P. R. Brousse Retires from WE; H. G. Mehlhouse Named to Post

Harvey G. Mehlhouse, Western Electric Company executive vice president, was named last week to fill the position of P. R. Brousse, who will retire as a WE executive vice president Aug. 31. In his new position, Mr. Mehlhouse will be responsible for manufacturing, personnel and administration activities and will be a member of the executive committee.

In related moves, Philip E. Hugin, vice president, manufacturing, was named executive vice president to fill Mr. Mehlhouse's former position. Mr. Hugin will direct corporate staff activities, including finance, purchasing and transportation, personnel and public relations.

Paul Zweier, general manager, Columbus Works, was named as Mr. Hugin's replacement.

Mr. Mehlhouse, who was superintendent at Sandia in 1950-51, began his WE career in 1939 as an engineer at the Hawthorne Works. He worked at Bell Labs, Hawthorne and Sandia before returning to WE as assistant works manager at Kearny in 1955. After a year as works manager at Merrimack Valley, he was elected a vice president in 1957 and executive vice president in 1963. He is a member of the Sandia Corporation board of directors.

Mr. Hugin began his career in 1942 as an assistant engineer at Kearny. After a

(Continued on Page Two)

350 Tests Conducted This Year

The 9'/2-foot-long projectile trailing a nylon cable, telemetry transmitter and deployed parachute streaked earthward from the helicopter to impact in the designated target area on a tree-rimmed Texas field.

The field test was one of hundreds conducted by Terradynamics Division 9327 over the past few years in pioneering soil penetration studies.

Impacting at velocities from 100 to more than 1000 feet per second, the projectiles have buried 13 feet into rock in excess of 100 feet, through 75 feet of moist, plastic-like clay such as that found in College Station, Texas. The division has conducted some form of the desired type of earth material. The division has conducted some form of the desired type of earth material. The division has conducted some form of the desired type of earth material. The division has conducted some form of the desired type of earth material.

The field of study is so new that there was no word to describe it until Sandia coined the term "terradynamics." W. N. Cudle, supervisor of Division 9327, notes that terradynamics can be likened to aerodynamics. However, instead of dealing with the relationships of a vehicle to atmospheric environment, the dynamics is concerned with the "flow" and resistance of various earth materials to penetrating vehicles.

Because natural earth material formations have not been duplicated in the laboratory, the penetration studies involve field tests in areas where there is a natural formation of the desired type of earth material. The division has conducted some form of the desired type of earth material.

The tests involved dropping two 100-pound vehicles from a helicopter flying 4000 feet above ground level to obtain a desired 15-foot penetration. Instead of pointed ballistic shapes, flat-nosed vehicles were used to emphasize soil changes caused by penetration.

A radio transmitter, suspended on a 50-foot nylon cable that extended from the vehicle to a four-foot diameter chute, sent deceleration, velocity and other data from the electronically instrumented projectile during penetration. Associated ground equipment received and recorded the transmitted data for analysis. Both vehicles impacted in the target areas and burrowed to the measured penetration depth. Recovery operations required extensive care. A vertical slice was made in the soil along one side of each vehicle. The resulting 10-foot deep holes were then used as staging areas for photogrammetry and studying soil deformations.

"Soil points"—compacted earth material at the tip of the buried projectiles—were carefully cut out, bisected to the surface and coated with wax to preserve them for laboratory examination. Penetration data are useful to various Sandia programs. One example of possible use is in the SNAP (Systems for Nuclear Auxiliary Power) Program. Under this program, Sandia investigations and estimates features of nuclear power systems.

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Editorial Comment

Next Tuesday, Sandia will initiate a continuous program of diabetes disease awareness week, a three-day series of events.

The program is voluntary. Some employees may pass up the opportunity with the attitude of “what I don’t know won’t hurt me.” But with diabetes, it’s the knowing, the early detection, that can be critically significant.

With proper care and treatment in its early stages, diabetes may be a nuisance but need not be crippling or fatal.

When you receive your questionnaire and notification for a test (about 600 employees will be contacted each month), we urge you to participate.

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Pioneering New Terrodynamics Field

for use in space vehicles. Self-burial of these fuel sources after re-entry into the earth’s atmosphere is a potential disposal method.

Little was known about the physical processes involved in earth penetration when Sandia first started the studies in the mid-1940’s due to the direction of A. Y. Pope (1930). Since then, the Terradynamics Division has amassed what is probably the largest amount of earth penetration data in existence.

By using an empirical penetration equation developed by C. Wayne Young (1937) in terms of total penetration depth, extended over complete parameters, the group has been able to calculate penetration depths. Data obtained from 92 percent of the tests match obtained from Wayne’s equation with a deviation of less than 10 percent, which is close—considering the non-homogeneity of soils, stratigraphic judgment, such as the type of soil, aids in refining the equation that uses 11 different earth materials from soft-saturated soils through sandstone. It also includes a more performance coefficient.

Wayne is project engineer on the development of low velocity penetrators, large projectiles impacting at 2000 feet per second or less. Usually they penetrate less than 15 feet.

Fundamental research on the physical processes involved in the resistance of earth material to projectile penetration is the concern of John L. Culp, W. J. Patterson concentrates on penetration of natural rock formations and reinforced concrete. Perry R. Wiles, Jr. develops the test plans, including release conditions and trajectory. He also administers the group’s contracts with outside consultants and institutions.

K. N. Villeta provides mechanical support for the various tests.

Continued From Page One

WE Appoints

two-year hitch as a Naval officer, he returned to a succession of manufacturing jobs—planning and directing projects in Illinois, New York and North Carolina, he worked on civil operations at Merrimack, Valley, at Hawthorne and at Columbus, where he rose from assistant superintendent, production engineering, to general manager in 1961.

OFFICIALS of Monsanto Company and Monsanto Research Corporation visited Sandia Laboratory recently for technical briefings. From left are R. W. Henderson, vice president 2220; Charles W. Summum, president of Monsanto Company, and Howard K. Nixon, president, Monsanto Research Corporation. Monsanto, headquartered in St. Louis, is a prime contractor of the AEC.

Economics to ‘Virginia Woolf’ Found In Special WE Management Course

The two cartons were heavy — 88 pounds to be exact — and they were full of books and notebooks. The titles covered a wide range of subjects: “The Federalist Papers,” “The Affluent Society,” “Macbeth,” “Who’s Afraid of Virginia Wool?” Really, not a word one would expect as textbooks for a management training course.

The books belong to Robert J. Blount, manager, Employee Benefits and Services Department 3210, who was the first Sandian selected to attend Western Electric Management Training Program. Considered one of the most advanced courses in industry, some 262 WE employees have graduated from the program, which includes philosophy, sociology, literature, science and other obvious subjects appropriate for today’s business manager.

“The make surprise,” Bob says, “was finding that there was so much coverage on both personal business and social problems, not just those directly related to WE’s operations.”

Differences, such as differences, within a short time the men discovered similarities in both their business problems and social situations. That was understandable since the men were all about the same age — and, through careful management screening, comprised a “select group of high-potential men.”

The attendees, even those whose homes were not on the coasts, spent a considerable portion of time at St. Louis, lived for the 2-week period at the Downtown Athletic Club. It was a 15-minute walk from WE headquarters at 222 Broadway where most training sessions were conducted.

“Our classes were scheduled during normal office hours plus a few night sessions. In addition there were some Saturday classes and we disregarded all holidays which fell during the training period. There were about four hours of reading or specific assignments almost every night,” Bob recalls.

He found it a lot tougher than he expected to go from a work environment to one of study. “Fortunately, the staff usually found what was coming, so it was possible to pace yourself and gauge the time required to complete certain readings or study problems,” he says.

Western Electric vice presidents were frequent luncheon guests.

Bob speaks highly of the quality of consultants and instructors of and of the discussions with training leaders which provided a two-way channel for commenting on the program’s content.

The entire class enjoyed a Foreign Affairs Week, conducted in New York City by the Foreign Policy Association, the Sandian recalls. “We received a good updating on foreign affairs by people who have been in the field.” The keynote speaker was Prof. John G. Blum, who had been teaching political science at Columbia University but now has moved to the UN Headquarters.

A week in Washington, D.C., for a first-hand look at government resulted in what Bob calls “a lot of understanding of the problems of bureaucracy.”

As to “Who’s Afraid of Virginia Woolf?” and “Macbeth,” they were among the reading assignments for the 15 sessions of Reading for Leadership, designed to broaden the scope of participants’ interest.

Each session a different member led a discussion which usually revealed 14 different viewpoints. “A couple of us cheated a little by seeing the ‘Virginia Woolf’ movie as well as reading the play,” Bob admits, “and it turned out the two were almost identical.”

There was also a three-day cressity-problem solving workshop, the same general idea as Western Electric’s training workshops.

While the trainees from nearby areas went home for the weekend (if the individual didn’t feel the instruction would hamper his study), five of the men remained in Manhattan. “We played squash,” Bob says, “we were in Central Park, saw movies, and generally caught our breath. The most difficult thing was trying to find an eating place open Sunday morning in lower Manhattan.”

Meanwhile on the home front. Mrs. Blount and their three children, ages 7, 9 and 11, were getting along as well, but possible, the last month the children became pretty anxious about Dad coming home.
Three Sandia Papers Presented in Canada

Several Sandians participated in the International Conference on Military Applications of Blast Simulators held at Salford Experimental Station in Dalton, Alberta, Canada, July 18-21.

At the general meeting, W. T. Ashhurst (8116) presented "Blast Testing of Aero-Structures Using Explosive Driven Shock Tubes." The paper was co-authored with R. H. Schultz (8124), H. M. Stuecki (8169) and A. N. Blackwell (8113). During the workshop session on the final day of the conference, P. R. Mathews (8108) presented "Characteristics of Several Concentrated Charge Explosive Driving Shock Tubes" and L. W. Biddle (7411) presented "Calibration of the Sandia Concentrated Charge 280-foot Explosive Driven Shock Tube."

Dr. Max W. Blyes, consultant physician for SCLL and director of medical services at LLNL, has been certified by the American Board of Preventive Medicine as a medical specialist in occupational medicine. The Board passes on the qualifications of members of the medical profession for certification in four specialty areas—occupational, preventive, and aviation medicine and public health.

There is a sale in a new series of foreign and American films. Sponsored by the Lawrence Radiation Laboratory Recreation Association Film Society for LRL and Sandia employees and members of their immediate families, the series began July 12.

The 12 films will be shown on alternate Thursdays at 8 p.m. In the LRL Auditorium Building 117, short subjects will be shown with each movie. All foreign language films have English subtitles.

Tickets (at $3 per person for the entire series) are available from the LRL Personnel Services, Pat Jordan, ext. 7052.

L. H. Haakon of Applied Mechanics Division II 8147, is the author of an article which appeared in the June 1967 issue of the LINCOLN LAW REVIEW published by Lincoln University, San Francisco. The article is entitled "The Reverse Land Valuation Problem: Resisting from Industrial to Residential in Alamosa County."

Roy J. Wilcox (8520-3) has been elected to a two-year term as one of four state trustees for the Pratranial Order of Eagles. He has held all elective offices in the Livermore Eagle lodge, and is presently serving his second term as a local trustee.

Several faculty members and graduate students are working at Livermore Laboratory this summer. The SANDIA LAB NEWS interviewed five of these summer hires about their plans for this fall and if their experiences at Sandia were proving to be valuable.

William J. Sprague
An electronics teacher and chairman for the technology area at Livermore High School, assigned to Electronic Fabrication Division 8223.

"I'll be returning to teaching in the fall. My Sandia summer employment in the printed circuit lab and other fabrication areas definitely is a great experience and opportunity to see some of the practical industrial operations that go on. It will be my responsibility to translate that experience so that there can be some carry-over from the work that I've done here into the technical education at the local high school."

Frank S. Felicione
A student at the University of California at Berkeley with a Master's degree in mechanical engineering, assigned to Project Engineering Division 8158.

"I'm returning to Cal-Berkeley this fall to work on my PhD in mechanical engineering. My work here at Sandia involves that thing I like to do — thermo analysis. This is the type of work I'd enjoy doing in the future, and I feel the experience here will help me — give me a know-how approach to a practical problem as opposed to a book-type problem."

R. D. Knebel
A graduate of Massachusetts Institute of Technology with a Bachelors' degree in electrical engineering, assigned to Telemetry and Data Systems Division of Cosmic Ray Laboratory.

"I'm going to Stanford this fall to work on my Master's degree in electrical engineering. I had planned to stay at MIT next year, but during the Christmas vacation, while at home in Alaska, I went out for a test flight — and applied for graduate school. I like this type of work; it's the type of work I'd enjoy doing in the future."

William A. Phillips
A student at the University of Colorado working toward a second Master's degree in applied mathematics, holds a Master's degree from Texas A&M in mechanical engineering, taught at Texas A&M Institute of Electrician Engineering for four years. Assigned to Applied Mechanics Division 8116.

"I'll be returning to the University of Colorado to get my Master's in applied math. This is my second summer at Sandia. From last year's experience and what I've been working on so far this summer, it's easier to relate theory to practical application — I'm in heat transfer application. As a student, I always have the problem of too little money, so summer work helps monetarily.

JAMES N. BOO-<BR>HRUS to supervisor of Numerical Applications Division 8114, effective Aug. 1. Since joining Liver-<BR>more Laboratory in April 1961 in the Reliability and Computation Division, Jim has worked in mathematics organizations where he has been responsible for engineering computations support. He has also been involved with numerical control application and most recently with trajectory and aerodynamic heating problems.

Before coming to Sandia, Jim was employed from 1957-61 by the General Electric Company in Cleveland, Ohio. He received his MS degree in mathematics from the University of Wisconsin in 1957. He earned his AB degree in mathematics from Butler University, Indianapolis, in 1956.

Jim served two years, 1951-53, with the U. S. Army in Korea. He is a member of the Society for Industry and Applied Mathematics and the Association for Computing Machinery.

Welcome . . . Newcomers

The board of directors of the Livermore Recreation Association Film Society held its organizational meeting Tuesday evening to begin preparations for the 1967-68 season of movies for LRL and Sandia employees and members of their immediate families.

The regular season opens Oct. 13 with the 1957 heavyweight middleweight world championship boxing between Rocky Marciano and Jersey Joe Walcott. The movie showings will be every second Thursday at 7:30 in the auditorium of the Livermore High School.

Tickets are on sale for the three Remaining movies of the summer series, and tickets for the first two programs of the fall season are available for purchase.

SCLL Bronze Medal:
A Sandia Labs employee has been given the Sandia Laboratory Civilian (SCLL) Bronze Medal for his work on a project of national importance.

The SCLL Bronze Medal is awarded by the Sandia Management Committee to an employee of Sandia Laboratory who has shown outstanding leadership or performed outstanding work in the performance of the duties of his job.

The award was made to John T. Donnell, a member of the Technical Staff of Sandia Laboratory, for his work on a project of national importance.

Congratulations to Jim McNamara (8241) for the death of his sister June 28 in a Chicago, Ill. hospital.

To Joyce Willard (8255) for the death of her father in Sebastopol, July 10.

At Livermore Laboratory

Several faculty members and graduate students are working at Livermore Laboratory this summer. The SANDIA LAB NEWS interviewed five of these summer hires about their plans for this fall and if their experiences at Sandia were proving to be valuable.

James W. Lucke
A student and teaching assistant at the University of California at Berkeley, holds a Bachelor's degree in mechanical engineering from UC-Berkeley, working toward a Master's degree in mechanical engineering. Assigned to Electrical Subsystems Division 8115.

"I'll be finishing up my Master's degree in mechanical engineering and should probably graduate in the fall for my PhD. I think working here this summer will be a real opportunity for me. I'm in a predominantly electrical engineering group, and it's given me a little different viewpoint — also some lab experience which I need and enjoy. In mechanical engineering I've been involved in experimental mechanics which is, in ways, quite similar to what they're doing in this group.

William A. Phillips
A student at the University of Colorado working toward a second Master's degree in applied mathematics, holds a Master's degree from Texas A&M in mechanical engineering, taught at Texas A&M Institute of Electrician Engineering for four years. Assigned to Applied Mechanics Division 8116.

"I'll be returning to the University of Colorado to get my Master's in applied math. This is my second summer at Sandia. From last year's experience and what I've been working on so far this summer, it's easier to relate theory to practical application — I'm in heat transfer application. As a student, I always have the problem of too little money, so summer work helps monetarily."

Richard F. Kohler
A graduate of Massachusetts Institute of Technology with a Bachelors' degree in electrical engineering, assigned to Telemetry and Data Systems Division of Cosmic Ray Laboratory.

"I'm going to Stanford this fall to work on my Master's degree in electrical engineering. I had planned to stay at MIT next year, but during the Christmas vacation, while at home in Alaska, I went out for a test flight — and applied for graduate school. I like this type of work; it's the type of work I'd enjoy doing in the future."

Beth A. Williams (8324)
Take a Memo, Please
When on the highway, always expect the unexpected. Drive defensively!
Certified Professional Secretary
Rating Earned by Esther Coffman

Esther Coffman, secretary to Senior Director F. A. Benton (4373), last week she had become Certified Professional Secretary.

She was the Sandia woman (currently on roll) to attain this rating which is one of the highest honors available in the secretarial profession.

To qualify for the certification, the secretaries must successfully complete all six parts of the CPE examination. The subjects include personal adjustment, and human relations, business law, business administration, secretarial procedures, and secretarial skills.

This year 311 secretaries throughout the country were certified.

Esther joined Sandia six years ago as a service desk in Division 4373. A year later she became secretary to Mr. Benton. "I enjoy studying and have taken an extra-hour course every year," she says. "I think they're great!" She has taken technical writing, English composition, and shorthand refresher courses this fall.

At age 45 Esther read about the CPE program (in the SANDIA LAB NEWS) and added courses in business administration and accounting at the University of New Mexico to her personal training program.

"I find there are a lot of benefits from studying which show up in your own work and attitudes," she adds.

Esther had two years of college, graduated from a small school, and had secretarial experience, but all this was before she came to Sandia in 1961.

"She married and had four children. When I came to Sandia in September, 1961, I entered in the secretarial profession.

"My first job was to enroll in one of the computer courses and shorthand refresher course.

"Later I specialized in handmade frames and woodworking."

The three-day meeting was held at the State Louisiana University in Leland岭s. Fred Bently (4373), and his mother, Mrs. Ruby Mullin (4373) and her husband, specialists in handmade frames and woodworking.

Booths 59 and 60 will be occupied by O. Roy Mullin (4373) and his mother, Mrs. Ruby Mullin. Roy has wrought-iron sculpture of such subjects as rams, sheep, and an arched structure. Mrs. Mullin paints in oils and watercolours.

The Romero Street Gallery will feature booths in its patio. Displaying watercolors of southwestern scenes will be E. R. S. Price and Tudor A. Marks (both 3465). Tutaw will also show a few oil portraits of Indians.

In recent years more than 150,000 persons have attended this popular fair. There is no admission charge.

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SANDIA LAB NEWS

Atomic Collision Papers Presented in Leningrad

Two Sandia papers were given during the Fifth International Conference on Physics of Electronic and Atomic Collisions, held July 17-23 in Leningrad.

J. M. Peek presented "Equivalence of the Bremssung Approximation to the High Energy Limit of the Coulomb Potential" and T. A. Green presented "First Born Approximation Cross Sections for the Reactions B + He and B + He with Atomic Collisions with He." (Mr. Peek was co-author.)

Both men are assigned to Atomic and Molecular Research Division 3121 and are currently quite concerned with the theory of scattering of atomic and molecular systems. Their papers concern are in the same general area, their emphasis is different, however, in low energies while Mr. Peek is working with high energies and elastics.

The conference was sponsored by the Ioffe Physical Technical Institute and was the seventh conference of the IUSRS. Previous conferences have been held in London, Quebec, and Boulder, Co. The meetings were held in the Palace of Culture with both Russian and English being used.

Activities planned for conference participants included visits to the Hermitage Museum of Art, and the Russian Museum (which contains the best collections of Russian art) and tours to the suburbs of Leningrad and the parks and fountains at Petrodvorots.

Fred Eichert Returns from Impressions of Russian Life

Among the exhibits was a 35-foot political map of the world on glass. By pressing a series of knobs visitors were illuminated in red, Western Europe, the U.S., etc., in white; recently nationalized circuits are blue. The guide commented that such maps are in the USSR and are at present highly requested.

An educational display on standardization was featured. The guide commented that the U.S. is currently quite concerned with quality. Under a system adopted last year, a product which is completely certified with a "quality" trademark ("CCCP") can be distinguished in shops and is sometimes considered to be of a premium quality.

The relatively slow pace and friendliness of the Russian people in the city and the poor quality of available merchandise made a lasting impression on Fred. The people, he says, seem to have more manners and are more sensitive than we are. In contrast, the technical people at the conference were well dressed, enthusiastic and energetic.

"I was so poor in Moscow," Fred says, "that usually took two or three hours to get anything done and even to get a meal in the hotel dining room, or, in some cases, a drink, was going to be served. Waiters, waitresses and clerks didn't seem to feel they had to talk to the customer or selling any merchanids. They were more concerned about getting the work done. ISO conferences were well planned and organized. Under the circumstances they did a good job.

Mrs. Eichert had an opportunity to chat with a Russian woman working on an international standardization program sponsored by the wives of the "Co-operative Movement." Russian Factory women are allowed just three days for maternity leave. One of the Russian women commented that the Russian woman finds most difficult to wait preparing more meals (especially for children) when the factory is which apparently is not unusual, eight families live under one roof and have very few "luxury" apartments have communal kitchens and no immediate source of water.

While they have received no news about the lost suitcase, Fred and Mrs. Eichert are delighted to be back home, consuming the memories of the trip, appreciating the tranquility and the scenery and knowing that they enjoyed a good vacation. resistor
IEEE Appoints Two Sandians to Radiation Effects Committee

Two Sandians have been named to positions on the Radiation Effects Committee of the Institute of Electrical and Electronics Engineers.

A. W. Walker, manager of Applied Radiation Science Department 5220, was named chairman of the group and will automatically serve on the executive committee of the IEERE Group on Nuclear Radiation. The term of office is for two years.

The new secretary for the Radiation Effects Committee is F. N. Copage of Physics and Technology Division 1413.

The appointments were made during the recent 1967 Annual Conference on Nuclear Space Effects. Radiation, held in Colorado Springs, and are recognition of the contributions of Sandia Laboratory’s contributions in this field.

Welcome... Newcomers

Albuquerque

20 Jul. 70


29 Jul. 70

Coronado Club Annual Meeting Set Aug. 7; Will Elect Six New Directors

Annual meeting of the membership of the Coronado Club and election of new board members will be held in the Club ballroom at 8 p.m. Monday, Aug. 7.

Nominations for the six open directorships are J. V. Duranti (ABC), G. O. Moe (5542), H. W. Mottern (2211), D. M. Olson (1350), R. D. Taylor (8259) and W. G. Weid- becker (4330).

Voting will be accepted from the floor at the meeting. Refreshments will be served.

August Moon Ball

One of the highlights of the Coronado Club August calendar of events will be the semi-formal August Moon Ball Saturday, Aug. 12. Social hour will feature a wine toast with a variety of vintages. Prime rib of beef will be served for dinner.

Dancing to Don Leasum's band will start at 9 p.m. Cost to members is $3.25, guests $3.75. Tickets must be picked up at the Club office by 2 p.m. Friday, Aug. 11.

Social Hours

Tonight, the chuckwagon beef and chicken buffet will be spread. The Rhythm Masters will play for dancing. The buffet costs $1.50 for adults, $1.00 for children.

On Friday, Aug. 4, the popular Polish food buffet will be featured. Elaine Harris will play the polkas while Pat Rohr and piano will entertain in the main lounge.

Mexican food will be featured for the Friday, Aug. 11, social hour buffet. Don Leasum will be on the bandstand. Cost to members is $1.50, kids $1.25. Pat Rohr will be in the main lounge.

Bridge

The duplicate bridge group will meet Monday, July 31, at 7 p.m. ACF bridge tournament starts at 9 p.m. Cost to members is $1.50, guests $1.75.

Noon Hour Music

Spontaneous background music during the lunch hours at the Coronado Club is being provided "lively" three days each week by Taylor Col- lins of Don Sheets Music Co. The organ music has proved popular with the diners.

Swim Team Wins

The Coronado Club swim team swept the recent AAU-sanctioned Albuquerque Youth Development Swimming Meet held at Rio Grande pool. The Coronado kids compiled 525 points, winning by a wide margin over the second place Socorro team which scored 427. The Menaul Tank Tigers ranked third with 373; Heights YMCA fourth with 248. The Sandia ARAP team scored 117, Los Alamos 106, and Alamog- oro 78.

Two swimmers for Coronado were Becki Ahlbehr, Greg Borey and Denise Flieger.

LINDA JOHNSON (1216) models a new style during a recent fashion show.

FASHION COORDINATOR Sandi Reger (left), a former Miss New Mexico, discusses style fashions with model Dorothy Jordan (1318). Another show set Aug. 14.

Sandia Safety Signals

Use Rubber Mat In Shower

Both tub and shower stalls are slippery. Use suction-type bath mats or non-slip adhesive strips for solid footing. Install wall-mounted grab bars or hand rails to prevent slipping and falling against the shower door or tub enclosure.

Daydreaming - Inattention

How far does your car travel in 5 seconds at a speed of 40 to 50 miles per hour? About the length of a football field! What if you closed your eyes and let go of the wheel for that long? When driving, there's little sensa- tion of speed, but we can't afford to look away.

Be Sure It's The Door

Many persons have been injured by walking through the fixed glass panel next to a sliding glass door. To prevent a glass panel from being mistaken for an open door, use decals or pressure tape, or place a fairly tall (about three feet) potted plant or planter in front of the panel.