. 8, then take a bus the 82 miles back to Albuquerque to report for work.

**Help Clothing Bank**

The women employees in Release Division 4423 recently discovered a \$25 surplus in their break time coffee fund. After considerable discussion they decided to put the money to good use by donating it to the PTA Clothing Bank.

**Gives Patent Talk**

Gene Newlin (6011) presented a talk last week to a seminar for electrical engineering students at the University of New Mexico. Title of the talk was "Patents and Inventions in Industry" and covered the basic patent system in industry and operation of the United States Patent Office.

**E. K. Bauer Died At Home Oct. 22**

Edward K. Bauer, who retired March 1959, died at his home Oct. 22.

Mr. Bauer had been a resident of Albuquerque for 29 years and



was employed by Sandia Corporation for seven years as an electrical instrument technician.

Burial was at Sunset Memorial Park.

Survivors include his widow, two sons—Edward M. and Alfred G. (both of whom work in 7321), a brother, two sisters and six grandchildren.

**N. T. Jones Died Oct. 13; Buried in Santa Fe Cemetery**

Nelson T. Jones, a retired Sandia Corporation employee, died Oct. 13. He was 67.

At the time of his retirement, Mr. Jones was supervisor of the Access Control and Administrative Division in Security Operations. He had been at Sandia since

August 1949.

Burial was at the National Cemetery in Santa Fe. Mr. Jones had served 33 years in the Army.

His widow survives.

**Efren Ortega Died Oct. 7; Worked at Sandia Eight Years**

Efren Ortega, a Sandia employee for eight years, died sud-



denly Oct. 7. Mr. Ortega, who was 45, was a material handler in the Motor Pool Division 4573.

Burial was at San Jose de Armiijo Cemetery in Albuquerque.

Survivors include his widow, two sons, two daughters and a sister.

**Officials Needed**

Employees interested in officiating or keeping score for basketball games are asked to contact George Banos (3122), ext. 29157.

**H. C. Biggs Named Member of New Bureau Of Standards Committee**

H. C. Biggs has been appointed by the National Bureau of Standards to membership in a newly-established NBS Advisory Committee on Calibration and Measurement Service.

This committee will serve as "a representative of a segment of industry" to provide the basis for a complete consistent system of physical measurement of national scope.

Mr. Biggs is manager of the Physical and Electrical Standards Department 2750. The department operates the laboratory that calibrates standards used by Sandia Corporation and other AEC contractors engaged in the development, manufacture, assembly and inspection of atomic weapons. He is national chairman of the General Physical Standards Section of the American Ordnance Association and is a committee member of the Standards and Measurements Division of the Instrument Society of America.

The NBS Advisory Committee will advise the Director of the National Bureau of Standards concerning the needs of industry for measurement and calibration ser-



vices and assist the director in determining the priority in the development of new standards.

**Robert F. Kail Died October 20**

Robert F. Kail, 33, a Corporation employee for six years, died



of leukemia Oct. 20.

Mr. Kail was an electrical engineer in Section 7162-1.

Survivors include his widow, two daughters, his parents, a brother and his grandfather.

Burial was in Port Washington, Ohio, the family's former home.

**Document Control Training Classes Run By Livermore Security Division**

Training classes in document control for personnel with accountability station responsibility have been initiated by the Security Division (8231) at Livermore Laboratory.

The single-meeting classes, necessitated by the recent changeover to IBM control, are designed to point up the importance of proper procedures in handling classified information, as well as to familiarize the responsible personnel with the system. The sessions are conducted by Howard Henry and Barney Goncher (both 8231-1).

The classes cover the need for accurate operation of the account-

ability station, operational control of division-level documents, procedures connected with products of the new "copy flo" reproduction system, accountability station responsibilities, and suggestions for improvement in document handling.

Comments and recommendations made during the class discussions will be analyzed for possible incorporation into current procedures.

Members of the first class were Phyllis Bell, Harriet Kenney, Elaine Clough, Judy Bryant, Ann Carlin, Shirley Wells, Margarite Mihoevitch, Joyce Henkener, Susan King, and Patricia Cooper (all 8212-5).



**SECURITY ASPECTS** of document control are discussed by Howard J. Henry (8231-1) in this Security Division training class at Livermore Lab-

oratory. Purpose of the class, and others to follow, is to familiarize the personnel assigned accountability stations with procedures under new IBM System.

**The Calendar**

- Nov. 1**  
Instrument Society of America  
Electrical Engineering Bldg., UNM  
7:30 p.m.  
Speaker: Clifford Stover (7224)  
Topic: "Miniature Thermocouple Fabrication"  
Also ISA film will be shown,  
"Principles of Frequency Response"  
For further information contact  
J. H. McCutcheon (1322), ext. 37167
- Nov. 2**  
American Society of Mechanical Engineers  
Room 115, Mitchell Hall, UNM  
7:30 p.m.  
Speaker: C. F. Herndon, Sr., Design Engineer,  
Convair Division, General Dynamics  
Topic:  
"Honeycomb Structures—Design Honeycomb"  
For further information contact  
J. P. Myers (7117), ext. 25261
- Nov. 9**  
American Society of Mechanical Engineers  
Room 115, Mitchell Hall, UNM  
7:30 p.m.  
Speaker: To be announced  
Topic: "Honeycomb Structures—  
Inspection and Nondestructive Testing"  
For further information contact  
J. P. Myers (7117), ext. 25261
- Nov. 10**  
American Welding Society  
La Placita  
Dinner: 7 p.m.  
Technical Meeting: 8 p.m.  
Speaker: W. H. McGrew  
Topic: "Welding Alloy Steels"  
For further information contact  
L. E. Null (1121), ext. 53234
- This information compiled by the Council of  
Technical and Scientific Societies.



Melvin A. Reynolds 4582 Oct. 25, 1950  
Fred S. Brooks 3242 Oct. 26, 1950



15 Years Service  
Glenn A. Fowler 7000 Nov. 1, 1945



Ray Lucero 4613 Oct. 27, 1950  
Joseph E. Eslinger 4513 Oct. 30, 1950



Burnice L. Workman 4581 Oct. 30, 1950  
Donald A. Quayle 4221 Nov. 2, 1950

10 Years Service



Hubert L. Cole 1331 Nov. 3, 1950  
Alton L. Simpson 4511 Nov. 3, 1950



Paul D. Welker 2714 Nov. 3, 1950  
Clarence Carrell 3242 Nov. 6, 1950



Stanley T. Landrih 4211 Nov. 6, 1950  
Reginald Ostlund 7532 Nov. 6, 1950



Louis G. Stewart 7532 Nov. 6, 1950  
W. R. Hoagland 7162 Nov. 7, 1950



Aaron J. Kint 4232 Nov. 7, 1950  
Oakley D. Belden 2715 Nov. 8, 1950



J. B. McCullar, Jr. 2532 Nov. 8, 1950  
Floyd M. Neff 4573 Nov. 8, 1950

5 Years Service

Oct. 29-Nov. 11

Floyd Hursh 2632, Benito Marquez 7522, Robert J. Windham 7315, C. Gutierrez 4511, Herbert R. Johnston 8123, Antonio J. Pino 4575, Elmond D. Holbrook 8123, Zilah V. Wilson 3466, George E. Tucker, Jr. 3311, Maxine D. Stephens 3126.



Laurence S. Meissen 4253 Nov. 9, 1950  
Margaret L. Reese 3321 Nov. 9, 1950

A. E. Smith to Retire From Sandia Oct. 31 After 11 Years Service

Arthur E. Smith (4231-3) will retire this month after 11 and a half years at Sandia Laboratory. For most of the period Mr. Smith was working in assembly or expediting jobs.

October 31 will really be a red letter day for the Smiths. On that date Mrs. Smith will also retire after 18 years in Civil Service. She works on Sandia Base.

The Smiths came to Albuquerque in 1942 and Mr. Smith spent the war years teaching flying. "I began flying in Amarillo in 1929, but after World War II, I gave it up completely," he said.

Now, Mr. Smith plans to spend his leisure time getting his golf game back in shape. There also is a trip to Norman, Okla., planned to see his sister and to watch a University of Oklahoma football game.

The Smiths will continue to live at 2807 Monroe NE.

Bob Dougherty Elected

The newly-elected president of the Livermore Toastmasters Club is Bob Dougherty (8141-1). Bob was installed in office Oct. 10 along with Chet Tarne (8142-1), who was elected first vice president, and Matt Oliver (8163-1), sergeant at arms.

Luis Santillanes Retiring Oct. 31

Luis Santillanes will retire Oct. 31 after seven years with Sandia in the Grounds Maintenance Section 4575-3.

Mr. Santillanes and wife plan to visit one of their sons, who is stationed at Vandenberg AFB in California, and other relatives on the West Coast. However, they will continue to make their home in Albuquerque at 737 Cordova Pl. NW.

The couple has seven children, two of whom live at home.

As for later, "Maybe a little fishing, maybe a little work," said Mr. Santillanes.

Employees Buy 463 Fire Extinguishers

Sandia Laboratory employees who purchased fire extinguishers recently in Bldg. 829 will be notified when they are ready to be picked up, according to Ted Rosenwald (4542-1). He said the fire extinguishers should arrive the second week in November.

The fire extinguishers were offered for sale at half price during Fire Prevention Week; employees purchased 463 during the week.

SHOPPING CENTER

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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

MAPLE DINING room set, 6 chairs, \$60; 36" metal folding bunk bed, \$5. Rebarchik, 11014 Snow Heights NE, AX 9-1385.  
DRILL PRESS, make offer; Skil saw; Sabre saw; chain saw; misc. new and used tools. Pliner, 6210 Bellamah NE.  
SURREY, Gym-Dandy auto type, used display model, \$40. Abbott, ext. 44266.  
20" ROTARY power mower, recoil starter, \$15. Williams, AL 6-2768.  
YOUTH BED, spindle type with springs, \$15. Foster, AX 9-6240.  
'58 BEL AIR, 4-dr., 235 hp auto. trans., power steering, R&H. Eglinton, AL 6-4189.  
PUPPIES. Strascina, ext. 48181.  
'50 FORD V-8, 2-dr., \$100 or best offer. Villa, AM 8-0568 after 5 p.m.  
17" TV, table model with stand, \$50; Westinghouse portable record player, \$20. Howe, BU 2-3337.  
TAPE RECORDER, stereophonic, and 2000' new, unused tape, \$140. Ward, AM 8-7497 after 5 p.m.  
BUTANE HEATER, automatic, blower type, complete with wall thermostat. Mann, ext. 24239.  
AMERICAN FLYER freight, passenger train, loads of track, accessories, originally cost \$250, sell for \$75. Kohut, AX 9-9092.  
VACUUM CLEANER, upright, Universal w/attachments, \$20. Sanchez, CH 7-2114.  
'55 OLDSMOBILE Holiday, 4-dr., automatic transmission, air conditioned, white, \$995. Cummings, CH 2-1061.  
30-30 SAVAGE rifle. Kirtley, AL 6-0637 after 5 p.m.  
SHASTA TRAILER, 15 ft., sleeps family of 6 or 4 adults, has 2 gas bottles, good tires. Will rent. Stixrud, DI 4-7873.  
BIKE, 20", \$7.50; RME-152A converter, \$25.00. Nogle, 11721 Clifford NE, AX 9-3863.  
'53 FORD station wagon; 12 ga. shotgun, model 12. Otero, AL 6-6597.  
YOUTH BED, complete, \$25; child's wardrobe chest, \$25; brass chimney wall lamp, \$5. Ligocki, AX 9-2906.  
BOYS 20" bike, \$10; ranch style table, 43 1/2"x33 1/2" with benches, ideal for dinette, \$22. Hart, AX 9-8832.  
'52 FORD, good transportation, 2-dr., white sidewalls, best offer. Miller, AL 6-6020 after 5:30 p.m.  
MODIFIED RACE car and trailer, track equipped Oldsmobile engine, fourth in season NMMRA standings at Speedway Park. Paschal, 419 San Pablo NE, AL 6-4118.  
TRADE EQUITY in 1960 Opel, payments \$64. Open to offers or what have you? Roane, 3525 Mary Ellen NE, AX 9-6554.  
GREEN RUG 11'x12', pad included; picket fence, 100 ft.; 3 matching mahogany tables, incl. two end tables. Norris, DI 4-8592. Will consider trade.  
'51 MERCURY, 4-dr., \$100. Pritchard, DI 4-3984.

20" BIKE, Brodie, 3-speed gears, knobby tires, hand brake, all chrome except frame. Shannon, 1328 Bryn Mawr Dr. NE, AL 6-1712.  
21" TV, Silvertone, table model with stand, \$60. Wyant, AX 8-0371.  
WINCHESTER MODEL 75 rifle, Redfield sights, sling; new "10-X" shooting jacket, size 36, make offer. Conklin, AM 8-6050.  
ACCORDION, 120 bass, 5 treble shifts, 3 bass shifts, with case and instructions, \$120; leather tooling equipment, half price. Sisson, AX 9-4217.  
BUICK Special 4-dr sedan, R&H, turn signals, back-up lights, new voltage regulator and battery, reasonable offer considered. Browning, AM 8-8260.  
CAMERA 4x5 portrait, 190mm lens f4.5 w/accessories; 4x5 Omega enlarger; DeJur enlarger w/2 1/4 3 1/4 negative holders; '55 Buick hardtop, R&H. Maxwell, AX 9-6990.  
BEIGE SECTIONAL, 3-piece curved sofa, contemporary style, \$75. Sabisch, DI 4-6185.  
BOOKCASE HEADBOARD, limed oak, with bed frames and foot, \$20. Miller, AM 8-5992.  
'59 TRIUMPH TR 3 roadster with radio, tonneau cover, heater, seat belts and boot, \$1695. Gatlin, AM 8-8151.  
SHOTGUN, RELOADING outfit, Thailson, complete for 12 gauge, will trade for rifle or pistol reloading equipment, ie press, dies, moulds. Stephenson, AX 9-3914.  
PLAY PEN, folds to go through doors, with plastic pad, \$12.50. Moery, AX 9-3630.  
3 BDR HOUSE, assume GI loan, low down payment, \$76 monthly. Chavez, AX 9-5955.  
SHOTGUN, 16 gauge Browning 5 shot automatic, matted rib, poly choke and case, \$75. Hansen, 3119 Lykes Dr. NE, AX 8-0308.  
PLAYPEN, \$5; square double deck corner table, \$5. McFall, AX 8-1552.  
'58 ENGLISH Ford Consul, \$795; speaker system three-way folded horn type, \$95. Winblad, 4413 Palo Duro NE.  
MOBILE HOME 10x50 ft., 1958 Midway 3 bedrooms, washer, dryer, air conditioner, private owner, terms, no money down. Norton Ext. 42139.  
PHILCO REFRIGERATOR with freezer top, \$40. Fine, AX 8-2484.  
FLOOR POLISHER, 1960 Sunbeam, \$30. O'Neill, DI 4-8707.  
'57 PICKUP truck, trailer hitch, Plymouth running gear, 20,000 miles, fishing rod tube, 20 mpg, \$425. Baxter, 1610 Bayita Lane NW, DI 4-7601.  
ELECTRIC RANGE, 40", automatic controls, cost \$250, sell for \$150. Glenn, 2832 Dakota NE.  
3 BDR, 2 baths, Roberson, den, fireplace, large kitchen, attached garage, large lot, less than \$18,000. Min. \$1000 down FHA. Robertson, 9909 Toltec NE, AX 8-1048.  
OLDSMOBILE Holiday 88, 4-dr. hardtop, auto. trans., PB, PS, 20,000 miles, \$1900. McHugh, AX 9-4724.  
OPERA RECORDS, 78 rpm. Chris Padilla, 2771 Charleston NE, AX 9-0460.  
'22 CAL. SPRINGFIELD M2 target rifle with new Bishop stock, detachable sling swivels, \$53. Taylor, AL 6-3774.  
DUPELX, SE Heights, 2 bdr. units, practically new, never vacant, \$19,500 total or \$4500 to original FHA loan. Petrone, AL 5-3633.  
MOBILE RIG, 10 meters, complete with transmitter, converter, TNS, antenna, mount, dynamotor, all cables and relays, \$35. Grab, AX 9-0015.  
ELECTRIC TRAINS, complete set w/50 ft. track mounted on plywood table with RR crossing, station, landscaped, \$65. Rector, AX 9-9164.

NEXT DEADLINE

FOR SHOPPING CENTER ADS Thursday Noon, Nov. 3

FIREPLACE gas log. Perea, 720 Amherst NE, AM 5-0861.  
3 BDR CUSTOM Ashcraft, 1 1/2 bath, den, fireplace, w/w carpet, sprinklers, AC, double garage, landscaped, near schools. Mortensen AM 8-3626.  
'56 KENMORE automatic washer, \$50; Frigidaire electric range, \$35. McDowell, AX 9-6222.  
'58 VOLKSWAGEN sedan, 20,000 miles, one owner, \$1350. Stuckey, AL 5-2442.  
BEDROOM SUITE, 3-pc., with mattress and springs, \$50; 7-pc. dining room suite \$100. Thomas, AL 6-2371.  
TRAIN SET, American Flyer, mounted on large table, includes track, switches, whistle, etc., \$35 complete. Sisler, AX 9-0963.  
'52 PLYMOUTH, 4-dr., R&H, dependable, \$235. Wheeler, AL 6-7284.  
DOUBLE OVEN super deluxe Kelvinator stove, completely automatic. Simonson, 2812 Rhode Island NE, AX 8-1735.  
'56 CHEVROLET 210, V-8, 4-dr. sedan, R&H, PG, tinted glass, 41,000 miles, \$750. Benson, AM 8-5597 after 5 p.m.  
GAS RANGE 38", 1955 Norge, \$65. Jones, 3204 Palomas NE, AL 5-9207.  
'58 CHEVROLET Bel Air, 4-dr. hardtop sedan, V-8, PG, 26,000 miles, \$1450. Larsen, AX 9-3496.  
DISHWASHER, portable, James, make offer. Claassen, AL 5-4347.  
3 BDR. 1 1/2 bath, electric kitchen, w/w carpet, AC, landscaped, indoor brick planter. Assume 4 1/2% GI loan. Kuck, 11516 Constitution NE, AX 9-8731.  
17" TV table model, repair or use for parts, \$20. West, AL 5-0456.  
PORTABLE TYPEWRITER, 1959 Remington, w/case, cost \$90, asking \$45; accordion, 110 bass, Italian make, w/case, books, \$85. Brown, DI 4-6831.  
MUST SELL, 3 bdr., SE Heights, sprinklers, landscaped, w/ fireplace, corner lot. Hobbs, CH 2-4745.  
VIKING VALIANT transmitter. Hansen, AM 8-0769.  
SOFA, 86" Lawson, washed zipper covers for two foam cushions shrunk; misc. maple tables; lamps; desk; chair. Smiley, AL 6-9714.  
'60 CHEVROLET Bel Air, 2-dr. sedan, 6 cyl., PG, R&H, turquoise and white, sell or trade. Workman, 1217 June NE.  
HIGH CHAIR, Petersen, folding, \$8; small 10" tricycle, \$5. Meikle, 1902 Virginia NE, AX 9-4640.  
'57 VOLKSWAGEN sunroof; living room furniture; office chair; electric coffee-maker; camel's hair sport coat; zip-lined topcoat. Schultz, AX 8-2731.  
MOBILE RECEIVER, Gonet G66B with 3-way power supply. Laskar, AX 9-1024.  
GARDEN TRACTOR with seat and equipment; Singer upholstery machine, priced reasonably. Dixon, TR 7-1692.  
WASHER-DRYER combination, Bendix, as is, \$25. Springer, AM 8-5095.  
OSCILLOSCOPE, Dumont, 5 in. CRT, \$65. Montoya, 4313 San Andres NE, DI 4-6966.  
COLLIE, like Lassie, excellent Christmas present, AKC Registered, champion blood line, \$50. Lathrop, CH 2-5607.  
IMPALA sport coupe, auto. trans., PB, large engine, \$1750. Chavez, AX 8-0674.  
'59 ALL STATE 5 hp motorcycle, will trade. Calvery, AM 5-0351.

3 BDR HOME, near Sandia Base, lawn, air-conditioned, stove, cement drive, full insulation, \$11,250, \$500 down, terms. Leslie, AX 8-2178.  
CHIHUAHUA puppy, male, 7 weeks old, pick up litter, \$25. Dunnagan, AX 9-5106.  
'55 MERCURY station wagon, 9-pass., \$750. Will take cheaper car in trade. Mullin, AL 5-9194.  
FREQUENCY METER model BC-221-AH with AC power supply, \$55; hi-fi RCA speaker model 50251, \$20. Stueber, AX 9-2414 after 5 p.m.  
'56 BUICK Roadmaster, PS, PB, WW, Dynaflo, R&H, 4-dr., \$775. Disch, AX 9-1201.  
'57 BUICK Century, AC, 2-dr. hardtop, w/w tires, \$1200; Lionel train, 2 transformers, 2 engines, complete sets, \$400 value for \$100. McWhorter, AX 8-0879 after 5 p.m.  
CAMPING equipment and four guns, bargain. Stiles, CH 2-5163.  
17" TV, Admiral console, \$45; automatic Westinghouse portable electric toaster with timing clock and cabinet, \$35; both for \$70. Plegler, AX 9-1709 after 5 p.m.  
BENDIX automatic washer, \$35; crib and mattress, natural wood finish, \$20. Bentz, AM 8-8267.  
CRAFTSMAN jigsaw with motor and stand, \$55; DeWalt radial arm saw, 10" model 925, \$165. Hull, AX 9-1279.  
'55 FORD, 6-cyl. ranch wagon, stick shift, R&H, \$650. Asbury, AM 8-3542.  
'59 RENAULT Dauphine, 4-dr. with sunroof and Michelin X tires, \$120 below book price. Shew, AL 5-0263.  
CHILD'S LARGE spring horse; RCA table radio with phono (phono needs repair); 2 loud speakers cheap. Kamboureis, AX 8-2148.  
'57 FORD country sedan, will consider trade-in, \$1195; dinette set, 5 piece, \$20; 21" TV \$45. Large, AX 9-7848.  
OR RENT \$5 per weekend hunt for Commercial Sporter; 308 custom Winchester, new, \$70; bargains in deer rifles. Butler, AX 9-5626.

WANTED

USED 22 or 24 in. boy's bike. Revels, DI 4-3033.  
HOMES FOR puppies, 5 weeks old, weaned, not large breed of dog. Maves, BU 2-3279.  
BABY SITTING in your home or mine, have references. Aberg, 6901 Zuni Rd. SE, AL 6-6540.  
RIDE FROM Lomas and Carlisle NE. Perea, AM 5-0861.  
LAYING HENS, up to 50 in production. Ross, ext. 20132.  
TWO MORE children to care for in my home, NE Heights, reasonable. Murray, AX 9-4607.  
HOMES FOR five kittens, six weeks old, part Siamese father, pure Siamese mother. Day, AL 6-6360.  
RIDERS starting from 2000 block San Mateo, along Constitution, San Pedro, Louisiana, Central, west gate parking across 801. Tapai, AM 8-0691.  
CLARINET. Nogle, AX 9-3863.  
HOMES FOR three housebroken kittens. Wayland, AX 9-6741.  
RIDE FROM 2708 Dakota NE to Bldg. 860. Ethel Lonner, AM 8-0967.  
RIDE TO Bldg. 861 from vicinity of St. Bernadette's Church on Indian School Road. Naughton, ext. 53236.  
PRESCHOOL AGE child to care for in my home, Monday thru Friday. Coffee, AX 9-5461.

FOR RENT

HOUSE for lease, furnished or unfurnished, available Nov. 15, Mossman 3 bdr., 1 1/2 baths, carpeted. Lewis, 2904 Cardenas, AL 6-7404.

3 BDR HOUSE, furnished, five minutes to work. Inquire at 8112 Kathryn, SE Gabaldon, CH 7-8484.  
LARGE 2 BDR furnished apartment, \$97.50 per month. See at 1025 B Alvarado SE or call Greenwall, AL 5-2895 for details.  
2 BDR HOUSE, 1/2 block off Rio Grande NW, clean, water paid, \$80 per month. Perea, AM 5-0861.  
2 BDR HOUSE, 7521 Arvada Ave. NE, close to Base, school, shopping centers. Vacant Nov. 15. Garcia, AX 9-8125.  
UNFURNISHED 3 bdr. home, 1 1/2 baths, large den, garage, walled backyard, close to schools, children welcome, \$110. Flinchum, 2938 Madison NE, AX 9-1355.  
3 BDR HOUSE, garage, walled backyard, air conditioned, convenient to base, rent \$115 month, under lease \$100. Reeder, AM 5-0444.  
SPACIOUS ROOM, private entrance, bath, patio, fireplace, close to Base, one or two persons. \$50 per mo., Ryan, AX 8-0841.  
ONE BEDROOM apartment, just decorated, 6724 Cochiti SE. Biggs, AX 9-4669.

LOST AND FOUND

LOST—Mahogany frame sunglasses in mahogany case; safety glasses; keys in brown leather case; man's black sweater, 6 1/2x4 1/2" notebook, tan case for glasses, gold and turquoise earring. Last and Found, ext. 26149.  
FOUND—Zippo lighter "to Lois from Bill"; silver and blue shield cufflink; black ball drop earring; copper and red earring; watchfob, silver with turquoise; 10 year SC tie clasp; Ford keys in old leather case. Last and Found, ext. 26149.

FOR SALE AT LIVERMORE

'57 GOLIATH, 5-pass. sedan, fuel injection, front-wheel drive, 40 mpg, heater, radio to install, \$325. Ward, HI 7-5720.  
'53 PONTIAC, 2-dr., can be seen at Bill's Flying "A" Station, 1412 Junction Ave., Livermore, \$249. Rindone, HI 7-4438.  
'58 MG, Magnette, 4-dr sedan, \$1,450. Sheldon, HI 7-5879.  
COVER for TR-3 sportscar, black tonneau, new, \$15. Watson, Ext. 2258.  
BOWLING SHOES, boy's, size 6 1/2, \$5. Flanagan, HI 7-5255.  
WINCHESTER rifle, Model 94, 32 special carbine, \$55. Meagher, HI 7-6237.  
'48 DE SOTO, 2-dr coupe, R&H, recently overhauled, \$35. Dawson, HI 7-1197.  
'55 MERCURY, Montclair, 4-dr. sedan, \$875 or best offer. Jost, HI 7-2769.  
'59 ENGLISH FORD, Consul, 4-dr. sedan, R&H, WW tires, red and white interior, assume monthly payments of \$66.18. Hunter, JE 8-9871 after 5:30.  
KENMORE automatic washer, recently reconditioned, new top and bottom bearings, \$50; Norge automatic washer and dryer, \$150. Henderson, HI 7-4417.  
CURVED SECTIONAL, large, 3-piece, one year old, toast brown with gold thread accent, cost \$300, sell for \$185. Year-out, Ext. 2221.  
'56 GE electric stove, single oven, Calrod unit, automatic meat thermometer, plug-in pancake grill, \$125. Franklin, HI 7-6687.  
FISHING BOAT, 15-foot, cabin, \$40. Bowman, HI 7-5537.  
3 BDR. HOUSE, 2 1/2 baths, large rumpus room, completely landscaped, covered patio, close to elementary and high school. Bonetti, HI 7-0493.

WANTED AT LIVERMORE

PIANO, used, in good condition, will pay cash. Farmer, HI 7-4407.

## E. O. Lawrence Memorial Award Pays High Honors To American Scientists

One of the country's coveted scientific honors is the Ernest Orlando Lawrence Memorial Award. Established just under a year ago—in December 1959—it honors the memory of Dr. Ernest O. Lawrence, who was Director of the Laboratory at Berkeley and Livermore, Calif., which now bears his name.

The award consists of a medal, citation and cash award. Estab-

lished under the authority of the Atomic Energy Act (Sec. 157 b), the award is presented by the Commission to one or more men or women not more than 45 years of age who are citizens of the United States and who have made recent especially meritorious contributions to the development, use or control of atomic energy in areas of all sciences related to atomic energy including medicine and engineering.

The cash payment the person or persons honored receive is not less than \$5,000 nor more than \$25,000.

The award is made by the Atomic Energy Commission upon the recommendation of its General Advisory Committee and with the approval of the President.

The first recipients of the award were announced in June 1960.

They were Dr. Harvey Brooks, Dean of Engineering and Applied Physics, Harvard University, Cambridge, Mass.

Dr. John S. Foster, Jr., Associate Director, Lawrence Radiation Laboratory, Livermore, Calif.

Dr. Isadore Perlman, Associate Director, Lawrence Radiation Laboratory, University of California, Berkeley, Calif.

Dr. Norman F. Ramsey, Jr., Associate Professor and Professor of Physics, Harvard University, Cambridge, Mass.

Dr. Alvin M. Weinberg, Director, Oak Ridge National Laboratory, Oak Ridge, Tenn.

The Lawrence Award complements the Commission's Enrico Fermi Award, which is unrestricted as to age or citizenship of the recipient. The Fermi Award authorizes a cash grant of \$50,000 and may be awarded for especially meritorious contributions to the development, use or control of atomic energy at any time in the past.

### W. H. Richardson in Advisory Capacity to Library Association

Reference Librarian William H. Richardson (3421-1) this week attended a meeting in New York City in an advisory capacity to the American Library Association.

The meeting was in connection with a continuing study of circulation control in libraries being made with the object of developing improved systems applicable to libraries of different types and sizes.

To assist in the study a group of special librarians was invited to examine the work already carried out and call attention to any omissions.

Included along with Mr. Richardson in the group were librarians from Brookhaven National Laboratory, Bell Telephone Laboratories, the Metropolitan Museum of Art, the National Library of Medicine, and other representatives of large firms and government agencies.

### Presents Paper to Texas Electrochemical Society

C. W. Jennings (1323-2) presented a paper recently at an Electrochemical Society meeting in Houston, Tex. His paper, entitled "Factors Affecting the Discharge Characteristics of Thermal Cells," was read before the Battery Division.

### H. L. Davis Places Technical Articles In Three Journals

Technical papers written by Harold L. Davis (5150) have been accepted for publication in three different journals.

"Energy Levels of a Slightly Asymmetric Top," for which the co-author was John E. Beam (also 5150), will appear in the October issue of Journal of Chemical Physics.

The Journal of Molecular Spectroscopy has accepted another tech paper by Mr. Davis for publication in a forthcoming issue. It is entitled "Perturbation Formulas for the Energy Levels of the Slightly Asymmetric Top."

The Nov. 1 issue of The Physical Review will carry an article by Mr. Davis entitled "New Method for Treating the Antiferromagnetic Ground State."

### Livermore Engineers See Films of Student San Francisco Riot

A film on the recent student demonstrations at San Francisco City Hall was shown at the Oct. 11 meeting of the American Institute of Electrical Engineers in San Francisco.

Among those present at the meeting were Clarence Loveless (8153-1) and his wife, Alyce (8114-3), Roy Blockinger (8162-1) and his wife, and Jim Ketner (7521).

Tom Fitzpatrick of the San Francisco Police Department law enforcement intelligence unit described the work of his organization and introduced the film. He told the group that San Francisco is headquarters for the 13th district of the Communist Party and is also the center for a number of subversive publications.

### Helps UF Drive

Jack R. Spence, supervisor of Traffic Division 4335, is taking an active part in Albuquerque's United Fund drive, Oct. 15-Nov. 15.

Jack is charged with contacting members of motor carriers and allied industries—both management and employees—for contributions to the annual drive.

### Safety Record Gets Another Setback As Man Fractures Hip

Sandia Laboratory's safety record dropped to zero hours last week when an employee slipped and fractured his hip. The accident occurred in a car wash area of the motor pool.

The safety record, which had climbed to 1,475,000 employee-hours without a lost time injury with this accident, has since gone back up to 245,000 employee-hours as of Wednesday, Oct. 26.

### Research Colloquium Presents Speaker From Harvard University

"The Impact of World Politics on American Technology" will be discussed by Dr. Henry A. Kissinger, Center for International Affairs, Harvard, at a Research Colloquium Friday, Nov. 4, at 9:30 a.m. in Bldg. 815.

Tickets are required for the meeting, according to Craig C. Hudson (5113), colloquium chairman.

### Sandians Help In Albuquerque UF Drive Plans

A dozen Sandians will be assisting in the downtown United Fund drive this month by helping other companies set up employee deduction plans such as that used by Sandia Laboratory for the annual ECP drive.

"Function of the team is to provide assistance in establishing payroll deduction programs for those companies who have expressed interest in employee payroll deduction plans to support the United Fund," according to coordinator W. H. Chandler (3221).

Other members of the team are F. X. Vogel (4542), J. A. Deakin (2642), S. S. Horn (4112), O. W. Graham (3211), W. A. Otero (4620), R. S. Nelson (4421), J. P. Mitchell, Jr. (3121), R. P. Hall, Jr. (3311), A. K. Wheeler (4332), C. B. O'Keefe (3428), and B. D. Neil (4212).

Similar teams are being provided by other firms in the city who already have payroll deduction plans.

### DASA General Praises Sandia Monthly Report

Praise for Sandia Corporation's monthly and quarterly reports has been offered by Brig. Gen. R. H. Harrison, Chief of Staff, Defense Atomic Support Agency, Department of Defense, Washington, D.C.

His letter to Sandia President S. P. Schwartz said, in part: "The reports have always been timely, complete and of material assistance in enabling the Defense Atomic Support Agency to meet its responsibilities to the Department of Defense and to the several services."

In recent years the monthly and quarterly reports have been the responsibility of Publications Section 3423-1.

The Livermore Laboratory portions of these reports are submitted by Publications and Public Relations Section 8233-1. Other portions are compiled from detailed reports submitted by the line organizations. Two years ago the monthly report was changed to include mainly progress on key programs and the quarterly report was started. The latter includes more detailed and background information on programs, and it has illustrations and feature articles about activities of special interest.



SINGLES WINNERS in the recently completed Sandia men's summer tennis tournament are Mort Sorensen (8121-3), left, and Ernie Alford (8223-3). Mort took first place, Ernie placed second.



FIRST PLACE in the Sandia doubles tennis tournament went to Ed Daus (8121-1), left, and Pat Gildea (8155-1). In second place were Lee Hollingsworth (8120) and Ernie Alford (8223-3).

### Plowshare Advisory Committee Meets Here to Discuss Test Safety Aspects

Members of the Plowshare Advisory Committee (PAC) met at Sandia Laboratory last week to discuss safety aspects of Plowshare Projects Gnome and Chariot. "Plowshare" is the name given to projects of applying nuclear explosions to peacetime uses.

Project Gnome is the proposed underground nuclear explosion near Carlsbad, Project Chariot is the proposed Alaskan excavation experiment.

Members of the committee are: Dr. W. R. Lovelace II, Lovelace Clinic; Dr. S. G. English, special assistant to the general manager,

U.S. Atomic Energy Commission; Willard Bascom, National Academy of Science; Dr. P. C. Rutledge, Moran, Proctor, Mueser and Rutledge, consulting engineers; Lt. Gen. J. H. Doolittle, Space Technology Laboratories, Inc.; J. S. Kelly, PAC secretary; Dr. P. H. Abelson, director, Geophysical Laboratory, Carnegie Institute; and Dr. D. H. McLaughlin, president, Homestake Mining Co.

PAC was established a year ago by AEC to advise on matters relating to peaceful uses of nuclear explosives. This was the fourth meeting of the committee.

## Sandia's Safety Record

**Sandia Laboratory HAS WORKED 245,000 MAN HOURS OR 7 DAYS WITHOUT A DISABLING INJURY**

**Livermore Laboratory HAS WORKED 3,917,000 MAN HOURS OR 1713 DAYS WITHOUT A DISABLING INJURY**



PLOWSHARE ADVISORY COMMITTEE met at Sandia Laboratory last week to discuss safety aspects of Projects Gnome and Chariot. With members of the committee above are Dr. G. W. Johnson, associate director, Lawrence Radiation Laboratory, (first man, left, first row), and C. F.

Quate, Vice President, Research, Sandia Corporation (first man, left, second row). Committee members are (1 to r, first row) Dr. W. R. Lovelace II, Dr. S. G. English, Willard Bascom and Dr. P. C. Rutledge. Second row: Lt. Gen. J. H. Doolittle, J. S. Kelly, Dr. P. H. Abelson and Dr. D. H. McLaughlin.