

Albuquerque High School Science Teachers Will Attend Sandia Laboratory Seminar

Twenty-two Sandia Laboratory employees will exchange places with high school science teachers Mar. 20. The Sandians will teach classes while the teachers attend a science seminar at Sandia.

The seminar will feature other Sandians who will present information on technological advances. The seminar was arranged by William H. Bailey of Technical and Trades Training Division 3132. Program chairman for the seminar is Frank P. Hudson, manager of Physical Sciences Research Department 5150.

"For several years," Mr. Bailey says, "Technical and Trades Training Division has been assisting the Albuquerque school system in promoting interest in science among high school students. The specific purpose of the science seminar for teachers is to

acquaint them with industrial and research applications of the subject matter being taught and to provide specific examples of problems and laboratory experiments that can be taken back to enrich classroom presentations."

Seminar speakers and subjects are as follows:

Molecular Structure, Kathryn E. Lawson (5151); Polymers, Irving Auerbach (5151); Radiation Effects, C. Ballard Pierce (5151); Nuclear Physics, Ronald I. Ewing (5152); Plasma Physics, John R. Banister (5153); and Geophysics, Wendell D. Weart (5112).

Teaching physics classes in Albuquerque high schools will be Warren E. Taylor (2411), Herman S. Levine (5153), Alfred E. Winblad (1322), Richard D. Jones (7223), Albert Goodman (1124),

Albert T. Fromhold (5151), Bruce Van Domelen (7223), and George E. Harwood (3311).

Teaching chemistry classes will be William B. Benedick (5133), Albert R. Elwell (7223), and Bruno Morosin (5151), Ben K. Seeley (1122), Joseph P. Burger (5313), Bernard T. Kenna (1122), Robert G. Elsbrock (3311), James R. Brathovde (5151), Mary G. Mayes (5314), Kent H. Jones (5314).

William J. Meikle (1311), David H. Anderson (5132), Charles W. Jennings (1124), and Asher D. Kantz (5314).

While at Sandia, the teachers will also tour laboratories in Bldg. 803, 805, and 806. Directing these tours will be Frederick L. Vook (5314) in Bldg. 803, Ralph E. Fisher (1122) in Bldg. 805, and Ronald I. Ewing (5152) in Bldg. 806.



STIFF LATCHING LEVER is checked by locksmith Bill Shively (4513-1) during regular check of Sandia Laboratory safes. Bernice Vigil of the General Attorney's office will also have Bill answer any questions she has about operation of the combination dials.

Experts at Opening Safes Tell Us How to Keep Them Securely Locked

A stiff combination dial or a sluggish latching lever can be as much a security hazard as a safe left open. To pinpoint problems such as these, combination safes throughout the Corporation are being checked office-by-office.

At Sandia Laboratory Bill Shively and Gus Apodaca of Carpentry and Cabinet Section 4513-1 are making the inspection. They have expressed hope that persons who have any questions or problems regarding operation of safes will discuss the matter with them.

There are over 2000 safes at Sandia Lab. It's hard to determine any mechanical malfunction until the trouble occurs. Some of the safes were made during World War II and are still okay, some others are only a year old and need attention. Hard treatment and abuse show up in a hurry.

Bill Shively and Gus Apodaca repair anywhere from three to 20 safes in a day. Repairs are almost always emergencies, they

point out. If a safe can't be locked at the end of a work day, they go to work on it immediately.

The locksmiths have these tips to pass along:

—Get in the habit of using a calm, sensible method of checking your safe, then go through the procedure carefully.

—If you have any questions or problems regarding combinations or safes, ask. Proper instruction is very important.

—To lock a safe, spin the knob at least four times in one direction to make 100-per-cent sure the combination has been cancelled out. Moving the knob back and forth is not as effective as turning it in one direction.

Safes at Livermore Laboratory will be checked soon for faulty locking mechanisms. In addition, an effort will be made to standardize safes in each office to further reduce security hazards. Details will be announced shortly in the Lab News.

Bad Weather Fails to Slow Down Operations at Tonopah Test Range

Trying to outmaneuver nature is one of the biggest problems in keeping cameras and equipment in operating condition at Tonopah Test Range in Nevada. Extremes in temperature, wind, sand, snow, and fog all conspire to make operations difficult.

Although the majority of the days at the Range are good for operations, the men in Division 7246 (responsible for keeping equipment in working condition) must be prepared for any sudden change in weather — winter or summer.

On June 1, 1961, Tonopah recorded a snow storm. Three weeks later the temperature reached 102 degrees at the range. On the other hand, the mercury nosedived to -24 degrees on Jan. 24 of this year and during one week last month 12 in. of snow fell. Winds up to 60 mph are frequently recorded.

Despite these weather extremes, during the past 12 months the Range has been shut down only three days due to inoperable equipment.



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W. H. Kingsley Named to National Post in Health Physics Society

W. H. Kingsley, supervisor of Environmental Health Division 3311, has been appointed Chairman of the Membership Committee of the International Health Physics Society.

The Society was founded in 1956 and helps promote radiation safety throughout industry as well as among the AEC laboratories. In the short time the group has been organized it has acquired a membership of more than 1700 health physicists, and has become international in scope, with members representing England, France, India, and other foreign nations.

Objectives of the organization are to aid in the work of health physics, to improve dissemination of information between individuals in this field and in related fields, to improve public understanding of the problems and needs in radiation protection, and to promote and improve health physics as a profession.

In addition, the Society edits the journal *Health Physics*, which is its official publication and is the only journal devoted to the field of health physics.

Mr. Kingsley set up Sandia Laboratory's Industrial Hygiene Division in 1947, when the facility was operated by the University of California. For the previous year he

had been assistant group leader of monitoring at Los Alamos. He holds a BS degree from Syracuse University and has done graduate study at the University of New Mexico.

J. C. Moody Speaks To Los Angeles ASQC Metrology Division

J. C. Moody, supervisor of Length and Mass Standards Section 2411-1, spoke in California last Monday before the Metrology Division of the Los Angeles Chapter of the American Society for Quality Control.

His subject was, "An Historic Outline of Dimensional Metrology." He has previously presented the material in talks before professional groups in Albuquerque.

Work Schedule Change

Effective at 12:01 a.m., Monday, March 19, employees at Sandia Laboratory will work from 7:30 a.m. to 4:30 p.m. Lunch hour remains at 12 noon to 1 p.m. and standard rest periods are as follows:

Morning	9:30 - 9:45 a.m.
Afternoon	3:00 - 3:10 p.m.

Washington AEC Official Visits Sandia Lab

Dr. Manson Benedict, recently elected Chairman of the General Advisory Committee to the AEC, made a one-day visit to Sandia Laboratory last Wednesday, his first look at this AEC facility.

The General Advisory Committee makes recommendations on scientific and technical matters relating to materials, production, and research and development. The President of the United States appoints the nine civilian members to six-year terms. Dr. Benedict was appointed in October 1958.

Dr. Benedict has been head of the Department of Nuclear Engineering at Massachusetts Institute of Technology since 1958. From 1947 through 1958 he also served on the AEC Advisory Committee for Reactor Safeguards and its predecessor. His professional work has been in the fields of thermodynamics of gases, isotope separation, and nuclear reactor technology.

He met with President S. P. Schwartz, R. W. Henderson, Vice President Weapon Programs, and other members of the large staff while at Sandia.



COLD, WINDY MORNING had W. Daril Gutscher (7222) making a run for the Control Point building at Tonopah Test Range, Nev. Twelve inches of snow fell during one week last month.



SECURITY AND MAINTENANCE are year-round jobs at Tonopah Test Range no matter what the weather conditions. F.S.I. Security Inspector J.

Carroll here is checking W. L. Bierly (7246) and T. E. Sellers (7221) through the Control Point gate during unusually inclement weather conditions.

Editorial Comment

Dilemma of the Ducks

During these times of intense international tensions, it's easy to forget that there are other problems of significance. Big problems, of course, overshadow other problems, but this big-problem dominance in no way lessens the critical nature of the comparatively lesser matters.

Here we have a question which needs solution:

Sportsmen affiliated with the National Wildlife Federation are worried over the dilemma of the ducks. All over the continent wild ducks and geese are heeding the call of spring and heading northward. This year they are finding fewer wet lands in which to live and reproduce. This has been the case for a number of years. It is predicted that migratory waterfowl will dwindle from the unnumbered millions of yesterday to remnant flocks within the next 10 years.

The normal threats to waterfowl populations are hunters, illegal traps, agricultural chemicals, disease, inadequate food supplies, and predators.

In spite of these difficulties waterfowl flourish, but they cannot flourish without lakes, ponds, and swamps in which to live. Nature's droughts and man's tendency to drain swamps and ponds are more than enough to wipe out waterfowl.

Hunters, the Bureau of Sport Fisheries and Wildlife, U. S. Department of Interior, and state wildlife agencies are acquiring wet lands, and other groups are draining them. The problem is probably more acute in Mexico and Canada where farmers often consider ducks and geese as pests. This international aspect complicates the problem, for the necessary coordination is more difficult when three nations are involved.

Meanwhile, persons interested in preserving wildlife continue to worry about the future of waterfowl. The big question: Can three countries come up with a mutual agreement which will assure sufficient wet lands for wildfowl propagation?

Sportsmen have a knotty problem facing them. Here's what they can do to help:

Support the wet land acquisition programs of federal, state, and local governments.

See that they observe, and encourage others to observe federal and state hunting regulations.

Report known violations of waterfowl protective laws and regulations to law enforcement authorities.

Buy duck stamps each year, even if they don't hunt, for through this and the purchase of hunting licenses, sportsmen finance most wet lands acquisition programs.



MICRO-WAVE measurements seminar was presented to about 40 Sandians last week by Technical and Trades Training Division 3132. William Sebastian, PRD Electronics, Inc., was the featured

speaker who discussed power, impedance, attenuation, and design and applications of dry calorimeters. The program is available on tape from H. Grady Moore (3132), ext. 29238, Building 813.

Congratulations

Born to:

Mr. and Mrs. Paul E. Livingston (2412-2) twin daughters, Leanne and Renee, on Feb. 25.

Mr. and Mrs. B. L. Cafferty (7521) a daughter, Jeanen Jay, on Feb. 20.

Mr. and Mrs. Robert R. Beasley (7244-2) a son, Richard Lowell, on Mar. 6.

Mr. and Mrs. Vernon E. Kerr (7246-4) a daughter, Valerie Rae, on Mar. 5.

Hiking Into Grand Canyon? It's Great Experience for Boys

The Grand Canyon is a popular hiking ground for Boy Scouts who have at least four days to devote to a real adventure. Scoutmaster Bill Caskey (7115) and several other Sandians conducted such an expedition in recent months and have some recommendations to make.

The trip was taken by nine members of Troop 4, ranging in age from 12-14, the scoutmaster, and Committeemen George Rodgers (1424), Jim Courtin (2634), and Gene Jeys (4411).

"As prerequisites," Bill says, "the boys had to make two hikes up to Sandia Crest, read a book about the Grand Canyon, and earn their first aid merit badge."

The menus were carefully planned in advance and dehydrated food was used whenever possible.

The drive to Arizona was made in a passenger car, a pickup truck (which carried most of the gear), and a camper truck.

Early the second day the group started hiking down the Kaibab trail, each person carrying an 18-lb. pack with food and bed roll. They arrived five hours later at a camp site near the Phantom Ranch. Soon as camp was set up and firewood was located (their biggest problem), the boys took a dip in the ranch's swimming pool. The next morning they started the eight-hour hike up Bright Angel trail — a rise of about 4800 ft. At the top it was snowing, so the tents they had left there offered welcome protection.

"We had the work divided between the two patrols, and had pretty well emphasized the importance of staying together and avoiding risks. As a result, the trip was enjoyable for all," Bill says. With this experience, the troop plans to make the Grand Canyon trip annually.

H. S. Wallis Learns Science of Avalanche Control and Rescue

An intensive course in avalanche control and rescue work was attended by H. S. Wallis (2331) at Taos, N. M., last week-end. The course was sponsored by the National Ski Patrol System.

Morning sessions were devoted to lectures by Dale Gallagher of the U. S. Forest Service, who has been responsible for avalanche control in several skiing areas in Colorado and Utah. Saturday afternoon the 25 "students" studied examples of conditions which might constitute avalanche danger. Sunday afternoon the skiers put the theories to test in a rescue exercise.

"A dummy was buried on a slope under several feet of snow. We had a mitten on the surface as our only indication of the tragedy. It took several hours of probing with ski poles and long bamboo poles in a systematic fashion before we found the 'body,'" Mr. Wallis recalled.

E. H. Bowman Heads Local Masonic Lodge

Mesa Masonic Lodge 68 held two installations for officers this year. When the regular installation was conducted on Dec. 21, E. H. Bowman (1424), who was to take office as Master, was in the hospital, so a special ceremony was held last week for his benefit.

Other Sandians now holding office in this lodge are: Gordon De Sato (4411), senior warden; Ralph Niebel (4413), chaplain; Walter Paxton (4613), marshal; and Leroy Foster (2563), treasurer.



Rosemary Padilla (2644)

Take a Memo, Please

Knowing an injury can happen easily under given circumstances, it is always best to be prepared. Forethought prevents many mishaps.

Wedding

Catherine Anesi and M/Sgt. Joseph Devarenne, U. S. Marine Corps, were married Feb. 21 and are now at home at 4052-A Ward Place, Sandia Base.

Catherine works in 4152-1 and has been at Sandia since Sept. 1953.

Sympathy

To Conroe Wyman (4514-1) for the death of his father in Indiana, Feb. 24.

To C. W. Slack (7246) for the recent death of his father in Lisbon, O.

Sandia Helps Schools Stage 1962 Student Science Fairs

It's Science Fair time again. Competition on the junior and senior high school levels will be completed Sunday, and next week-end New Mexico regional fairs will be held.

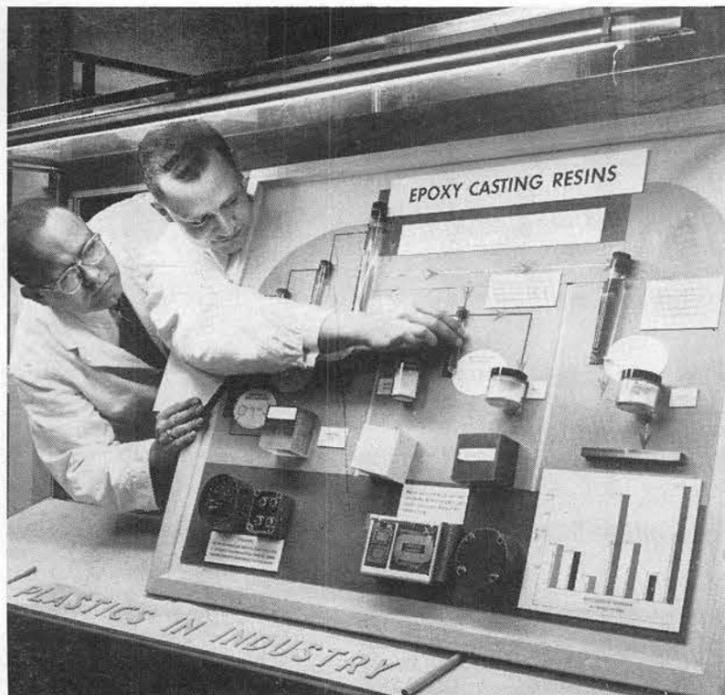
Individual Sandians have helped by serving as judges or speakers. Community Relations Section 3433-1 provided exhibits and other support to the fairs.

This year some 43 Sandians volunteered to help judge exhibits in the four fields represented at the junior high level and six fields investigated by senior high school students.

In addition, R. S. Claassen, Director of Physical Research 5100, will speak on "Is Your Future in Science?" during the awards program of Manzano High School on Sunday afternoon. J. D. Shreve, supervisor of Aerospace Physics Division 5114, will be the principal

speaker at the awards program of the Southeastern Regional Science Fair at Roswell on Mar. 24. His subject is "Atomic Nuclei at Work."

Winners of the junior and senior high school divisions advance to the regional fairs. The number of winners is based on enrollment. In the Albuquerque Public School System 100 senior-high and 85 junior-high student projects, plus one "group" project from each junior high, may be entered at the Northwest New Mexico Regional Science Fair at the University of New Mexico, Mar. 23-24. At the regional event, judges will select one boy and one girl from the senior-high division to exhibit at the National Science Fair. The northwest region will also be represented by 48 senior- and 27 junior-high projects at the State Science Fair in Socorro on Apr. 7.



ONE OF THE EXHIBITS, provided by Sandia Laboratory for showing at junior and senior high school science fairs, and regional fair receives final adjustment by Burt Dieruf (left) and Fred James, Jr., both of Community Relations Division 3433.

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Special Training Course Being Given On How To Get Ideas Across Effectively

Much of the work of Sandia Corporation is conducted in meetings. Interchange of ideas, technical discussions, briefings to military and defense officials, administration problem solving — these functions and many others are performed by small groups of Sandians in shirtsleeve work committees.

Supervisors participate in meetings and are members of committees or informal organizational working groups. Most staff members and staff assistants also participate in group exchange of ideas and group projects.

Ability to make an effective presentation of ideas is important at these meetings. To help Sandians in this skill, Staff Training and Education Division 3131 recently launched a new training program.

Called "Effective Presentations," the four-day training program has been completed by 42 persons. A concentrated course of lecture, discussion, and practice in communication skills is given course participants.

"'Effective Presentations' is designed to develop the skills needed to do the most proficient job in presenting ideas before groups," explained J. A. Smith, 3131 supervisor. "Special emphasis is given to the organization and oral transfer of ideas." These ideas may be transferred through impromptu expositions of a technical plan before a division meeting or the presentation of a paper before a professional group.

Earl H. Wilson, 3131-1 supervisor, Frederick H. Hanna, Kenneth C. Krough, and Howard E. Frankel (all 3131-1), conduct the courses.

Most of the course is actual practice in making extemporaneous talks and reading from manuscripts. After each presentation, the "student" is subjected to the comments of other members of the group and rated on prepared score sheets.

"You learn in a hurry," one participant said. "I had never really given enough time or thought to my talks previously. Organization and forceful presentation will make a difference. An idea, no matter how brilliant, isn't much good unless you can get it across to someone else."

Participants also receive concentrated instruction on the use of visual aids. Preparation and presentation of material as well as operation of various projectors is covered.

Sandians who attend the program are selected by their department managers. One class of 14 students is conducted bi-weekly at the New Mexico Union on the University of New Mexico campus. The class schedule is set through

next June with some 378 more Sandians enrolled.

Effective Presentations is part of a larger communication skills program developed by 3131. Other courses in the series include Technical Writing, Efficient Reading, and Leading Staff Meetings.

Technical Writing was started in 1956 and 720 employees have completed the 20-hour training course. It is taught by members of Technical Information Division 3423. Since last year, 330 persons have completed the Efficient Reading course which improves

reading rate, comprehension, and retention of material. Some 740 Sandians have completed Leading Staff Meetings since this course began last year.

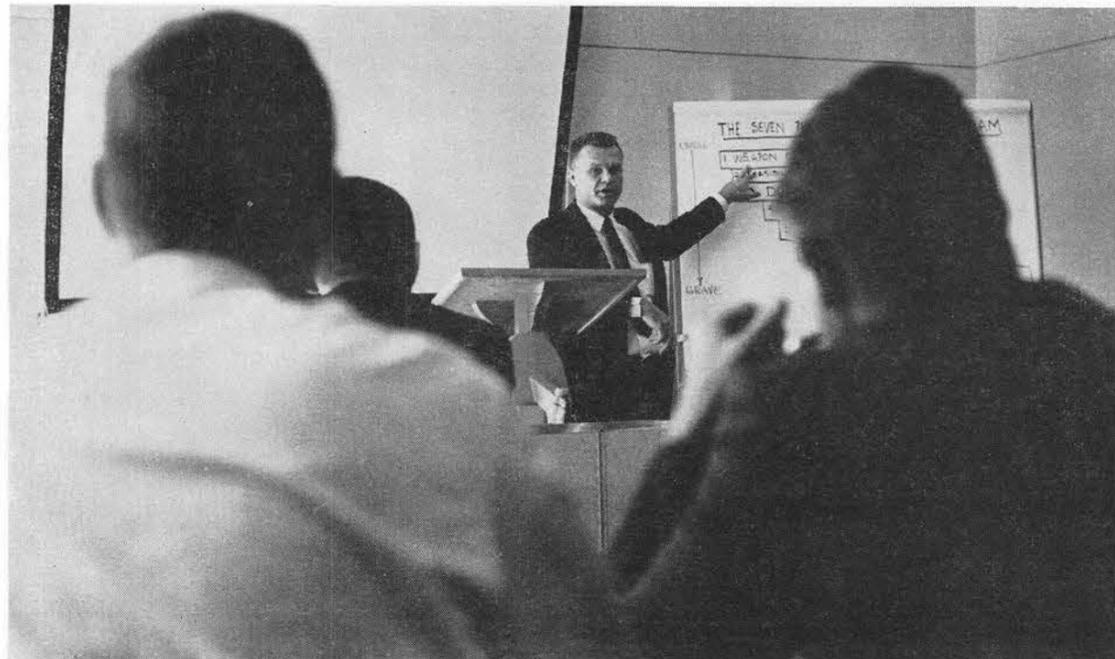
"These courses were carefully developed," Mr. Smith said, "to meet a Corporation need. Communications, interchange of ideas, people working in groups, rapid assimilation of information, and concise technical writing are vital in conducting the Corporation's business. Skill in performing these functions benefits both the employee and the Corporation."



JIM JONES (2342) emphasizes a point during one of his practice talks to the group. Afterwards he will hear comments and receive score sheets evaluating his presentation to the group.



"STUDENTS" in an Effective Presentations course conducted by Division 3131 spend a few minutes preparing talks. Course stresses impromptu and extemporaneous speaking plus reading from manuscripts. From left are J. N. Baker (7521), J. R. Ellison (9130), J. E. Bear (7321) and L. E. Mahuron (3453).



JOE CROMPTON (2563-1) uses flip chart as a visual aid during his extemporaneous talk. Effective Presentations course is primarily a "doing" class. Students spend most of their time preparing and giving talks. Discussions and lectures follow the talks with aim at improving members' ability.

Supervisory Appointments

J. R. ASHCRAFT to supervisor of Programming Section A 7242-1, Mathematical Services Division.



Joe has been working in mathematical and computer programming at Sandia Laboratory for the past five years.

Before coming here he worked in the same field for Remington-Rand in St. Paul, Minn., for two years. Joe also worked two years for a stock brokerage firm in Minneapolis.

He received his BS degree in economics from the University of Minnesota and taught mathematics there for two years while he completed work on an MA degree in math.

Joe served from 1946-48 in the Navy.

He is a member of the American Mathematical Society.

ALPHONSE R. IACOLETTI to supervisor of Programming Section B 7242-2, Mathematical Services Division.



Al has been at Sandia almost eight years, working as a math analyst and computer programmer.

He received his BS degree in mathematics from the University of New Mexico in 1954, and completed work and received his MS while with Sandia Corporation.

His memberships include Kappa Mu Epsilon, math honorary society, and the Association for Computing Machinery.

ROBERT H. DUNGAN to supervisor of Ferroelectric Ceramics Section 1124-3, Surface Chemistry and Ceramics Division.



He has been working in this same field during his year-and-a-half with Sandia Corporation.

Before coming here, Bob was a ceramics research engineer for five years with Minneapolis-Honeywell in Minneapolis. He also was a research instructor for a year at the University of Illinois.

Bob received his BS and MS degrees in ceramics from the New York State College of Ceramics in Alfred, N.Y. He is a member of Sigma Xi honorary society and the National Institute of Ceramic Engineers.

He served two years with the Army Chemical Corps.

LEWIS K. JONES to supervisor of Coatings and Surface Chemistry Section 1124-1, Materials and Process Department II.



Lew has worked in the same department since he came to Sandia in August 1958.

Previously he was with Battelle Memorial Institute in Columbus, O., for two years as a research engineer. He also worked a year and a half as manufacturing assistant chief chemist for the Tennessee Copper Co., Copper Hill, Tenn.

Lew received his BA degree in chemistry and mathematics from Centre College, Danville, Ky., and his MS in industrial chemistry from Ohio State University. While at Ohio State he was a graduate assistant for the freshman chemistry labs.

He is a member of the American Chemical Society, Phi Beta Chi, and Omicron Delta Kappa.

MAX D. HODGE to supervisor of Component Test Data Section 3453-1, Data Center Division.



Max has been at the Corporation 10 years and has worked in Disbursements Accounting, Cost and Accounting, and Auditing. When the Electronic Data Processing Department was set up in 1957, he transferred to that organization.

Before coming to Sandia, Max attended Utah State University, where he received a Bachelor's degree in commerce.

He served in the Army from 1946-48.

ROBERT J. EVERETT to supervisor of Industrial Hygiene Chemistry Section 3311-1, Environmental Health Division.



Before coming to the Corporation, he received a Bachelor's degree in chemistry from the University of New Mexico and has also completed some graduate study.

Bob served three years in the Air Force in the field of aviation medicine.

He is a member of the Industrial Hygiene Association.

Sandia Employees To Be Judges in Science Fair

Fourteen Sandia Corporation employees have been selected to serve as judges of the student exhibits at the Northwest New Mexico Regional Science Fair to be held Mar. 23-24 at the University of New Mexico.

The regional judges include: R. P. Clark (1323), S. C. Levy (1323), E. G. Franzak (5152), C. E. Abraham (5433), W. H. Bradford (5422), D. B. Owen (5425), L. H. Koopmans (5425), D. R. Morrison (5426), J. A. Schatz (5426), Ann W. Shiver (5426), C. M. Williams (5426), R. C. Hildner (5422), and R. G. Elsbrock (3311).

Victor Padilla to Retire This Month

Victor Padilla, a Corporation employee for more than nine years, will retire Mar. 30. He is a laborer in Labor Support Section 4575-1.



Mr. Padilla is a native of the northern New Mexico community of Dawson, which is now a ghost town.

When the coal mines closed down in the late 40's, he moved with his family to Albuquerque.

Mr. and Mrs. Padilla plan to remain in Albuquerque at 732 Kentucky SE. They have four sons, two daughters, and 13 grandchildren living in such far-flung places as Los Angeles, Denver, and Hawaii.

After retirement, Mr. Padilla plans to devote more time to farming and gardening on three acres of land he owns near Bernalillo.

Monday, April 9, Is Registration Deadline For Coming Election

The deadline is Apr. 9 for eligible voters to register for the forthcoming New Mexico primary election. Registration blanks are available at the Bernalillo County Clerk's office, at Democratic and Republican headquarters, at Sandia Lab from Services and Recreation Section 3122-2 in Bldg. 610, and from many notaries public in the city.

Office Seekers Announce for Primary

When the deadline for filing for state and county offices passed last week in New Mexico, Sandia Laboratory employees were well represented among the candidates.

It appeared that three Sandia men were seeking positions as State Representatives and three others were trying for election to the County Commission. Still another has filed for the honorary

post of County School Superintendent. A brief biographical sketch of these seven men is given below.

In addition, 10 other Sandians have filed as candidates for Justice of the Peace or Constable.

The JP candidates are: Candelario Trujillo, Jr. (3453), Precinct 17, Democrat; E. Mead Arbogast (retired), Precinct 44, Democrat; William Jackson (4254), Precinct

46, Democrat; Gaynor E. Atkinson (2331), Precinct 46, a Republican.

The Constable candidates are: Paul M. Montano (4623), Precinct 8, Democrat; Dennis S. Chavez (2642), Precinct 17, Democrat; Gail B. Ward (3463), Precinct 45, Democrat; John M. Farner (4254), Precinct 46, Democrat; William R. Lincoln (4511), Precinct 10, Republican; and Jerome

J. Donaldson (2441), Precinct 16, Republican.

Information about the candidates seeking office on the city ticket will be presented in the next issue of the **Lab News**. Any Sandia employee who has inadvertently been overlooked in his candidacy for public office is invited to call the **Lab News** office, ext. 54241.

Filing of candidacy for municipal offices closes Mar. 20.

... And Here Are The Candidates From Sandia

A. H. "John" Archuleta has filed his candidacy for a position on the county commission. He is a Democrat. Since he became employed by Sandia Corporation in June 1953 he has worked in Expediting, Finance, Production, and Employee Service organizations and is presently assigned to Engineering and Research Support Division III, 2643. Mr. Archuleta was previously employed by the Sunshine Theater for three years and was assistant manager at the time he resigned to accept employment at Sandia. He graduated from Albuquerque High School. In 1958 Mr. Archuleta was president of the Office Employees International Union, Local 251 AFL-CIO.



William A. Gardner has filed his candidacy for State Representative, Position 1, on the Republican ticket. He has been at Sandia four years—first in Employment Division 3151 and for the past year as an Administrative Assistant (3424) to Systems Development Organization 7100. Previously he worked a year for the First National Bank in Albuquerque, and a similar period as an engineering assistant for Western Electric Company on the SAGE (Semi-Automatic Ground Environment) project in New York, Boston, and Philadelphia. Mr. Gardner was awarded his Bachelor's degree in business administration from the University of New Mexico in 1955.



Carl O. Kemp has announced his candidacy for State Representative, Position 7, on the Democratic ticket. He has been a photo printer technician in Still Photography Division 3467 for three years. Previously he was an executive sales representative for Strassenburgh Medical Laboratories of Rochester, N.Y.; assistant public relations director for the N. M. State Game and Fish Department; and owner of a portrait photo studio in Santa Fe. During World War II he was a Marine Corps combat correspondent in the Pacific and Asia, and was recalled during the Korean conflict. Mr. Kemp attended universities in Detroit, Oklahoma, and Nankai (China).



Harry E. Kinney, presently serving as a Republican member of the county commission, is seeking reelection. He also served on the commission from 1957-58. Mr. Kinney is a mechanical engineer and has worked in Auxiliaries Engineering Department 7180 during his six years at Sandia. Before employment here he operated his own electrical appliance and refrigeration company in Albuquerque for eight years. He has a BS degree in mechanical engineering from the University of New Mexico and has taken graduate work at Cornell University. During World War II Mr. Kinney served in the Navy for three years and was recalled for two years during the Korean conflict.



Charles J. Mauck has filed for the \$1-a-year honorary post of school superintendent on the Republican ticket. He has been at Sandia seven years, first as a systems engineer in 7100. In June 1958 he was promoted to section supervisor and has headed Design Services Section II, 7214-2, for the past year. Previously he worked two-and-a-half years for Dresser Industries, Olean, N.Y., two years in the industrial division of Continental Gin Co., Birmingham, Ala., and taught mechanical engineering for three years at the University of Oklahoma where he received his BS and MS degrees in mechanical engineering. Mr. Mauck served four years in the Navy.



John P. Mitchell, Jr., is running for State Representative, Position 5, on the Republican ticket. He has been at Sandia for three years as a personnel representative in Division 3121. In 1956 Mr. Mitchell obtained his BA degree in business and economics from the University of Minnesota and two years later was awarded an MS in personnel administration at the University of Arizona. While doing graduate study he took management training at J. C. Penney Stores. He is secretary of the State Advisory Committee on Scientific Engineering and Specialized Personnel (for the State Selective Service System).



James J. Weber has filed for the county commission on the Democratic ticket. With Sandia for 10 years he worked as a model and instrument maker until 1956 when he transferred to Explosive - to - Electric Transducer Division 5133. Previously he was with Westinghouse Atomic Power Division in Pittsburgh for three years as a group leader in charge of the reactor core for the atomic submarine Nautilus. Mr. Weber was also with Oak Ridge National Laboratory for two years doing mechanical development work on a materials testing reactor. He attended Drexel Institute of Technology, the University of Tennessee, and University of New Mexico.



Golf Association Tournament Entry Deadline April 2

The Sandia Employees' Golf Association has announced that golfers should submit applications and required score cards for the 1962 Association Tournament to Services and Recreation Section 3122-2 by Apr. 2.

The Socorro Golf Tournament will be played Apr. 14. Those wishing to participate should contact Fred Silva (7521-3) at ext. 2-2134.

Help! Help!, Please

Do you keep a back file of copies of the **Lab News**? The **Lab News** office is badly in need of several extra copies of the July 21, 1961, and Sept. 1, 1961, issues. If you have spares, please mail them to Division 3432.

Mixed Doubles Bowling Tourney At Coronado Club

The first annual Coronado Club Mixed Doubles Handicap Bowling Tournament will be held on Apr. 7-8 (and continued on Apr. 14-15, if necessary).

All bowlers must be members of the Coronado Club, sanctioned by A.B.C./W.I.B.C., and have an established 15-game average as of Jan. 1, 1962.

The entry fee is \$6 per couple. Prizes and trophies will be given first place winners.

Entry blanks may be picked up at the Coronado Club or from Frank Adams (4152), ext. 26262, or Alice Woodley (1431), ext. 33-131. Deadline for entry is Mar. 31.

Virgie Haverty Given Personal UN Tour By Ralph Bunche

When Virgie Haverty (4212-2) made her first trip to the East, it was an extra-special affair. She accompanied Miss Belle Sweet to the events in the latter's honor at the UN Headquarters and in Atlantic City and Washington, D. C., last month.

Miss Sweet, a retired Albuquerque school teacher, was selected by her former pupil Ralph Bunche, Under Secretary General of the UN, to receive a Golden Key award from the American Association of School Administrators.

Virgie, whose husband is Miss Sweet's nephew, was invited to accompany the 82-year-old former teacher on the trip.

"Aside from the awards banquet, the visit at the UN Headquarters was the highlight for me," Virgie says. "Dr. Bunche took us on a personal tour, introduced us to Secretary General U Thant, and then invited us to lunch in the delegates' dining room."

Miss Sweet was the subject of numerous articles in newspapers and national magazines in addition to radio-TV network coverage. "Photographers must have taken a thousand pictures," Virgie recalls, "but nothing fazed her. She thoroughly enjoyed all the attention."

Welcome Newcomers

Feb. 26-Mar. 9

Albuquerque	
Ethel I. Anderson	4361
Euel E. Arms	4574
John C. Carter	4574
Jo Ann Dawson	4212
D. Diane Dearing	3153
Clifford Elson	3444
*Francisco T. Gurule	5151
Dallas H. Jensen	3444
A. Carolyn Kinsey	3446
Lois M. Nelson	3452
Ernesto P. Olguin	4574
Betty Lou Tanner	3421
Frances M. Young	3126
Indiana	
Leo S. Miller, Ft. Wayne	1432
* Denotes rehired	
Returned from Leave	
Stanley E. Gromko	2341
Linda B. Hale	3153
Margallee M. Hertzler	4413

More Test Operations Call AEC Organization Changes

The Office of Field Operations of the Atomic Energy Commission at Las Vegas, Nev., has been changed to the Nevada Operations Office and assigned the responsibility for the management of the Nevada Test Site. A. R. Luedcke, General Manager of the Commission, has announced.

Under the change which became effective Mar. 6, the Las Vegas Office will be expanded and it will report directly to the Office of the General Manager in Washington rather than to the Commission's Albuquerque Operations Office as did the Office of Field Operations. James E. Reeves has been appointed Manager of the new office. Since 1954 Mr. Reeves has served as Assistant Manager for Field Operations in the Albuquerque Operations Office.

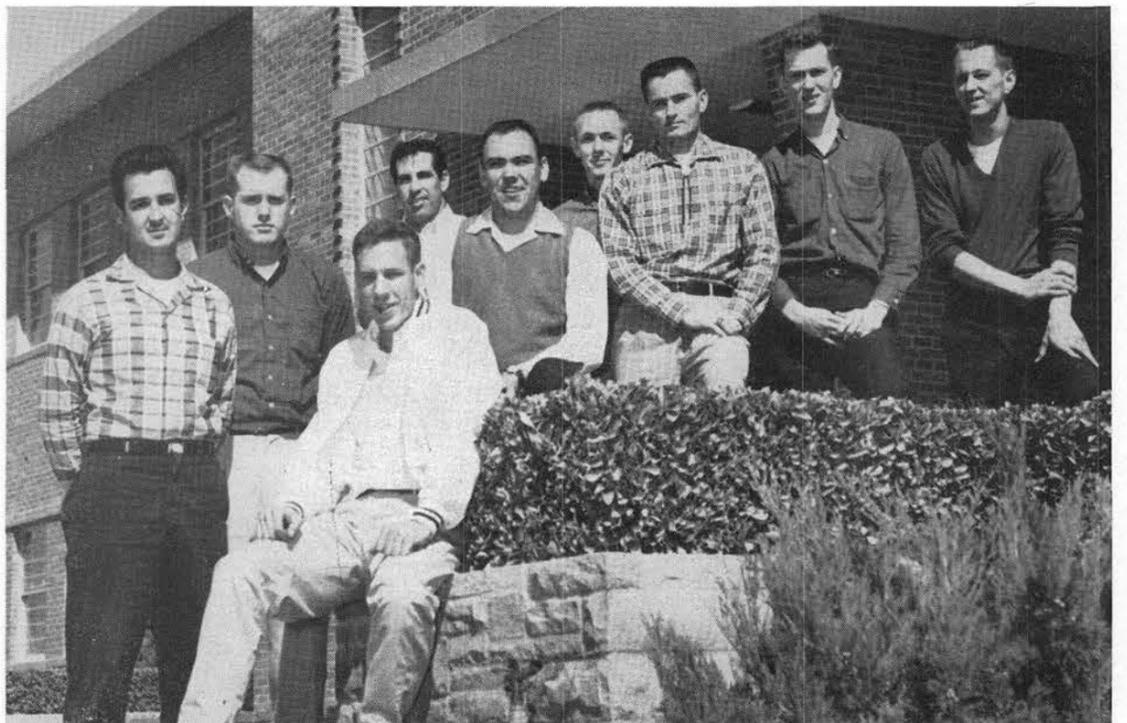
Direct, on-site management required by the expanded level of activity at the test site will be provided by the expansion and

change in status of the Las Vegas office.

The need for this change stems from the increasing operations at the test site, resulting from testing connected with the development of nuclear propulsion for rockets (Project Rover) and the construction of new facilities for the National Aeronautics and Space Administration's portion of that program, together with the current underground testing of nuclear weapons.

Sandians Helping With Horse Show

Albuquerque Horesmen's Association will hold a horse show Sunday, Mar. 25, at 10 a.m. at the arena at Pajarito Road SW. Both children and adults may enter the English and Western riding classes. For further information contact Betty Tatum (3321-1) at TR 7-0997 or R. E. Bader at TR 7-0482.



SANDIA LABORATORY All-Star Basketball Team posed last week in front of Bldg. 800. In the double elimination tournament the Sandia team lost two close ones to Manzano Base, 71-64, and Kirtland Air Force Base, 45-44. Sandia Base won the championship. Shown above are, from left, Jim F. Sanchez (4573), Gene A. Lisoito (4412), James F.

Hudson, Jr. (5151), Leo C. Chavez (3444), John F. Smatana (1111), James M. Freese (5153), W. Dale McLaughlin (5133), Robert W. Martin (1431), and Leonard A. Kracko (2412). Team members not shown are Donald W. Smith (1124), Jerrel R. Lockner (7223), Phillip T. Loeper (4412), Don L. Dekker (2531), and Keith D. Christian (1323).

Ancient Home in Algodones Renovated From 'Ground Up' by Gordon Ross Family

About a mile off the Algodones turnoff from Highway 422, north of Albuquerque, is a five-and-one-half acre plot of land. It lies in the valley between the Rio Grande and the Sandias. Giant cottonwoods, fruit trees, an open pasture, corral, shed, and long low adobe buildings mark the property.

This is La Casa de (Mala) Sueños which translated means "The House of (Bad) Dreams." The sign over the gate says "Gordon Ross."

"My friends called me Crazy Gordon when we moved in two years ago," Gordon says. "They said anyone who would leave a modern, comfortable home to move into an ancient, weatherbeaten place was out of his head. For

a while I almost agreed." Gordon is a personnel representative in 3121. Co-workers were his chief critics—at first.

Gordon estimates that the house was built at two different times — one part at least 100 years ago and the second part about 60 years ago. Construction is terrone, blocks of sod cut from a grass field and then shaped in a mold. Giant vigas of hand-hewn logs support the roof.

"The roof was a problem when we first moved in," Gordon says. "The house had been unoccupied for two years and the roof leaked. This had destroyed part of an interior wall and ruined the original hardwood floors. We repaired the ceiling and the walls where necessary and leveled the roof. Then we covered the dirt 'insulation' on the roof with city-type tar and gravel."

By Fall of the first year, the

walls, ceiling, and floor of the living room, kitchen, bath, and utility room were complete.

"That summer I found out what it was like to be a farmer," Gordon says. He acquired four calves and a cow, chickens, ducks, and a horse, planted oats and a large garden.

Work on the second part of the house progressed. Windows, doors, and walls were reworked. Wiring in this part of the house was installed. Two large bedrooms shaped up. The outside of the house was covered with a "brown coat" of plaster.

"One of the bedrooms might be called a dormitory," his wife Nina says. "We need plenty of room for our three boys—Don, 8, Tim, 7, and Chris, 6."

"These warped floors are coming out this summer," Gordon says. "We hope to install brick floors in this part of the house."

"We've had setbacks," Nina says. "A family of skunks moved in under the house and then an irrigation ditch broke its banks and water flooded a just-finished septic tank. Happenings like these gave us our 'bad dream' name but that's all past now."

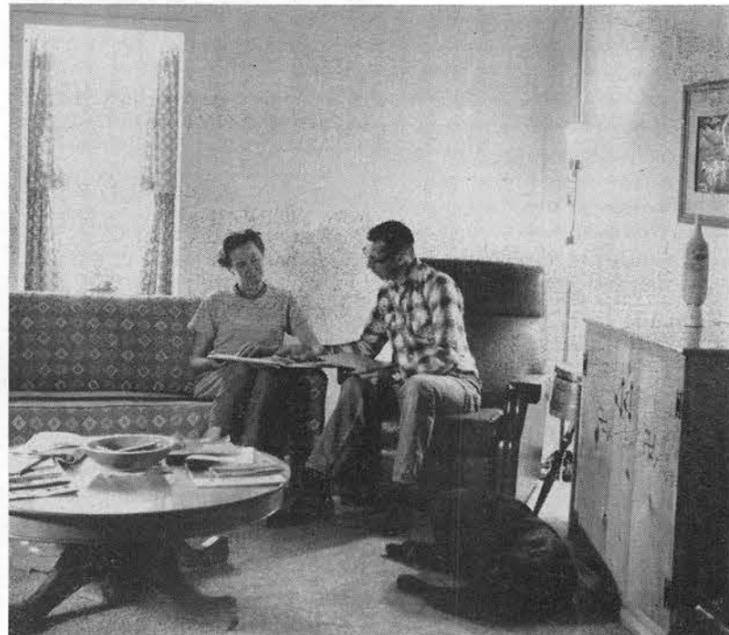
Results of two years' work are visible in the house. The present living room is a large comfortable room with gleaming white walls. Vigas and ceiling boards are polished to a deep brown.

Gordon's hi-fi and FM cabinets line one wall. From the window, the Sandias provide a wonderful view.

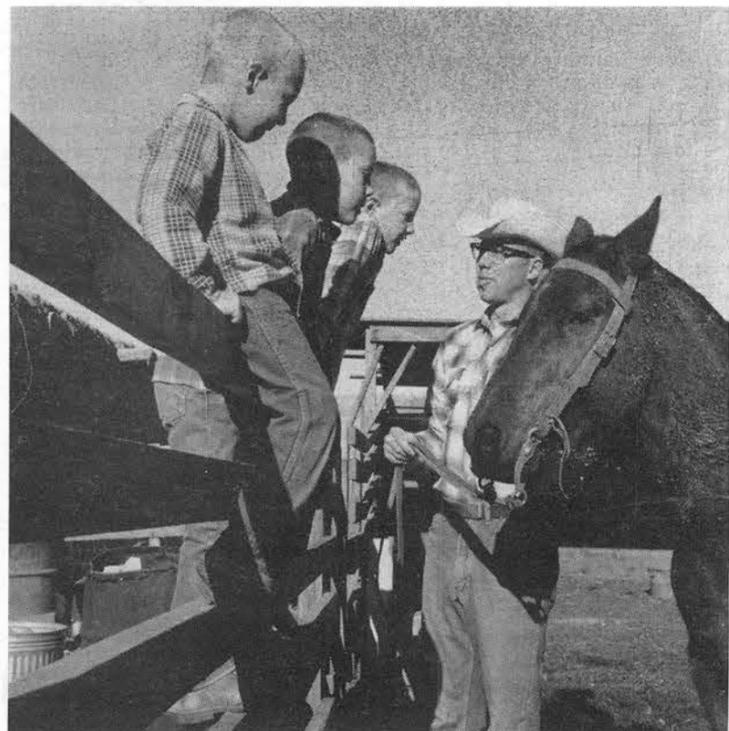
The kitchen is large and efficient. Nina is a home economist. Her kitchen and sewing are her specialties. Last year she took sewing honors at the State Fair and won a new sewing machine. Two years ago at the State Fair Gordon and Nina placed second in the overall state garden exhibit competition.

"We can live comfortably here now," Gordon says, "although it will take years to get it finished. A place like this is never really finished. But the visions we had as we moved in are beginning to prove out now."

"Besides, it's fun," Nina says. "The boys love it."



GORDON AND NINA map future plans for their home while relaxing in their large high-ceilinged living room. This area will eventually become a den when the center of the house is finished.



BUILDING THIS CORRAL was one of Gordon's early projects. His sons are always happy to take a ride on their horse.

Service Awards

15 Year Pin



Frances C. Hale
4423
March 20, 1947

10 Year Pins

March 17-31

M. E. Bailey 2543, Clara J. Blasyk 4131, T. J. Brooks 4542, C. M. Coats 2542, L. E. Guintard 8116, H. V. Harter 7325, S. M. Krell 3153, G. L. Krieger 1413, D. L. Patterson 3126.

G. V. Pearson 2622, H. E. Thiermann 4413, D. J. Buntin 4253, Mary Guajardo 3446, T. B. Hanna 3231, H. W. Lindquist 4211, M. D. Petersen 7213, C. H. Di Guiseppi 4542.

F. R. Edwards 7147, Laverne W. Lathrop 4632, E. L. Gunn 4612, J. N. Johnson 3122, B. F. Blythe 4332, W. E. Bosken 7311, G. E. Chaffee 4631, P. L. Field 1331, M. O. Murphy 1423.

H. M. Rowe 4574, Ruth D. Derrick 2644, Jesus Gutierrez 4612, Salomon Hidalgo 4514, J. L. Martinez 7312, K. V. Nixon 7231, Mary A. Van Brocklin 8241, T. E. Zudick 3465.

E. M. Chavez 4621, J. F. Rabold 3242, D. O. Salazar 4234, Bernice P. Sanders 3153, J. T. South 4224, Deana B. Piper 7512, J. S. Armijo 4234, H. M. Baker 1414.

E. G. Dyllo 4314, R. D. Lepore 4611, F. W. Lovato 4573, E. E. Montano 4511, Ismael Ortega 7321, R. W. Russell 7321, O. M. Schroll 2542, J. J. Weber 5133.

Chess Players Being Sought by Recreation Section

Services and Recreation Section 3122-2 has announced that several Sandia Laboratory employees have expressed an interest in establishing a chess group.

To stimulate interest in such a group, Section 3122-2 has requested that anyone interested in joining the group, contact O. J. Foster or Seyfred Toledo at ext. 29157.

Boy Scouts Present Citation to Sandia

The Kit Carson Council of Boy Scouts of America has cited Sandia Corporation personnel for their support and help of the scouting movement in Albuquerque during 1961.

The citation, presented to Sandia Corporation Mar. 5, expressed "deep and sincere thanks and appreciation for generous support, help, and cooperation during the past year."

SHOPPING CENTER

CLASSIFIED ADVERTISING

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

RULES

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

FOR SALE

GOLF cart & bag, full set tubes (for clubs), four covers for woods, \$15. Hansen, 3119 Lykes Dr., NE, AX 8-0308.

8' GARAGE DOOR, one-piece metal overhead type, springs and all hardware mount on jamb, nearly new, \$50. Van Deusen, AX 9-4328.

TRUCK TIRE and wheel to fit Ford pickup, 6-ply, almost new. Moore, AX 6-2748.

COLT-.45 automatic, new bluing, 100 rounds ammo, \$55; 7-mm Mauser deer rifle, w/Weaver K4-scope, custom-stock, case, 2 boxes ammo, \$110. Millsap, AX 8-0678.

BOY'S 26" bike; boy's size 12 coats, trousers, vest and raincoat, several items like new. Pearl, 256-6541.

FM TUNER, Heathkit FM-3, \$25; metal Hollywood-type bed frame, adjustable, \$11. Church, 268-1557.

WROUGHT IRON, glass-topped kitchen set, four chairs, \$40; Frigidaire electric range, \$40. Meikle, AX 9-4640.

ELECTRIC RANGE, 36" GE, \$100. Chavez, TR 7-1962.

KELVINATOR REFRIGERATOR with 50 lb. frozen food compartment, \$50 or best offer. Ramsey, AX 8-3433.

WOODEN SLIDING DOOR, large and small window from Hoffman home; 2 iron bunk beds w/mattress, used 2 months; 1 car-top-carrier. Bascom, AX 9-1662.

2-WHEEL TRAILER, 4x6, \$35; oscilloscope, \$45; gas range, \$15; large tent, \$75. Breitenbach, 268-7900.

SECLUDED MOUNTAIN ACREAGE near Placitas for those wanting privacy and view, terms. Stueber, AX 9-2414.

CHILDREN'S SWING SET, \$5; sell or trade '59 Mercedes-Benz, 220S, 4-dr., R.H. Shaffer, CH 2-6507.

'55 CADILLAC, 4-dr., all power, factory air, \$795. Chandler, AX 8-1976.

PORTABLE TYPEWRITER, Underwood, w/ carrying case and table, \$35. Metzger, 298-5054.

"MODERN SHOP PRACTICE," nine volume home-study course and reference on machine shop work, tool making, welding, etc. Stark, 299-5953.

FREE, African Bermuda grass, you dig it, evenings and weekends. Taylor, 2716 San Pablo, NE, AX 9-5416.

AIR CONDITIONER, refrigerant window type, Coldspot, 220 volt, almost new, \$125. Bergquist, AM 8-6909.

TWO CEDAR CHESTS, one Lane w/walnut finish, one w/natural cedar finish, \$25 each. Smith, AX 9-6873.

WEBLEY .38 pistol and holster. Klein, AM 8-1964 after 6 p.m.

'57 CHEVROLET Belaire, 4-dr. hardtop, 26,000 actual miles by original owner, best offer takes. 1406 8th NW, Amador, CH 2-7728.

CHROME DINETTE SET, yellow, extra large table, 6 chairs, \$50. O'Connell, AM 8-1964.

DOUBLE KITCHEN SINK w/chromium faucet and controls, strainer baskets, drains and rim, \$20. Allen, DI 4-7540.

WALNUT BEDROOM SET; 5-pc. dinette set; chest-of-drawers; twin bed; Westinghouse vacuum cleaner; occasional chair; pole and floor lamps. Sager, AM 8-4897.

SKIS with Cubco bindings, poles and boots, size 10, \$30. Burnett, CH 3-2758 or CH 7-9667.

TAPE RECORDER, latest model Sony 262D tape deck and SRA-2 recording amplifier, everything needed for custom sound installation, \$130, retail value \$180. Denison, AL 5-3535.

DELUXE 5-yr. crib, \$20; stroller w/shade, \$7.50; maple rocker, \$15. Robertson, AL 5-6942.

KLING MAPLE BED and chest on chest. Meyer, AL 6-9038.

WARDROBE, gray exterior, cedar-lined interior, sliding doors, \$30; GE range, 40" wide, push-button controls, \$110. Lilly, 298-2560.

ROBERSON, 3-bdr, den, 1600 sq. ft., fireplace, 1 1/2 bath, air-conditioning, sprinklers, 43 1/2% GI, priced under FHA appraisal. Borbely, AX 9-3210.

DOUBLE BED PANEL HEADBOARD, \$25; pink and white twin headboard, \$10; child's desk, \$10. 1833 Georgia NE, Doherty, AM 8-7239.

CASCO electric utility table, dual electric outlet, heavy duty cord, casters, white baked enamel finish, consider trade for chest-of-drawers. Floyd AX 9-2419.

'57 DODGE V-8, 4-dr., Coronet, R.H., Torque-Flite, power S&B, one owner, \$845. Hinman, AX 8-1027.

NEXT

DEADLINE

FOR SHOPPING CENTER ADS
Friday Noon, Mar. 23

BRICK, 3-bdr., 1 1/2 baths, landscaped, near schools, bases, shopping. 915 Florida SE. Kelly, AM 8-5429.

80-ACRE irrigated farm, 2-bdr. modern house, garage, barn, five miles from Springer, N. M., \$7000 cash. Fortenbury, AX 8-1306.

REFRIGERATOR, Hotpoint, 10 cu. ft., \$55. Placek, AX 9-5601 after 5 p.m.

'58 VW SEDAN, 27,000 miles, one owner, \$995. Stuckey, AL 5-2442.

TWO girls' Schwinn bicycles, \$25 each. Jones, 255-6190.

TYPEWRITER, Royal, portable, \$25. Joseph, AM 8-5414.

MATTRESS and springs; Ski boots. Spray, AX 9-0412.

4 BDR, 1 1/2 bath, fallout shelter, air conditioner, completely walled, corner lot, 2 blocks from schools. Brock, AX 9-3954.

CAMPER for 1/2 ton pickup, wide bed truck, double wall w/insulation, 12v light, has eight windows that open, \$300. Stephens, BU 2-3434.

DINING ROOM SET, table and 6 chairs, cordovan mahogany. Parker, AX 9-1750.

'51 DESOTO Deluxe, heater, survived the trip from Chicago w/good engine, \$75. Trybul, 298-3325.

BABY CAR BED and seat, like new, \$5; Casco walker, \$2; Irish Mail (pumper car), \$8. Weber, AX 9-1389.

STANDARD FRENCH POODLE, male, 7 weeks, \$35. Wader, DI 4-2892.

MOUNTAIN CABIN on 1 acre lot in Manzanos, sell or trade for residential lots; Scotts fertilizer spreader, \$7.50. Kane, 299-0382.

2-BDR. unfurnished house, NE heights, walled backyard, 3 blocks to schools, 15 mins. from Sandia. Abbott, AX 9-8860.

NEW 3-BDR. unfurnished home, GE oven-range, 1 1/2 baths, attached garage-storage, \$100/mo. Curkendall, 298-4738.

HI-FI CABINET, oiled-walnut finish, room for all components plus record and tape storage, \$55. Petrone, AL 5-3633.

HIGH CHAIR and youth chair, both for \$5. Wheeler, AL 6-6230.

'54 STUDEBAKER Champion, 2-dr., 6-cyl., w/OD, R&H, \$270. Bentz, AX 9-2961.

'55 CHEV 1/2 ton pickup, second series, new tires. Krogh, AX 9-8879.

\$250 BOLEX SONORIZER, new March 1, best offer over \$150. Osterby, AX 9-4606 after 5 p.m.

'55 STUDEBAKER station wagon, \$350. Adams, AL 6-4010.

SCHWINN BICYCLE, girl's 24". Prutsman AX 9-2555 after 3:30 p.m.

COLONIAL SOLID MAPLE TABLE, Tell-City Chair Co. No. 867, Andover finish, 36x50", extends to 70". Stevens, 298-2894.

'57 AUSTIN HEALEY engine, 6-cyl., complete but needs rebuilding; Taurade trailer hitch for mobile home or vacation trailer, Klenck, CH 3-0498.

SHOTGUN, Winchester model 12, 12-gauge, w/28" modified choke barrel, \$80. Kubiak, AL 6-1513.

COLLIERS encyclopedia, 5-yr. old w/year books, for sale or trade for typewriter; black handpainted Mexican tray table. Smith, 242-6422.

FREEZER, 12 cu. ft., upright Maytag, \$85. Harden, AL 5-6558 before noon or after 6 p.m.

JUVENILE CHIFFONROBE, 5 drawers, wardrobe section, \$15; 4-drawer dresser, \$15; typewriter desk, \$12.50; 17" Zenith '52 TV, blond turn-top table, make offer. Campbell, AL 6-1015.

OFFENHAUSER MANIFOLD, Ford engines 272-292-312, '55 thru '59, complete with 3 carbs., linkage, fuel block, air cleaners. Kite, 255-8208.

'56 FORD Fairlane, htdp., T-Bird engine, radio, best offer. DeZeeuw, DI 4-7392.

TWO 760:15 w/w tires, tubes, and wheels for late model Chevrolet. Wilson, AX 8-0049.

PHILCO automatic washer, 10 pounds; Hotpoint dryer, 110/220 v, 10 pound; Fedders room air conditioner, 8500 BTU, 115v. Nix, 298-4282.

DOUBLE BED springs, \$5; accordian, 120 bass w/case, \$125; 2 venetian blinds, \$2. Heath, AL 5-5418.

ELGIN outboard motor, 12 hp, 6-gal. gasoline tank, used less than 75 hrs., \$150 cash. Etherton, 268-7755.

CHROME DINETTE SET w/4 chairs, \$35; 1 pr. men's, size 8, rink roller skates w/semi-precision bearings. James, AX 8-0709.

METRIC WRENCHES, 6-pc.-set of box-end wrenches, \$3.50; 6-pc.-set, 1/2" drive socket wrenches, \$3.50. Mattox, 268-5554.

DX-40 XMTR., \$45; Mosley V-4-6 trap vertical ant., \$20. Clark, 298-3506 after 6 p.m.

ACCORDIAN, 120 bass, \$100; 2-burner electric hot-plate, \$15; Brownie-Hawkeye camera, \$2; Safty-Server baby's feeding table, \$25. Sisson, AX 9-4217.

CRIB MATTRESS, \$5. Sektman, AX 8-0373.

JO-JO, 8 mos. old white poodle, \$35. Carlson, AM 8-8138.

LAMBRETTA 175 Scooter, like new, cost \$595, sell for \$350 or best offer. Barrett, AM 8-2963.

AM-FM Espey radio/phono, 3-speed, Jensen diamond and sapphire needle, mahogany cabinet, \$75. Sweet, AL 5-0255.

'57 CADILLAC, white, 4-dr., DeVille, all power and factory air, wsw's, \$1695. Russell, AX 9-0159.

RELOADING EQUIPMENT Pacific, complete for 9 calibers, sell all for \$200, no pieces. Smythe, 268-6938.

FENDER triple-neck electric steel guitar, Bigsby volume and tone foot control, \$50. Martin, AL 5-4670.

ADMIRAL portable 4-speed record player-radio combination, including stand on rollers and 45 rpm spindle. Pass, AL 6-9663.

HEATH KIT pre amp, already assembled. Mitchell, AX 9-8473.

'59 CAMPING TRAILER, 16' Santa Fe w/septic tank and toilet, \$1095. Pipher, 9801 McKnight NE, AX 9-6087.

WANTED

TO TRADE '58, 35hp, elec. starter Johnson outboard for equity in 70 or 80hp Mercury, will include controls, 2 gas tanks, spare prop, generator. House, AL 5-2646.

RIDE from 4814 Marquette NE (Monroe and Marquette) to gate 6, 7, or 10. Perdue, AM 8-7634.

TWO OR THREE drivers to join car pool from South Valley, Highway 47, Tome, Valencia, Peralta, Bosque Farms. Clenney, UN 4-8394, O'Connor, UN 4-3623.

SELL OR SWAP equity in cabin Manzano mts. for car or house trailer. Crouse, AX 9-3513.

TO TRADE refrigerated air conditioner, window model, for outdoor motor. Knight, 2012 Erbbee, AX 9-3783.

LOST AND FOUND

LOST—Man's gold wedding band, brown Mallory hat left in Bldg. 300 2-26-62, tan and brown leather glove, billfold with ID of Mary Juzang, earring w/pearls in basket, wallet with ID of Charles Sandoval lost in Bldg. 805, contact lens in aluminum case, envelope addressed to Internal Revenue. Last and Found, ext. 26149.

FOUND—Hand-woven Indian purse, grey woolen scarf, bronze frame sunglasses, turquoise glass case, 2 small keys, lunch bucket left at model plane field 3-5-62, lady's turquoise and purple silk belt, sunglasses. Lost and Found, ext. 26149.

Some Choose to Serve Through the Great Game of Politics for the Republican Party . . . for the Democratic Party . . .

W. J. Whitfield to Speak to Engineers On Clean Rooms

Willis J. Whitfield (2564-2), who developed the Sandia Lab "Whitfield ultra-clean room," will speak before the local chapter of the American Society of Heating, Refrigerating and Air Conditioning Engineers on Tuesday, Mar. 20.

His address, "Industrial Clean Rooms," will include a discussion of the basic need for ultra-clean environments in industry, the principles involved, monitoring of dust, and personnel control. In addition, he will tell how the Whitfield ultra-clean room was developed.

The dinner meeting will start at 6:30 p.m. at Robin Hood Inn, 9120 Fourth St. NW. Guests are welcome. For reservations call William Coleman, CH 7-0311, ext. 2755.

V. O. Henning Speaks On Career Planning To Lincoln Students

"Career Planning and Preparation" was discussed by V. O. Henning, supervisor of General Employment Section 3151-2, before four civics classes at Lincoln Junior High School last week. The request for his appearance was initiated by the school.

Table Tennis Finals

Services and Recreation Section 3122-2 has announced that final games of the Sandia Lab Table Tennis Singles Tournament will be played Mar. 19-23. Doubles matches are tentatively scheduled for April 2.

Games will be played in the southwest bay of Bldg. 828. Interested observers are requested to enter the building by the north door.

"Great Decisions"

An Evening Well Spent Discussing Problems of Nigeria

Nigeria was the subject being discussed. The participants were not world statesmen or government officials. But the seriousness and sincerity of the talks, which ranged from economic prospects to social reforms, would have been a credit to any Foreign Office.

The scene was an Albuquerque home, the residence of Douglas C. Browne (7162), located at 10814 Claremont N.E. Gathered for the discussion were Doug's wife, Joan, Wright (3423) and Beve Van Deusen, Joseph R. (7242) and Joan Ashcraft, Calvin B. (7242) and Eloise Rogers.

This was a Great Decisions meeting, one of several hundred which have been taking place in Albuquerque homes once a

"I'm not a politician," Charles L. Carpenter (7115) says. He is Coordinator for the Republican Party for Precincts 40 through 47 and is a member of the County Executive, County, and State Central Committees of the Republican party. He has been active in the party for about five years.

Currently Charlie is involved in the many details of the coming primary election May 8.

"Government in a democracy is a big job," Charlie says. "I became active simply because there was a job that had to be done and there was no one else available to do it. My start was being chosen chairman of Precinct 46. At this time there were several thousand people in the precinct, and now the population has approximately doubled. We were involved in urging these people to register and vote.

"This experience was an education," Charlie says. "I found apathy on every side, but fortunately also some dedicated, hard-working individuals. In a democracy it seems unbelievable that so many people do not care enough to vote. The feeling prevails that one vote won't make much difference either way.

"This is not true. Historically many elections have been won or lost, according to the viewpoint, by a very few votes. Every vote is important and it does make a difference."

Charlie is the quiet, soft-spoken supervisor of Project Division 7115 in Strategic Systems Project Department. He likes efficiency and getting the job accomplished. His job of coordinator involves administrative and planning details for the party organization encompassing nearly one fourth of Albuquerque. He is responsible to the County Chairman and serves as his representative to the precinct organizations in many matters.



Charles L. Carpenter (7115)
—Coordinator for Precincts 40-47—

"I did not seek either of the positions in the Party," Charlie says. "The job of Area Coordinator takes a lot of time and rewards are few. I happen to believe in responsible government and realize the necessity for the party system. If every citizen were knowledgeable on the issues and candidates, there would be little need for party workers—or at least the job would be vastly different.

"I believe that every citizen should have the personal interest and responsibility of our democracy and its problems. It is imperative. Our survival might ultimately depend on it."

Charlie shakes his head. "Words will never really do the job. I don't like to preach, and try not to make a practice of it. Each citizen should exercise his individual convictions and work to help achieve goals he believes in."

As chairman of the Bernalillo County Democratic Grass Roots Committee, Robert E. Esterly (3451) is a busy man. This political action group within the Democratic party is interviewing, endorsing, and campaigning for candidates in the primary election coming up May 8.

Candidates endorsed by the Grass Roots Committee will advocate and campaign on the issues clearly formulated by the group's platform. "Based on fact-finding and analysis," Bob says, "Grass Roots study committees have proposed a series of measures which we feel are necessary for Albuquerque and New Mexico to assure our growth and progress. Our candidates will advocate such things as a strong and mandatory merit system in state government, reorganization of state offices for greater efficiency, a progressive state taxation system, and a strengthened Fair Employment Practices Act."

The Grass Roots Committee was formed in 1956 by Democrats who felt their party needed better-qualified candidates who would campaign on specific issues rather than generalities.

"The organization has an issues committee," Bob says, "which meets the year around and keeps the members informed of the problems of Albuquerque and the state. From these issues, we hammer out a platform. Candidates are endorsed on the basis of supporting this platform. During the legislative session we use our platform to testify before committees. Also, we take policy positions on issues as they arise."

Bob is a programmer in Electronic Data Processing Department 3450. He holds Bachelor's and Master's degrees in political science. "After coming to Albuquerque in 1957, I was attracted



Robert E. Esterly (3451)
—Chairman of the Bernalillo County Demo. Grass Roots Committee—

to the Grass Roots organization. It matched my liberal Democratic philosophy in addition to actively working to accomplish specific programs," Bob says.

Most Grass Roots members are also active in regular Democratic Party politics. Bob is chairman of Precinct 43.

"The long-range objectives of the Grass Roots Committee are to achieve a more dynamic Democratic Party through greater citizen participation, to present better-qualified candidates, and to place greater emphasis on the issues. Responsible government depends upon the health of our political parties. It is up to Republicans and Democrats to see that the parties display the kind of vigor we need in a working democracy."

week since early February.

As Joan opened the discussion, she referred to the Great Decisions Fact Sheet which she had on her lap. A notebook contained other information researched from current magazines and library books.

Each of the others also had his fact sheet. The "homework" had been done. They were aware of the facts, figures, history, problems, trends, and opportunities. The question was "What should be the United States' foreign policy toward Nigeria?"

The ideas ranged from direct foreign aid dollars to the Nigerian government that would strengthen its functions, to educational grants for Nigerian

students to attend U.S. universities.

"All of our Great Decisions discussions have been stimulating," Joe Ashcraft said. "By taking the time to try to understand what is happening in the world, your world becomes bigger. The news of the day becomes more meaningful. Our own government's actions are better understood.

"It is frustrating, too," Joe continued. "If you are knowledgeable on world problems you want to do something about them. The Great Decisions ballots are locally tabulated and results sent directly from here to the State Department and our New Mexico congressional delegation. This is something, anyway."

Wright Van Deusen agreed. "I'm learning a great deal about things that I might not have made the effort to find out about if I hadn't become a member of a Great Decisions group," he said. "In addition to this important personal benefit, Beve and I enjoy the meetings. It's fun to spend relaxed evenings with friends tossing back and forth ideas that expand your knowledge and understanding of important issues."

The Great Decisions program is sponsored by the Foreign Policy Association, a national educational agency. This is the fourth year that the program has been conducted in Albuquerque. Max K. Linn (3420) is the Albuquerque Great Decisions Committee chairman.

"The key to Democracy and the Great Decisions program," Max said, "is judgment—individual judgment." He called attention to the stated purpose of Great Decisions: "The decisive ingredient is judgment based on values and ethics, goals and ambitions, knowledge and prejudice. In this respect, the expert is no different than the ordinary citizen. . . . Democracy is the one system of

government which takes account of this individuality and protects it . . . This, in the long run, is what the American system means —to think and decide and act

as individuals in a society constructed for the protection and encouragement of individual thought, decision-making, and action."



DISCUSSING NIGERIA, Doug Browne emphasizes his concern for a strong central government. Others are Beve and Wright Van Deusen and Joan Browne who spent evening discussing Nigeria.



WRIGHT VAN DEUSEN—"Expanding your knowledge and understanding of important issues" from Great Decisions.



JOAN BROWNE, discussion leader—"What should be the U.S. foreign policy toward Nigeria" was the timely question.



BALLOTS are collected at the end of the Great Decisions group discussion. Members express their views on the US foreign relations with Nigeria. In foreground, Joan Browne collects ballots from Cal Rogers. Others are (from left) Doug Browne, Joan and Joe Ashcraft. Ballots are tabulated locally and sent to Washington.

Sandia's Safety Record

Sandia Laboratory HAS WORKED 710,000 MAN HOURS OR 20 DAYS WITHOUT A DISABLING INJURY

Livermore Laboratory HAS WORKED 624,282 MAN HOURS OR 111 DAYS WITHOUT A DISABLING INJURY