STEEL COVERS of scaffolding fills the inside of the goedoe dome as workmen prepare Sandia's "Sphere of Science" exhibit for the New Mexico State Fair. In the foreground are Ron George, left, Pailing Section 1313-3 supervisor, and Walter Granfield (344) on the telephone with the Relocation Division. Sandblasted material of dome appears as white background in this photograph.

Western Electric Will Install Nike Zeus Facilities in Pacific

The Army has announced that Western Electric will install and maintain test facilities for Nike Zeus missiles on Kwajelein Island as part of a Zeus test range planned for the South Pacific. The Zeus—first United States weapon designed as an anti-missile—will be tested for its ability to intercept intercontinental ballistic missiles launched from Johnston Island, 1,656 miles east of Kwajalein. In addition to the two Pacific Island sites, the new test range will also include Sandia Presents Two Tech Papers

Two technical papers by Sandia Corporation employees were presented at this week's conference on Radiation Effects of Exposure of Electronics Components to 2-Mev Electrons and Other Kinds of Radiation in New York City to the Second Conference on Radiation Effects on Semi-conductor Devices, Materials and Circuits. E. L. McAlhany (4510) presented "Installation Techniques" to the Building Trades Conference in El Paso, Tex.

D. M. Ellett Describes SERF to Albuquerque Ivy League Group

D. M. Ellett, Radiation Effects Division supervisor, will present a talk next week to the Harvard Men in Business Club of Albuquerque. He described the Sandia Engineering Reactor Facility now under construction in Area III.

The talk was presented at a luncheon meeting of the organization on Sept. 14.

SNT Picnic Sept. 20

Annual Family Picnic of the Society for Nondestructive Testing will be held Sunday, Sept. 20, from 1-5 p.m. at the Los Alamos Picnic Area. Reservations required. Contact D. W. Ballard (3241), Ext. 24548.

With the entrance of New Mexico State Police scheduled to come after the parade on Saturday morning, Sept. 26, the "Sphere of Science" display is in the midst of a final rush of construction. The geodesic dome has been erected at the fairgrounds and workmen are now placing the inside displays.

Annually by newspaper news went to press, inside the dome was a maze of steel-like metal scaffolding as the men worked on the overhead display. A huge ribbon parachute, painted midnight blue, will form a canopy hovering in the center space. Small blinking lights will contribute to the effect. Suspended from the ceiling on either side as reminders, inverted-Y-sharp bar will be a brilliantly lighted assembly of the Vanguard satellite and a simulated prototype of the planned one-man Mercury space capsule.

An elevated promenade running through the middle of the dome will give spectators an over-all view of the show and a clearer look at the overhead exhibit. Persons on the promenade will be in a position to see not only the overhead exhibit but also a series of large color transparencies depicting Sandia technical activities. A dome telephone on the promenade will offer a continuous tape-recorded message telling of Sandia Corporation's work and mission, and Sandia's part in the peaceful applications of atomic energy.

Thunderbird Theater

Behind the dome will be the "Thunderbird Theater," a 70-seat extension of the building where spectators will be offered a continuous showing of a 20-minute color film, "By Sandia Light.

A Corporation-wide effort has gone into the production of the 14 inside exhibits of the "Sphere of Science," designed and coordinat ed by the Community Relations Section, Public Relations Division. 3431. Many organizations have contributed ideas and the (Continued on Page 3).

NEW REPLACING AGREEMENT was signed this week by officials of the Albuquerque Guards Union, Local 27, International Guard of America, and Sandia Corporation employees. The new two year agreement becomes effective Oct. 1. Shown seated above are (1 to r) Jack M. Miller, Local 27 business agent; E. C. Peterson, Labor Relations Department manager, and John M. Wahlenmaier, Local 27 president. Standing are W. H. Chandler, Labor Relations Division supervisor; Marvin H. Brown, IGUA international president; and G. A. Parker, Jr., Director of Industrial Relations.

W. H. Kingsley Will Give "Hazard's Talk" To Sandian Employees

"Health Hazards of Radioactive Sources" will be discussed by W. H. Kingsley (3513) at the Sept. 21 meeting of the American Society of Health Engineers. The evening will be held from 2 to 4:30 p.m. at the Albuquerque Civic Center.

A film, "Breathe, Breathe," will also be shown. Reservations are not necessary for the movie.
Back from Military

Two men have returned to their jobs at Sandia Laboratory after recently completing military service.

David W. Bashmire, an electrical engineer in Tubes and Demolition, was on military leave of absence in Korea, Japan, and Hawaii. He returned to work after recent surgery.

Robert A. Costales returned to his job in the Central Maintenance Section 464-2 last month after working six months on pins and needles in the United States.

Several Sandians Remember Yellowstone Area Earthquake

The earthquake also had members of division 512 on pins and needles there the whereabouts of their families. The family of one co-worker posted a card from Yellowstone just before the quake, and then there was complete silence.

Finally another card arrived—this one from Denver, Colorado, where some of the family had moved into their new home at 5030 Penderosa NE.

H. L. Williams, Jr., who lived in Wyoming, the family was having a nice vacation and had not been in danger.

Moving Time

Mary Ellen (5143) and Jim Steiner (1928) spent the Labor Day weekend moving into their new home at 5030 Penderosa NE.

H. L. Williams, Jr., who lived in Wyoming, the family was having a nice vacation and had not been in danger.

Congratulations

Born to:

Mr. and Mrs. Diane Randall (5142) a daughter, Shanna Suzanne, on Aug. 27.

Mr. and Mrs. Don Grisell (5141) a son, Steven Richard, on Aug. 30.

Mr. and Mrs. Don Grisell (5141) a son, Robert Paul, on Sept. 2.

Mr. and Mrs. Ken Garrison (3132) a daughter, Catherine, on Sept. 4.

Mr. and Mrs. Roger Thorp (5252) a son, Leonard James, on Sept. 4.

Mr. and Mrs. Leo F. Brady (5253-1) a son, Stephen Leo, on Aug. 17.

Mr. and Mrs. Joaquin De Vargas (5432) a daughter, Gloria Ann, on Aug. 21.

Mr. and Mrs. H. L. Williams, Jr. (5324) a daughter, Terri Lynn, on Sept. 2.

Mr. and Mrs. J. J. Platt (5251) a son, James Martin, on Sept. 4.

Mr. and Mrs. B. E. Arthur, Jr. (5246), a son, James, on Sept. 4.

Mr. and Mrs. Lloyd Barnes (5251) a daughter, Eleanor Elaine, on Sept. 3.

Mr. and Mrs. R. M. Simmons (5434) a son, William Richard, on Aug. 27.

Sympathy

To John Melvin (5241) for the death of his father recently.

To Clarene Lowe (2732-3, Los Alamos, NM) for the recent death of her mother.

To Emily Edwards (5240) for the death of her brother-in-law in Seattle, Sept. 6.

To Virgil I. Koster (6160) for the death of his small dog, Rosamond Sept. 4.

To Nel L. Vinsen (5252) for the death of her father in Bixbee, Ariz., recently.

To Peter J. Cook (5032) for the death of his mother in El Paso, Sept. 11.

H. G. News

EDITORIALS

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The recent posthumous awarding of the Medal of Freedom to Donald Quarles has brought to light the fact that another Sandian, Henry G. Neus, also holds the high civilian honor.

Mr. Neus (7252-3, New York office) was awarded the bronze medal in 1951 for his work in establishing radio relay communication between Japan and Korea during the early stages of the Korean War. He was a civilian employee of the Department of Army, stationed with the Eighth Army Headquarters in Japan.

"I was very proud to receive the medal," Mr. Neus said, "but never quite realized its significance until I learned at later dates that I was sharing this honor along with..."

Buffet-Dance Sept. 26

Coronado Club will feature another buffett supper dance Saturday, Sept. 26. Dinner will be served from 6-8 p.m. followed by pantomimes by Don George and associated professor of business administration. Classes will be held every Wednesday evening starting Sept. 30 for a 12-week period.

For additional information or registration blanks contact Jo Hannah (2630), ext. 26132.

JUNIOR STATE archery champ ion is Bob Burbidge, Jr., son of Bob Burbidge (4415-1). The 16-year-old boy scored a total of 450 in five categories—such as antique, jake and mackerel was the result of 621 aggregate points, based on 28 field rounds. Bob, who was 16, said he has been shooting for just a year and a half and that in that time he has either won or placed second in four major tournaments.

Flying Fishing Trip

A place-hound of grouper, yellow tail and mackerel was the result of a Labor Day week-end trip to Kino Bay, Mexico, by Jack Holmes (3452), Bob Peet (5252) and Jim Berry (4543).

Jim, who has held a private pilot's license for nine years, flew the fishermen down in a Cessna-172 belonging to the Crossroads Flying Club.

The flight from Albuquerque to Hermosilla, Sonora, then to Kino was uneventful even though the landing was made on an "improved" dirt road.

Lack of accommodations and language difficulties provided an interesting stay at the beach.

A power-launch trip to Tiburon Island (Cal.) for fishing was the high point of the excursion.

Wins Bowling Trophy

Littel Mae Sanchez (4423) was presented a trophy at the end of the summer bowling season for having the most improved average in the Star Dust League.

Cynthia Davis (3126) Takes A Memo, Please

The safe driver is one whose horses are in the rear. He is greater than the horsepower under the hood.

Sandian Henry G. Neus of New York Office Holds Medal of Freedom

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The Sandia-developed nuclear cell or atomic battery will be displayed in an exhibit directed by George (Jim) Baker (1421) who is in charge of all display work being done by George Janzer (1464). A radiation effects display by Elden Hurst (5516) will illustrate the effects of radiation on plastics with samples and a molecular model.

Chemistry Display
Chemistry will be illustrated by showing two processes of chemical separation, extraction and distillation. Laboratory units filled with fluorescing liquids will be used. J. L. Ertel (1124) will direct the production of this display.

Biographical data indicates that Mrs. Hurst is an all-time favorite to be on display with an exhibit showing operation and make-up of the rocket. George Baker (1421) coordinated the display production.

A shake table display, coordinated by Elden Julius (1164), will show a model airplane mounted on a vibration table to illustrate environmental testing.

A mathematics exhibit, coordinated by Dick Hildreth (5122), will challenge the spectator to test his knowledge of mathematics by matching six formulae with verbal statements. A similar exhibit, coordinated by Ken Oravetz (5156), will offer a physics knowledge challenge. Operable displays will illustrate mechanical, electrical and optical phenomena.

Photography Exhibit R. N. Byrd has completed the preparation of a photography exhibit that will include five major sections. These will be a graphic display showing Sandia's procurement of manufactured items from parts originating all over the country. A circuit test exhibit will exhibit activities. Joe Taylor (2542) coordinated the display.

Continued from Page One

'Sphere of Science' Opening

The Sandia-developed nuclear cell or atomic battery will be displayed in an exhibit directed by George (Jim) Baker (1421). A large model of the cell will be used with a display of parts and circuitry. An exhibit coordinated by George Tucker (3361) will illustrate the background radiation by showing relative radioactivity of sands of air, water, soil, etc., on a counter. The overheard display mentioned earlier was prepared by Herb Bowen (3357) and M. J. Davis (5131). "Sandy Mobot"

On a concrete apron in the front of the dome will be Sandia's REMHI (Robots Mobile Handling) unit known as "Mobot." The device recently received national attention when it was unveiled in Los Angeles by Jack Buryd, vice president of Buryd, Inc., and later in New York in November. The Nuclear Electronics Laboratory of Hughes Aircraft Company, John L. Cole (5133) will be in charge of Sandy at the State Fair. It is hoped that this exhibit will be a contribution to the public's understanding of the work of Sandia Corporation. John Lespie, supervisor of the Community Relations Section, says, "and to offer an educational insight into science.

The 'Sphere of Science' has not been possible without the efforts of Tom Zudick (4311-2), Los Baldwin (4321), Art Hill (5131) and many others who helped with the display work."

"I think it is particularly important for the people to know that design and planning alone do not make a state Fair show. It is the process of searching for the chemicals and artisans of the Maintenance Shops, Photo Labs, Technical Access, Division and the Development Shops that make the show somehow we can all be proud of."

Tests got underway at Sanjton Sea Test Base Sept. 14 to help calibrate, through use of different kinds of radionuclides used for measuring temperature, pressure, and humidity.

Purpose of these tests is two-fold: check radionucleic tracking systems, and verify methods of computing altitudes from rawinsonde data against altitudes that are known from optical measurements made by instruments operating on a rocket system. Accurate measurement of meteorological system design capabilities will be made through an operational performance.

Copies of raw data will be available within two weeks after the tests are over to provide reduced photoduplication data from which meaningful tests within 90 days.

Although there will be no formal meetings, sessions at Bonita Sea, the field tests are expected to result in a series of papers by each participating agency assisting their own tracking systems in performance in light of their own requirements. A joint paper summarizing the results of the tests is expected later for public distribution.

Sandia takes a unique place in the meteorological instrumentation field. For example, Bob Sharp, E. D. Niper, J. J. Bailey, Charles Reed, and Cliff Bower of Instrument Development Department 5200. Supervisory Appointments

V. KEITH SMITH to supervisor of Technical Training Services Operations Section 5305-1, Project Development.

Keith has been working in one of the test project divisions since he came to Sandia three years ago. He was a field project engineer for the Mach 5 test vehicle and worked with the S1065 contractor doing tests on instrumentation facilities at Tonopah, Nev. He has been noted for his belief that designing Sandia rocket launching facilities include the Korean peninsula, Calif. (Pacific Missile Range.)

He received a BS degree in electrical engineering from the University of Idaho and is a member of the American Rocket Society, Sigma Tau, engineering honorary society.

LAWRENCE L. LAVANIER to Assistant Buyer, Materials Department 4361-1.

Lavain has worked in the Purchasing Department of the Corporation (electrical submittals) for 14 years during his two years with the Sandia Corporation. Previously, he was a systems engineer at Bendix Research and Development Corporation in Detroit for two years and was a systems engineer at Bendix Corporation in Ohio for a similar period.

From 1942-46 and again from 1945-46 he was in the U.S. Air Force. He spent two years at Massachusetts Institute of Technology working on the project "SAGE." While in service he was stationed at buildings on Cape Canaveral, Fla., and helped establish missile tracking stations off the Florida coast.

Lavain received his BA degree in business administration from the University of Cincinnati and did graduate work in marketing at the University. He is a member of the American Rocket Society.
NEW YORK AND Hollywood bound was Maxine Metz, receptionist in Bldg. 806, who won an all-expense paid trip to these cities in a recent contest. She has been "girl reporter" on TV for a week.

25 Magic Words Win Dream Journey for Maxine Metz

Twenty-five magic words have won an all-expense paid dream trip to New York City and Hollywood for Maxine Metz, receptionist in the lobby of Bldg. 806.

In a recent contest she answered the statement, "Why I would like to be the CBS girl reporter for Telenight," and was chosen to represent New Mexico. She flew to New York last Friday night, and then to California this past Wednesday by jet airplane.

Maxine is one of 51 women who were named to represent their locality at press conferences and Broadway openings. Now she's attending TV shows, luncheons, cocktail parties, press conferences and Broadway shows, along with a host of other activities.

While in New York she was scheduled to appear on the following city and programs: "The Big Payoff," "Top Dollar," and "The Verdict Is Yours." In California she planned to visit and observe the programs, "For Better or Worse" and "On The Go," and will appear on "Houseparty.

Interviews were held with Art Linkletter, Captain Karnazzo and several television executives, producers and directors. At all of the luncheons and parties in both cities, daytime TV stars were in attendance.

An excited Maxine, about to leave for her trip, was looking forward to viewing the TV programs. "It is a thrill, seeing Ray Fairbairn," having lunch at Sardi's and taking her first jet airplane ride.

Most Important Vote in City History Faces Residents Oct. 3

The City-County consolidated election scheduled for Oct. 3 probably will be the most important in the city's history. Included in the voter package will be a $21 million bond issue, election of two county commissioners and one municipal judge, a $3.9 million bond issue for a new mini-city building, proposed merger of the governments of the city of Albuquerque and Bernalillo County, and election of five directors for the Sandia Conservation District (flood control).

As an information service to Corporation employees a few of the pros and cons of the consolidation are offered here.

Q. What will be the merger affect on taxes?
A. Tax rates for county residents will rise slightly but not to the present level of city taxes. Plans call for dividing the City-County into issues or propositions in which the apportionment of taxes for benefits would be in line with the funds derived. Services such as water, sewer and garbage service, fire and police protection, public health and sanitary inspections, flood control, highways and roads, etc., will be taken into consideration.

Q. Will county residents have to assume the county bond obligation?
A. All bonded indebtedness of the city or county shall remain the responsibility of the city or county, respectively, until fully paid.

Q. What assurance can rural residents be given that the agricultural nature of this area will be preserved?
A. No one proposes to disturb proper agricultural usage of land; however, the amount of farmland that becomes more populated is it within the City-County to zone the area. Large areas of land will be preserved in their present agricultural or rural nature and protection will be given to maintain on against encroachment on these lands.

Q. Will county residents be "overly regulated" when it comes to a simple thing like building a shed on their properties?
A. County and city residents alike will "remain as they are" to have a permit before any construction can be begun. Application for a permit requires a rough drawing of the proposed construction. Building code regulations must be met, but this provides protection for the homeowner against faulty wiring and plumbing, compliance with property set-back lines, etc.

Q. Will any housing be saved through consolidation of city and county offices?
A. There will be much of a cut in number of employees and amount of office space. Total cost will probably be about the same, but better service can be anticipated. This would include better police protection, good and dependable water supplies, better sewer facilities, fire protection, building regulations, etc.

Q. How would the consolidation affect the school system?
A. There would be no change. The public school system was consolidated for the entire county several years ago and the merger has already proved highly effective and efficient.

Q. How would City-County officials be chosen?
A. The new officers of the City-County Commission would be elected by the voters of the city and county. The remainder of the administration employees would be placed under the merit system, such as that used in Albuquerque at present. A Fire-County Manager, employed by the Commission as chief executive administrative officer, would have the power to employ or discharge employees in the administrative service, appoint the director of each administration, and prepare the annual budget.

W. M. Anderson Edward Kubiak J. S. Maxon W. R. Rosenberg

SANDIA LAB NEWS
SEPTEMBER 18, 1959

Ballots for electing five directors for the Conservation District (flood control) will bear the names of four Corporation employees.

W. M. Anderson will be running as an independent, Edward Kubiak and John S. Maxon will represent the Property Owners Protective Association, and W. R. Rosenburg will be supported by Citizens for Flood Control.

Bill Anderson is supervisor of Conservation Division 272 and has been at Sandia since he was 15 years old in 1944. He has been in the Manufacturing Development Systems Engineering Organization for 15 years at Sandia, specializing in the design and manufacturing of aircraft systems. He has a BS degree in electrical engineering from Northwestern University and is a registered civil engineer. As a director Bill says, "I would thor-
Radio Operator Exams Sat., Set. Oct. 3
Examinations for all classes of Commercial, Private, Regular and Amateur General radio operator license will be held Saturday, Oct. 3, at Albuquerque High School.
The examination for Commercial licenses will begin at 11 a.m., and for Amateur Extra and General at 11 a.m.
Application forms will be forwarded to the Federal Communications Commission for the authorization.
A letter or notice indicating intention to take the examination should be included with the application form.
For further information contact Eml Merrot, K3228-1, ext. 2252.

Sandia Service Awards
TEN YEAR PINS
John P. Scott
John F. Moulton
E. L. Schellenbaum

Paul F. Koppalski
Orange W. Dixon
Homer W. Bouldin

Robert S. Reynolds

Noreen I. Smith
Leila C. Chaves
Jennie F. Smith
Charles Rettig

SPECIAL CHAMP of the Sandia Corporation employees pin is being awarded to Mrs. Nanette Garcia (5552) who was among the 256 workers gathered for the pin ceremony.

In the first week of Sandia Corporation Pig Football Association play, the championship teams of 1200-1300-1400-1500 won a decisive victory over ABC-400 by a score of 23-13.

In the other two games played last Saturday, 1900 beat 2400-4500 12 to 6, and 2500 beat 3400 12 to 6.
All football games will be played on Saturday mornings through the end of the season.

The Sandia Base Military Baseball field this season. Schedule for the next two Saturdays is:

<table>
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<th>Time</th>
<th>Team 1</th>
<th>Score</th>
<th>Team 2</th>
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<td>5500-5000</td>
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<td>3900</td>
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<td>10:45</td>
<td>4500</td>
<td>400-0</td>
<td>4500-5000</td>
</tr>
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</table>

DREYING HARD during the playoffs of the Sandia Corporation pig pong tournament is Gene Lucero (2731), left, with partner Gene Chase (2721), right, the duo defeated Maxwey Cowan (5111) and E. L. Schellenbaum (5111) in the finals for the double championship.

More than 2,000 employees of the Corporation took part in the popular noon hour pig pong recreation program.

Sandia Flag Football League Play Underway, Game Schedules Set

FOR SALE
Percussion Effects, Harry Perry, $25; other organs, no name & students; tools for old pistols; revolvers or Lugers.
Smith, A. A. 9-1034.
3 BRIN BRICK, 16" bricks, landscape, 1000 sq. ft., $1.00.
Morris, A. W. 7-32 20.
KIRK SE., 6-10-72, 7022 La Place St. NE.

FOR SALE
Classified Advertising
Deadline: Friday noon prior to week of publication unless changed by holiday.

RULES
1. Limit 25 words.
2. Must be in person or per person.
3. Must be in person to write.
4. Use home telephone numbers.
5. For Sandia Corporation and AEC employees only.
6. Include address of seller.
7. Include name and organization.

FOR SALE
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Morris, A. W. 7-32 20.
KIRK SE., 6-10-72, 7022 La Place St. NE.
S.S.T.B., Employees to Take Part in Imperial Valley United Fund Drive

Solicitation will begin Sept. 29 at Salton Sea Test Base for contributions to the Imperial Valley United Fund.

Last year 11 towns in the Imperial Valley were consolidated for United Fund drive purposes. This year more Sandian Corporation employees was relatively small because of the conditions in the area adjacent to Salton Sea which will benefit from the fund. Include: Boy Scouts, Campfire Girls, American Legion Post No. 1, Salton Services, Children’s Home Society, Children's Hospital, Hines Health Camp, Orthopedic Hospital, Salvation Army and the Y.W.C.A.

Banners will be made available to groups of 10 or more employees who have 85 per cent participation.

The fund drive will extend

**Livermore Lab Closes Summer Bowling League**

Bowling was predominate in the sports scene at Livermore Laboratory this year with presentation of tournament prizes in the summer mixed handicap leagues.

League members also voted to present a check for $156.60 to the Salton Memorial Hospital. Lee Hart, Race Director, is a member of the hospital’s board of directors. Each check is in behalf of the institution.

Trophies were presented to the team members in the summer leagues. The league began its final series on Sept. 14 and awards up to 120 for the 22 weeks of competition.

### Promotions

Donald D. Bickel (4223) to Vice President, Security, Black Hawk Office, Iowa City, Iowa.

Sherry J. Kroll (4315) to Inorganic Chemistry (D3) to Course Organizer, Interim F. Beers (5542) to Associate Professor, Chemical Engineering, University of California at Berkeley.

Robert W. Teuscher (5112) to Staff Adv., Tech.

Allan P. Kent (5231-4) to Staff Adv., Admin.

Mary T. Harrison (5114) to Staff Adv., Admin.

Casey G. Sweet (5231-4) to Staff Adv., Admin.

S. R. Haynie (5114) to Staff Member, Lloyd W. Bucy (5114) to Invoice Clerk, Inorganic Chemistry (D3) to Staff Adv., Admin.

Dorothy S. Hand (5544) to Secretarial Steno.

James M. Gray (5542) to Shop Accountant.

Helen L. Poyner (5316) to Secretarial Steno.

Evelyn B. Newton (4315) to Shop Accountant.

Dorothy F. Walls (5544) to Secretarial Steno.

V. C. Jenkins (5231-4) to Shop Accountant.

Katherine J. Montgomery (5542) to Secretarial Steno.

S. E. Case (5231) to Inorganic Chemistry (D3) to Shop Accountant.

### BANNERS WILLY fly next week at the Livermore Shred-Flint (5114-2) poses pretty with street banner.

### Three-Day Campaign to Raise $10,000

**Livermore United Crusade Drive Ready for Flying Start Monday**

Getting ready for a flying start Monday, United Bay Area Crusaders at the Livermore Laboratory have planned an all-out three-day campaign Sept. 21 through 23 to reach the $10,000 goal.

The contribution of Livermore Laboratory employees will be part of the $23,000 goal set for the city. This in turn is part of the $110,000 goal for the Bay Area.

These are root-bottom figures, according to Crusade officials. Here’s why:

In Alameda County, agencies received 5.5 per cent less in 1958 than in the previous year. This reduction, in the face of unspent budgets, meant that some agency services were canceled and that agencies had to raise even more funds from supplemental appeals.

Agency costs are constantly rising. Since 1955, local agency allocations increased only 4.5 per cent. Compare this with the Bay Area economic indices below.

**Consumer Price Index — Up 12 per cent since 1955 — Crusade agencies must pay more for rent, supplies and other services. This means agencies that were able to provide as much service per dollar as they could in 1955.**

Local Government Costs — Up 45 per cent since 1955 — The cost of government reflects services to the community. Crusade agencies also serve the entire community but are caught in the pinch of rising costs.

Business Activity — Up 26 per cent since 1955 — This reflects the general prosperity and an indication that the Bay Area is a good business in which to do business. Crusade agencies, serving companies and their employees, also make this a reality.

Population — Up 8 per cent since 1955 — The agencies are trying, to the best of their ability, to serve the growing community with less income. The inevitable result can only be less service to the community.

Livermore Laboratory employees will be asked to contribute over a 12-month period through a payroll deduction plan, starting in October. Payroll deduction cards will be given to each employee so that contributions may be made to any one of 10 organizations.

Employees who are on vacation, leave of absence or military service will be contacted upon their return to work.

The drive will support 263 health, welfare and youth agencies in the Bay Area.

### Crusade Officers

Officials of the United Crusade are: Chairman, Jim Brock (5114-2); Vice Chairman, Dick Cook (5114-2); Finance and Report Chair, Jerry I. Kline (5114-2); Audit, Vol. Peterson (5231-2).

**Crusade Agencies Include:**

- Arthur Eiffert (4320), Don Johnson (5541-3), Clyde Jones (5541-3), Bert Barker (5541-3), Bill Chalmers (5541-3), Alric Asa (5541-3), Ray Hantun (5542-3), Earl Paxton (5542-3).

**Promoters**

Livermore campaign solicitors are: Carolyn Kersey (5114-2), Ben Roach (5542-3), Eddie Berry (5542-3), Robert Bryant (5542-3), Johnny Foster (5542-3), Margaret Zumwalt (5542-3), Vincent Curran (5541-3), Regina Kemp (5541-3), Jack Chandler (5541-3), Robert Neighbors (5541-3), Max Shebl (5541-3), and Robert Probst (5541-3).

**Jean Gillette to Teach Women Executive Course At UNM Fall Semester**

"Executive Development for Business Women" will be taught by Jean Gillette (5114-2) in the University of New Mexico’s Community College this fall semester.

The course will involve discussions covering the basic principles of how to meet and communicate with other people. This includes job evaluation, job responsibilities, motivation, initiative and follow-through, human and personal management, and economic concepts in the world of business and others.

Jean, a staff assistant in General Training and Education Division, is in charge of secretarial training conferences for Sandia employees. Jean has worked in Sandia 10 years, and her background is in industrial and sales training experience and office management.

### Two Sandians to Teach at UNM Community College Fall Semester

Two Sandians will be teaching non-credit courses at the University of New Mexico’s Community College this fall. Marvin McKeeler (5541-3) will in-

C. A. Bickel

Statistics Talk Set For ASQC Meeting

The first meeting of the coming season for the All-Society for Quality Control will be held Monday, Sept. 21 at 8 p.m. in the Hospital-

H. L. G. W. Moses from 5542-2 to 5541-4

W. J. Velda

George W. Stohner (4152) to Staff Member

Larry D. Tichenor (4224) to Helper

Marvin Coon (8223) to Shop Analyst

John O’Kelly (8223) to Shop Analyst

Coon (8223) to Shop Analyst

R. F. Denton from 5542-1 to 5541-3

D. G. Palmer from 5112-2 to 5231-4

Hector

Through Nov. 12. About 135 persons

S. H. Harris

at Salton Sea Test Base will be solicited, including em-

employees of both Sandia Corporation and the Prophecy Company, according to Michele, manager of Sandia Sea Department.

Services were canceled and bids made so that Sandia employees may place their contributions on a year round basis through regular pay-

roll deductions.

### Open Offer Special Course In Speaking, Reading Of English Language

A noon-hour class in English from 12 to 1 p.m. will be offered at Sandia beginning Monday, Sept. 28, in Bldg. 833. The course will run 12 weeks, meeting on Monday, Wednesday and Fri-

day. No fee.

The course is designed for those whose primary language is not English, or for those who feel a need for English language instruction.

Employees wishing to enroll may write to Mr. W. Baird, Sandia Laboratories, Personnel Office, Bldg. 833, or by calling Ext. 6125. No text book is required for this class.

Delbert Wilder (3126), instructor of the class, is an Acting Chair of the Remedial Program in the Communications Department, State University of Iowa.

He has 10 years teaching experience in business and English, and is co-author of two books, Reading Factural Proper, and Toward Better Writing.

### Mountain Club to See Fall’s Sights In 1959 Aspencade

Beautiful fall leaves will be fullest in New Mexico Mountain Club plans for the two weeks.

On Sept. 26-27 the club will conduct its annual aspencade to gentemtica Coloma and the Silver- Milton Dollar” highway from Silver- tone to Ouray is famed for its bril-

lant aspens. The old mining town of Ouray is also on the drive. Over Dillia Divide, will also be visited. Registration may now be made with Nick Deolus (5112), trip leader, by Sept. 25.

Trip leave from Nob Hill at 8 a.m. the night of Sept. 19, club members and guests will hold a special aspencade party in the) following day Sandia Crest to U.S. 55. The party will be the group’s destination.

E. V. Roisman Dies After Brief Illness

E. V. Roisman retired last week for Elmer J. Roisum, 53, who died at his home Sept. 7 after a brief illness. Burial was in Mountain View Cemetery.

He was a staff member of the 8111 stud ever, and also for industry training ses-

sessions.

Larry has been at Sandia about a year and a half in Metallurgy Section 11. Interest in taking part in coming to Sandia he worked for ACP for two years. From 1953-56 Larry worked for Western Electric and Sylvania, becoming president and general manager of the firm in 1954.

He has also worked for the University of California as an instructor, and is now supervisor, and for several other welding firms.

No job is so important and no service is so urgent that we cannot take time to per-

form our work safely.