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 researched and crafted Section 4513-1. 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 3000 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. Fire treatment and abuse show up in a hurry.

Bill Shively and Gus Apodaca recommend over 20 safes in a day. Repairs are almost always emergencies, they point out. If a safe can’t be looked at the end of a work day, they go to work on it immediately. The locksmiths have 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 canceled 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, dust, and snow 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—winters, summers, winds, and storms.

On June 1, 1961, Tonopah recorded a snow storm. There were snow showers lasting for weeks which resulted in 90 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 22 inches of snow fell. Winds up to 60 mph are frequently recorded.

Despite these weather extremes during the past 12 months the men have been shut down only for three days due to inoperable equipment.

Security and Maintenance are year-around jobs at Tonopah. What matters most at the moment is to take care of the range during unusually inclement weather conditions.

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

W. H. Kingsley, supervisor of Health Physics, Division 2831, has been appointed Chairman of the Board of Directors of the Metromology Division of the American Nuclear Society. The Society was founded in 1956 and helps promote radiation safety through its educational.Divisional members form the backbone of the health physics profession.

Kingsley, who holds a BS in Physics from the University of New Mexico, has been at Sandia for over 20 years and has been active in both the American Nuclear Society and the Health Physics Society. He has served as chairman of the Health Physics Society's committee on Dimensional Metrology and is a member of the American Nuclear Society's Health Physics and Radiation Protection Committee.

Kingsley's appointment is effective as of Oct. 1, 1962, and he will serve a one-year term.

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

J. C. Moody, supervisor of Health Physics Laboratory, Division 2831, at the Los Alamos Scientific Laboratory, has been elected to the Los Angeles Chapter of the American Society for Quality Control.

Moody, who holds a PhD in Physics from the University of California, has been at Sandia for over 15 years and has been active in both the American Nuclear Society and the Health Physics Society. He has served as chairman of the Health Physics Society's committee on Dimensional Metrology and is a member of the American Nuclear Society's Health Physics and Radiation Protection Committee.

Moody's appointment is effective as of Oct. 1, 1962, and he will serve a one-year term.

Work Schedule Change

Effective at 12:01 a.m., Mon., March 12, 1962, employees at Sandia Laboratory will work from 5:00 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 1:00 - 1:15 p.m.
Dilemma of the Ducks

There are many factors that contribute to the flora and fauna of our region. Some of these factors are easy to overlook, such as the presence of waterfowl. However, the state of the world’s waterfowl is under threat. The recent death of his father in Indiana, and the obvious concern for the future of the Great Canopy, makes it evident that we must act now to save our waterfowl populations. The difficulty when three nations are involved, complicates the problem.

The normal threats to waterfowl populations are hunters, illegal traps, agricultural chemicals, disease, inadequate food supplies, and predators. The international aspect complicates the problem, for the necessary coordination is more difficult when three nations are involved.

Forethought prevents many problems. A mutual agreement which will assure sufficient wet lands for waterfowl 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.

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 they observe, and encourage others to observe, the number of years. But it is not enough.

The trip was taken by nine members of Troop 34, ranging in age from 14-16, the scoutmaster, and Committeemen George Rodgers (1440), Jim Conlon (1804), and Gene Joys (4411), “As precautions,” Bill says, “the boys had to make two meals. We voted to board a bus up to Sandia Crest, read a book about the Grand Canyon, and earn first aid and first aid badge.”

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

The drive to Arizone was made in a passenger car, a pickup truck, which carried the gear, and a camper truck.

Early the second day the group started hiking down the Kailhau trail, each person carrying an 18-ft. 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 was finding wood), they took a dip in the swimming pool. The next morning they started the eight-hour hike up Bright Angel trail — a rise of about 4000 ft. At the top it was snowing, so the tents they had on their backs 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 manageable for all.” Bill says. With this experience, the troop plans to make the Grand Canyon trip annually.

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

The Great Canopy 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.

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On March 16, 1962, the SLN news page three featured an article about Supervisory Appointments.

JOE CROMPTON (3562-1) uses flip chart to visualize his talk on flip chart. Effective Presentations course was primarily a "doing" class. Students spend most of their time preparing and giving talks. Discussions and role-plays follow the talks with aim at improving members' abilities.

J. R. ASCHSCHTETT to supervisor of Programming section B 7492-1, Mathematical Sciences Division.

Joe has been working in L 25 and a 6-h musical and computer program at Sandia Laboratory for the past five years. Joe recently gave a seminar on the same field for Remington Rand 6. Joe has a BSc in chemistry from the University of Minnesota and has also worked for five years as a chemical assistant for the U.S. Dept of Agriculture. Joe also served in the U.S. Army from 1946-48 in the Navy.

MAX D. HODOR to supervisor of Computer Test Data Section 3451-1, Data Center.

Max has been a supervisor in the Supervisory Training 10 years and has worked with personnel and accounting, and now is in charge of the Electronic Data Processing Department during this time. Max attended Utah State University, where he received his Bachelor's degree in commerce.

ROBERT J. EVERETT to supervisor of Hygiene Chemistry Section 3311-1, Environment.

Before coming to the Corporate Health Division, he received a Bachelor's degree in Chemistry from the University of New Mexico and has also completed some graduate work in the field of management.

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

He is a member of the Industrial Hygiene Association.

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 4675-1. Mr. Padilla is a native of the northwest New Mexico town of Dawson, which is now a ghost town when the coal mines closed down in the late forties. He moved with his family to Albuquerque.

Mr. and Mrs. Padilla plan to remain in Albuquerque at 722 Kentucky SE. They have four sons, two daughters, and 14 grandchildren living in such far-flung places as Los Angeles, Denver, and Havana.

In his retirement, Mr. Padilla plans to devote more time to farming and gardening on three acres of land he owns near Bernalillo.
Office Seekers Announce for Primary

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

It appeared that three Sandia men were seeking positions as State representatives for the 1962 session. Others were trying for election to county offices on the following dates.

Last week in New Mexico, Laboratory employees were well represented among the candidates seeking office on the city ticket. William Archuleta was previously employed by the Division of Personnel at Sandia for two-and-a-half years doing mechanical engineering for three years during the Korean conflict. Mr. Archuleta was previously employed by the U.S. Bureau of Labor Statistics in Washington, D.C.

Carl O. Kemp has announced his candidacy for State Representative, Position 7, on the Democratic ticket. He is a Sandian for four years and has been at Sandia during the expansion and development of the Laboratory for three years. He attended the University of Arizona. While employed at the Laboratory for two years he was employed by the National Aeronautics and Space Administration (N.A.S.A.) as a mechanical engineer.

James J. Weber has filed for the position of State Representative, Position 5, on the Republican ticket. He has worked two-and-a-half years for Division III, 2643. Mr. Archuleta was previously employed by the University of Oklahoma in the College of Business Administration.

John P. Mitchell, Jr., is running for the position of State Representative, Position 3, on the Republican ticket. He has been at Sandia for three years as a personnel representative in Division IV, 3121. In 1954 Mr. Mitchell obtained his Bachelor of Science degree in business administration from the University of New Mexico. He worked for three years in the personnel department of the University of Minnesota and the University of Oklahoma before he received his B.A. degree in business administration from the University of New Mexico in 1965.

The 1962 New Mexico legislative session opens on Jan. 16, 1963. "Manuel K. Sieler, administrator of personnel administration at Sandia has filed his candidacy for a position on the county commission. He is a Democrat. Mr. Sieler has been employed by the Sandia Corporation in June 1952. He has worked in the management, financial, personnel service areas and has been assigned to the Engineering and Research Support Division III, 2643. Mr. Archuleta was previously employed by the University of New Mexico at the time he resigned to accept employment at Sandia. He graduated from St. John's College in Santa Fe.

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Sandians Helping With Horse Show

Albuquerque Horsemen's Association will hold a horse show Saturday, Mar. 30, at 8 a.m. at the arena at Pajarito Development Road SW. Both children and adults may enter the English and Western riding classes. For further information contact Betty Tatum (3323-1) at TR 7-0997 or R. E. Bader at TR 7-0842.

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 Minamour Base, 7-11, and Kirtland Air Force Base, 45-44. Sandia Base was the champion. Shown above are, from left, Jim F. Sanchez (3753), Gene A. Eskinett (4433), James F. Hudson, Jr. (3131), Leo C. Chavez (3444), John F. Smatanas (1111), James M. Freese (4152), Dale McLaughlin (3125), Robert W. Martin (4151), and Leonard A. Krasco (4151). Team members not shown are Donald W., Jim Sweet, R. Locke (3125), Phillip T. Looper (4412), Don L. Dekker (5201), and Keith D. Christian (3225).
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 tract of land. It lies in the valley between the Rio Grande and the Sandias. Giant cottonwoods, fruit trees, evergreen pines, cedars, scrub, and low shrub abounds mark the property.

This is La Casa de Maha (House which translated means “The House of (Bed) Dreams”) the aim over the years of the Ross family.

“My friends called me Crazy Gordon when we moved in two years ago,” says Ross. “They said anyone who would leave a modern, comfortable home to move into a semi-desert area was out of his head. For a while I almost agreed.” Gordon is a personnel representative in AEC. Co-workers were his chief critics—at first.

Gordon stresses 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 terracotta, blocks of sand and gravel were cut from a grass field and the shaped in a mold. Giant vijas of hand-hewn logs support the roof.

“The roof was a problem when we first moved in.” Gordon said. “The house had been unoccupied for two years and the roof leaked. This had destroyed part of an interior wall and ruined the original floors. We repaired the ceiling and the walls where necessary to level the roof. Then we covered the dirt ‘mutilation’ on the roof with city-type gravel and gravel.”

By fall of the first year, the walls, ceiling, and floor of the Rincon home, kitchen, bath, and utility area was complete. The Ross family moved in.

“Thast 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 erected. Wicitc in this part of the house was installed. Two large bedrooms shapped up. Two of them in this part of the house were covered with a “brown” coating of plaster.

“One of the rooms might eventually be an art studio,” his wife says. “We need plenty of room for all our hobbies.”

“We hope to install brick floors in this room for the future,” Ross adds.

“We’ve had setbacks,” Nina says. “A family of rabbits decided to make themselves at home; under the house and then a irrigation ditch broke the house and water flooded a just-finished septic tank. Happenings like these give us inexperience on what that’s all about.”

Rabbits of two years’ work are visible in the house. The present living room has a comfortable room with alaming white walls. Viga and ceiling boards are polished to a sheen.

Gordon’s hi-fi and FM cabinets line one wall of the room. The Sandias provide a wonderful view.

The kitchen is large and efficient. Nina is a home economist. Her kitchen and areas are bare specialties. Last year she took several courses at the State Fair and won a new sewing machine. Two years ago the State Fair Gordon and Nina placed second in the overall state garden exhibit computerized, computers, etc. (. . .)

“We can live comfortably here and the kids are growing up,” although it will take years to yet it finished. A place like this is never really finished. But the visions we had as we moved in are beginning to come true.”

“Besides, it’s fun,” Nina says. “The boys love it.”

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

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

LAB NEWS PAGE FIVE
B. (7242) and Eloise Rogers.

Home, the residence of Douglas

Soft reforms, would have been

ed observers are requested to

10814

Junior High

School for four civics classes at Lincoln

3122-2 has announced that final

Henning, supervisor of General

Table Tennis Finals

was discussed by V. O. Henning and Joan Browne who spent evening discussing Nigeria.

A

pages LAB NEWS

Page Six

March 16, 1962

W. J. Whittle to Speak to Engineers

On Clean Rooms

Willis J. Whittle (1946-21) who

designed the Whittle Lab "Whit-

field ultra-clean room," will speak

before the local chapter of the

American Society of Heating, Re-

frigoration and Air Conditioning

Engineers on Tuesday, Mar. 20.

His address, "Industrial Clean

Room Engineering," will cover the

basic need for ultra-clean environments in industry, the principles involved, problems of dust, and personnel. In ad-

dition, he will tell how the Whit-

field ultra-clean room was de-

veloped.

The dinner meeting will start at

6:30 p.m. in the Hotel Jen, 8194

Fourth St., NW. Guests are wel-

come. For reservations call Wil-

liam Coleman, CH 7-0311, ext.

2750.

V. O. Henning Speaks

On Career Planning

To Lincoln Students

"Career Planning and Produc-

tion," was discussed by V. O. Henning, supervisor of General

Employment Services, Section 3122-2, be-

fore 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 10th Annual Table Tennis Singles Tournament will be held April 2. The matches are tentatively scheduled

for April 3.

Games will be played in the south wing of Hall BIB. 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 govern-

ment officials. But the seriousness

and sincerity of the talk, which

resulted in discussion, on the

social reforms, would have been

a surprise to many.

The scene was an Albuquerque

home, the residence of Douglas

C. and Joan Browne, which was

located at 18014 Claremont N.E. Gathered for this discussion was

Chuck's wife, Joan, Wright (3423) and

Bonnie Ashcraft, Joseph K.

(7424) and Joan Ashcraft, Calvin

B. (1294) and Elsie Rogers.

This was a Great Decisions

meeting, one of several hundred

which have been taking place in

Albuquerque homes once a

week since early February.

As Joan summed the discussion,

she referred to the Great Deci-

sions Ballots and the statistics

sent directly from here to the

Great Decisions headquarters on

her laptop. A notebook contained

information excerpted from current

magazines and library books.

Each of the others also had his

fact sheet. The "homework" had

done plenty of good service be-

cause of the facts, figures, history, problems, trends, and opportunities. The questions was "What should be done about the United States foreign policy toward Nigeria?"

The ideas ranged from direct

foreign aid to the Nigerian

government that would strengthen its functions, to edu-

cational grants for Nigerian

students to attend U.S. univers-

ities. "All of our Great Decisions
discuss every country in the world," Joan Ashcraft said. "By understanding the world we are able to understand what is happening in the world, our world becomes bigger.

The news of the day be-

comes more meaningful. Our

own government's actions and

campaigns look a lot different.

It is frustrating, too," Joan

continued. "If you are know-

ledgeable 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 Democratic and New

Mexico congressional delegation.

This is something, anyway."

Wright Van Deusen agreed. "I am 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 impressive personal benefit, Beve and I enjoy the meetings. It's fun to spend relaxed evenings with friends toasting back and forth ideas that expand your knowledge and understanding of important issues."

The Great Decisions program is sponsored by the Foreign

Policy Associates, a national educational agency. This is the fourth year the group has been conducted in Albuquerque. Max K. Linn (1548) is the New Mexico Democratic 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, education, goals and ambitions, knowledge and prudence. In this respect, the expert is no different than the ordinary citizen."

The next meeting of the group will be at 6:30 p.m. at Robin Hood Inn, 6-3011, ext. 7-0311.

WRIGHT VAN DEUSEN—"Ex-

panding your knowledge and gaining an understanding of world issues from Great Decisions." A...

JOAN BROWNE, discussion leader—"What should be the U.S. foreign policy toward Ni-

geria?" was the timely question.

DISCUSSING NIGERIA. Doug Brown emphasizes his concern for a strong central government. Others are (from left) Doug Brown, Joan and Joe Ashcraft who spent evening discussing Nigeria.

SANDIA'S SAFETY RECORD

Sandia

Laboratory

HAS WORKED

710,000 MAN HOURS

OR 20 DAYS

WITHOUT A

DISABLING INJURY

Livemore

Laboratory

HAS WORKED

624,282 MAN HOURS

OR 111 DAYS

WITHOUT A

DISABLING INJURY

As chairmen of the Bernalillo County Democratic Grass Roots Committee, Robert E. Estesly (1951) is a busy man. The local action group within the Demo-

cratic party is interviewing, endorsing, and campaigning for candidates in the primary election coming up May 8.

Candidates endorsed by the Grass Roots Committee have proposed a series of meas-

ures which we feel are necessary for Albuquerque and New Mexico to assure our growth and pro-

gress. Our candidates will advocate such things as a strong and mandi-

tory merit system in state gov-

ernment, reorganization of state offices for greater efficiency, a progressive state taxation system, and a strengthened Fair Employ-

ment Practices Act.

The Grass Roots Committee was formed in 1956 by Democrats who felt their party needed bet-

ter-qualified candidates who would campaign on specific is-

sues rather than generalities. "The organization has an is-

sue committee," Bob says, "which meets regularly and keeps the informed of the problems at the state level. From these issues, we hammer out the platform. The candidates are endorsed on the basis of sup-

porting this platform. During the legislative session, we use our platform to testify before com-

mittees. After the primaries, we take policy po-

tions on issues as they arise." Bob is a programmer in Elec-

tronic Data Processing Department. He has a B.S. in Business and Master's degree in political science. "After coming to Albu-

querque in 1957, I was attracted to the Grass Roots organization. It is a liberal, yet Demo-

cratic 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 the 34th District. The "long-range objectives of the Grass Roots Committee are to achieve a more dynamic Demo-

cratic Party through greater citi-

zen participation, to present bet-

ter-qualified candidates, and to place greater emphasis on the is-

sues. Responsible government de-

pends upon the health of our political parties. It is up to Re-

publicans and Democrats to see that the parties display the kind of vigor we need in a working democracy."