



BUCKLE UP FOR SAFETY — Capt. K. A. Dickerson, NWC Commander, lends his support to the children's car safety seat loan program by helping AK2 Kenneth Teeter buckle his 17-month-old son Kenny into one of the seats the Teeter family has rented from the Children's Center. Non-military families can call on the High Desert Junior Women's Club if they wish to rent a car safety seat for use before purchasing one of their own.

Children's Center has car safety seats to loan military personnel

Learning to be safety-conscious is a trait that can't be picked up too early in life.

That's the firm conviction of AK2 Kenneth Teeter and his wife, Joan, who make sure that their infant son, Kenny, is protected by a crash-tested car seat on loan from the Children's Center whenever the family is going anywhere in a car.

Not only is it mandatory to do this, but it also makes good sense, since statistics show that auto accidents are the No. 1 cause of fatalities or crippling injuries to those from birth up through 37 years of age.

Research also has shown that 85 percent of the deaths and about 66 percent of the injuries could have been prevented if vehicle drivers had "immunized" themselves and their passengers by using seat belts and also buckling up tiny tots in crash-tested safety seats.

The NWC Safety Office has taken an active role in emphasizing vehicle safety for both children and adults, and also has helped to get the car safety seat loaner programs moving by making such safety devices available to the children of military families.

The ball has been picked up by the Children's Center at China Lake and by the High Desert Junior Women's Club, both of whom have car safety seats for children that can be borrowed by local area residents. There is a rental charge of \$1 per month for car safety seats, as well as a small deposit that is returned when the seat is brought back in good condition.

California law requires that children under four years of age, or who weigh less than 40 lb., must be secured in a crash-tested safety seat. In addition, drivers must have their seat belts fastened while traveling around the base. This requirement was initiated in a move aimed in getting all NWC

Metal Trades Council
The Indian Wells Valley Metal Trades Council will hold its next monthly meeting on Thursday, March 1, at 4:30 p.m. at 520 E. Inyokern Rd.

personnel and their dependents into the habit of using automobile seat belts.

Anyone with questions about traffic safety at China Lake can contact the Safety Office by calling NWC ext. 2367.

To inquire about renting a car safety seat, military families should call Polly Ferraro at the Children's Center, NWC ext. 2735, while others can contact the High Desert Junior Women's Club by phoning Janet Tomkins at 377-4061.

Soviet Emigre Orchestra to present concert Monday

The Center theater will be the setting on Monday at 7:30 p.m. for a performance by the Soviet Emigre Orchestra, under the leadership of Lazar Gosman, as music director.

Featured during this, the fourth program in the Indian Wells Valley Concert Association's 1983-84 series, will be the Soviet Emigre Orchestra's renditions of Mozart's Serenade in G Minor ("Eine Kleine Nachtmusik"), works by Tchaikovsky, and "Sinfonietta" by Shostakovich, subtitled "in memory of victims of fascism and war."

Single event tickets for this performance are priced at \$7 for general admission, or \$5 for persons under 21 or over 65 years of age, as well as full-time enlisted military personnel.

A limited number of tickets will be on sale in advance at the Music Man or Medical Arts Pharmacy in Ridgecrest, or at the Maturango Museum on the Naval Weapons Center. In addition, the theater box office will be open at 4:45 p.m. on Monday to handle any tickets that remain to be sold.

Some mid-season memberships in the Indian Wells Valley Concert Association, which provide substantial savings for the remaining concerts this season, also are available. Information about IWVCA memberships can be obtained by calling 375-5600.

The Soviet Emigre Orchestra is composed of talented musicians who have emigrated to this country from the Moscow, Leningrad, and Odessa Philharmonic Orchestras, and the Bolshoi Theater, who are joined by some fine American musicians as well.

Tryouts slated for China Lake Players' production 'Rainmaker'

Tryouts for "The Rainmaker," a romantic comedy that will be the first production for the China Lake Players this year, will be held on Tuesday, Wednesday, and Thursday, Feb. 28, 29, and March 1, from 6:30 to 9:30 p.m. at the Playhouse, corner of Lauritsen Road and Blandly Avenue.

The production will be presented on April 13, 14, 20, 21, 27, and 28.

Karen Buehler, director of the play, says that tryouts are open to anyone, and that those who wish to try out should plan to be present during at least two evenings of the tryouts if they can.

The roles that need to be filled include Lizzie, a young woman in her late 20s who is seeking a husband, her father, and her two brothers who are trying to help her find a husband.

Also in the cast are a disillusioned deputy sheriff, who is unable to express his feelings for Lizzie, and his friend, the sheriff.

And, of course, there is a fast-talking rainmaker, who arrives in the drought-stricken southwestern town and promises to bring rain for only \$100.

Navy Exchange plans special sales events Feb. 29 to March 3

The Navy Exchange invites customers to take advantage of special sales from Feb. 29 to March 3.

A "Shape Up for Summer" sale will feature merchandise in sporting goods, clothing and miscellaneous items.

The Garden Shop will promote selected items for spring clean up, and fishermen can stock up on fishing gear at discount prices during the Fish-o-Rama sale.

In addition, fishing licenses are available at the personalized Service Center counter in the main store.

A new taste treat awaits patrons of the NEX Snack Bars. Chicken golden nuggets may be purchased at the Bennington Plaza, Bowling Alley, Aerodome, Salt Wells, and Michelson Laboratory Snack Bars. In addition, there will be new monthly special prices on selected items, beginning March 1.

MOVIES

(G) ALL AGES ADMITTED
General Audiences
(PG) ALL AGES ADMITTED
Parental Guidance Suggested
(R) RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY, SUNDAY FEBRUARY 24, 26
"TREASURES OF THE SNOW"
Starring Paul Dean and Carey Brown
(Drama, rated G, 117 min.)

SATURDAY FEBRUARY 25
"FIREFOX"
Starring Clint Eastwood and Freddie Jones
(Action/Drama, rated PG, 136 min.)

WEDNESDAY FEBRUARY 29
"SMOKEY AND THE BANDIT III"
Starring Jackie Gleason and Pat McCormick
(Action/Comedy, rated PG, 85 min.)

Housing Div. offers help if tenants wish to reestablish council

If any residents in Center housing, either military or civilian, are interested in reinstating the China Lake Community Council, they will receive administrative support from the Housing Division in doing so.

When it was active, the organization served as an excellent forum for the interchange of ideas between occupants and management, and also provided channels of communication among the residents.

To become active once more, the organization would require individuals willing to volunteer a few hours of their time each month to plan meetings for all residents and to take care of other necessary functions.

Even though the tenants' group operates as a separate organization rather than receiving direction from Center Command, Dwight Holford, head of the Housing Division in the Public Works Department, has volunteered to serve as a point of contact for those who wish to volunteer to serve as officers or to help reorganize the China Lake Community Council. He can be contacted by calling 3411, ext. 318.

Panama

The orchestra's European debut in 1983 was highlighted by critically-acclaimed concerts in Austria and Switzerland.

"Musical Passage," a film about Gosman and how he came to America and founded the Soviet Emigre Orchestra, will be released soon. This documentary provides insight into the experience of emigrants from Russia as the films follows the orchestra on tour through America, at home in New York, and at a triumphant concert in Carnegie Hall.

Gosman, who emigrated to the United States in 1977 from Leningrad where he was on the faculty of the Leningrad Conservatory, in addition to serving as the director of the Leningrad Chamber Orchestra, is now a professor of violin and chamber of music at the State University of New York at Stony Brook.

He also is the director of the Kammergild Chamber Orchestra of St. Louis, Mo., (a group patterned after his Leningrad Chamber Orchestra), and is an artist-in-residence at Missouri State University.

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Lazar Gosman, orchestra director

York's Carnegie Hall and also appeared at Lincoln Center's Avery Fisher Hall, and at the Philadelphia Academy of Music.

The following year, the orchestra founded the annual Ticonderoga Festival in upstate New York. During the 1981-82 season, the Soviet Emigre Orchestra appeared with great success throughout the U.S. and Canada and completed its first tour to South America, including performances at Bogota, Columbia, and in Panama City,

From: _____

To: _____

PLACE STAMP HERE



NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

Military urged to get involved in Gen'l Election

A major effort designed to ensure that all Navy and Marine Corps personnel and their families are assisted in every way possible to obtain absentee ballots and participate in the 1984 General Election is underway Navywide at the urging of Secretary of the Navy John Lehman.

SecNav Lehman points out that since the majority of Navy and Marine Corps personnel serve outside their home state, the only means available to them to vote in Primary and General Elections is by absentee ballot.

Calling for an active, Command-supported Voter Assistance Program, the Secretary of the Navy stated: "We must ensure that each man and woman is aware of procedures necessary to obtain and cast a ballot and has every opportunity to exercise the right to vote. The personal involvement of all will be necessary to achieve this end."

These same sentiments have been voiced by Admiral James D. Watkins, Chief of Naval Operations, who has been very active in the effort to get Sea Service people to vote. In a mid-January personal letter to flag officers, commanders, commanding officers, and officers-in-charge, the CNO wrote:

"We are willing to give our lives to protect the right of free peoples everywhere to vote for their national leadership. Yet our own (Navy) voting record, at not much better than one half the national average, is not something of which any of us should feel very proud.

"Let's turn this record around," the CNO urged. "Get involved! See that your program is well-planned and executed!"

Admiral Watkins estimated that the Navy has the possibility of as many as four million votes from active duty personnel, their dependents and other family members.

"If we could get half of these people voting, Congress would begin to regard the Navy as (a group of) constituents and pay more attention to us," the CNO said.

At the Naval Weapons Center, Cdr. G. F. Herbst, head of the Military Administration Department, has been designated the Voting Assistance Program

Capt. K. A. Dickerson, NWC Commander, expressed his views on the matter this way:

"As members of the military, our lives and future depend upon the decisions made by our national leadership. By voting, you can help influence those decisions. I urge each of you to vote. It is an important process."

He is being assisted by Lt. Dave Feldman, associate head of Code 21, and TMCM J. W. McAllester, Master Chief Petty Officer of the Command.

The three will visit each military division and shop to line up representatives who will be contacting individuals within their work area to ensure that all military personnel are aware of the steps that need to be taken in order to obtain an absentee ballot.

Copies of the Department of Defense Voting Assistance Guide will be in the hands of each Voting Assistant Program representative in the various shops and divisions so that accurate and complete information can be provided regarding Primary and General Election dates and deadlines for the submission of absentee ballots.

Plastic-bonded explosive developed here approved by NAVSEA, ready for Fleet use

As a result of highly successful first article acceptance tests held by the Thiokol Corporation, a plastic-bonded explosive (PBXN-107) developed by the Naval Weapons Center has been approved by the Naval Sea Systems Command for service qualification and is ready for Fleet use.

The Thiokol Corporation processed and loaded the explosive in the warhead, and the Naval Weapons Station, Yorktown, Va., signed off the article of acceptance.

The advantages of the new explosive are many: it is relatively insensitive (meaning it will not explode readily until it is supposed to), it has good thermal properties and remarkably mild behavior on cook-off as a result of exposure to fire, it can be formulated at ambient temperatures without particularly sophisticated equipment or processes, and it still delivers the impact needed when a warhead hits its intended target.

The explosive was developed under the sponsorship of the Naval Sea Systems Command and NWC, which fund a fire and temperature resistant explosives program designed to give the Navy maximum operational safety.

The Navy is especially interested in safe explosives because weapons stored aboard a Navy ship can endanger the ship and its crew as a result of fires caused by accident or enemy action.

Initial developer of the new explosive was Barbara Stott, a chemist in the Conventional Weapons Division of the Ordnance Systems Department, who has since left the Center. Dr. Tucker Yee, also a chemist in the Explosives Branch, worked with her for about a year before she left, and has continued the work since.

Public concerns regarding proposed Navy land acquisition aired at meeting arranged by BLM

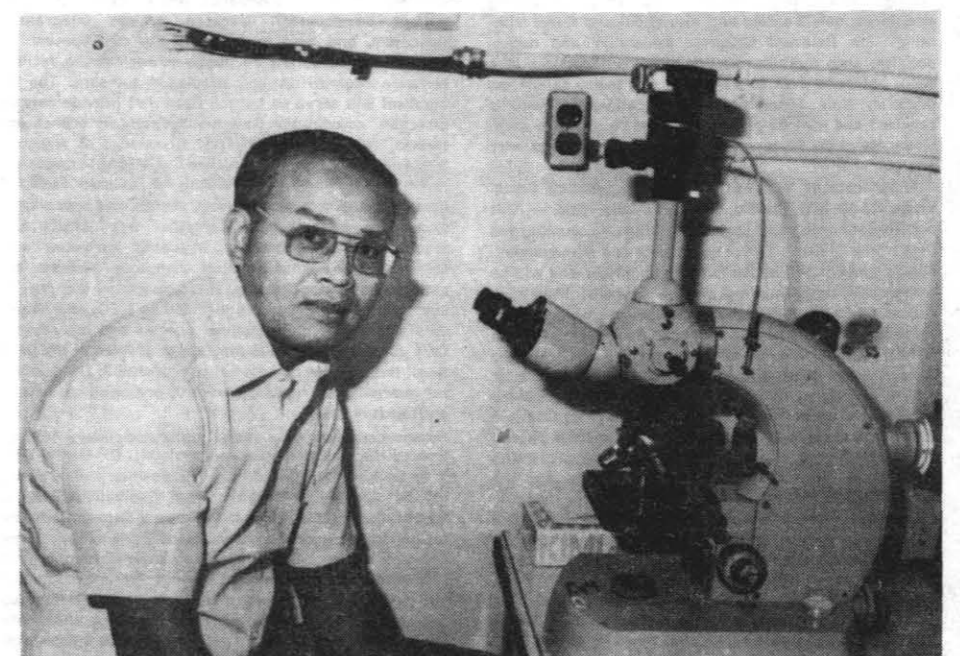
Public concerns that need to be addressed in an Environmental Assessment of the effect of withdrawing 8,320 acres of desert land adjoining the Center's Randsburg Wash range were the focus of a scoping meeting held on Feb. 16 by the Bureau of Land Management (BLM).

The meeting was held in the Community Room of the Desert Counseling Clinic because it is larger than the conference room at the BLM office and more than 30 people were expected to attend.

Additional land is required by the Naval Weapons Center to ensure the security of a test site located in the west central area of the Randsburg Wash Test Range. The location of the test site was chosen because of the topography and to facilitate integration with other anti-air warfare threat facilities at Randsburg Wash.

When the site was built, off-road desert use by the public was minimal and posed no threat to either national security or to the physical well-being of desert visitors. Since that time, the nature of air warfare has changed dramatically due to technological advances in both air defense and air warfare systems so that additional space is required for protecting the security of air warfare systems and for public safety. Also, increased numbers of persons are using desert land for recreational and other purposes.

On publication of a notice in the Federal Register on Jan. 20, the land was segregated for a period of two years. During that time, an Environmental Assessment must be



FINAL LOOK — Dr. Tucker Yee checks the structure of a new plastic bonded explosive. This explosive has passed first-article acceptance tests and is on its way to the Fleet.

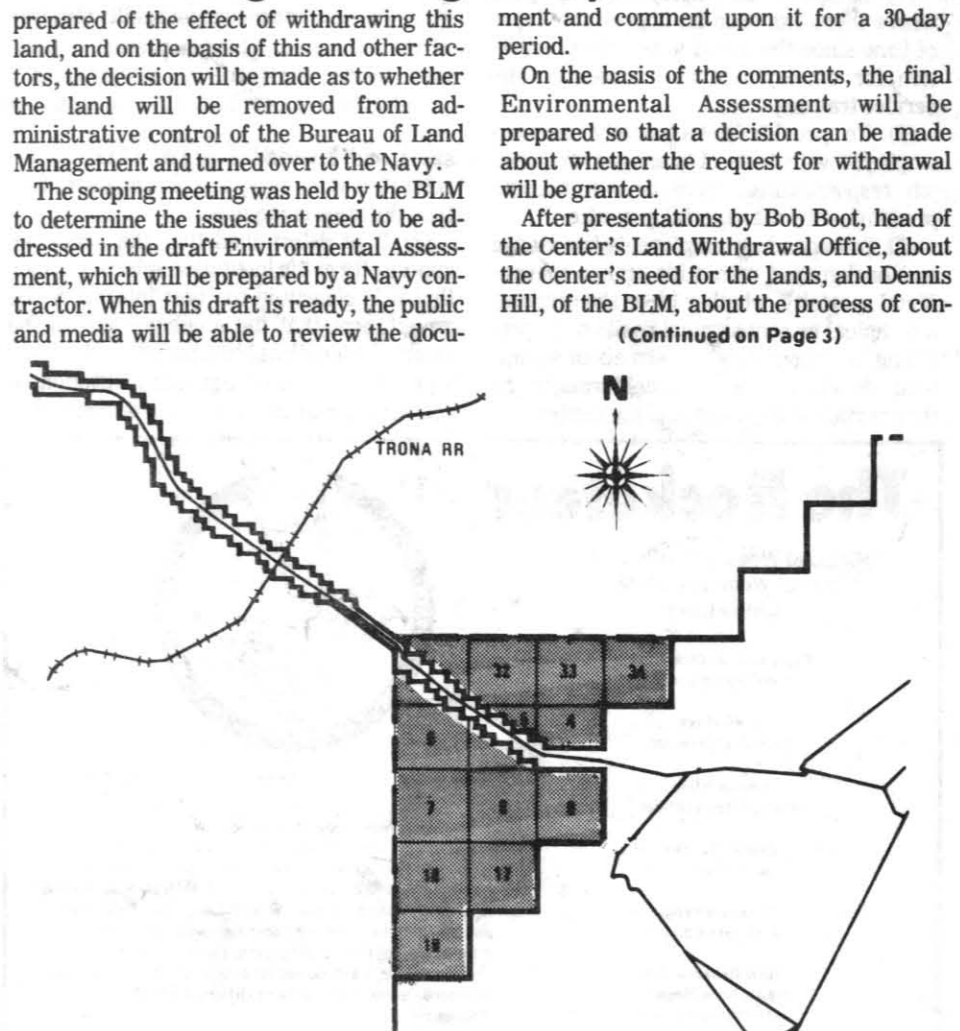
During the early development stage, a problem was detected with the original explosive formulation. When loaded into projectiles a sporadic swelling could lead to a dimensional instability that would limit the use of the explosive in some types of warheads. The problem has been corrected and the versatility of the explosive greatly increased.

To accomplish the improvement, Dr. Yee studied the explosive to identify and then verify the source of the problem. Through literature search and meticulous experimentation Dr. Yee was able to alter the chemical composition of the formulation

and eliminate the swelling without degrading the effectiveness of the explosive. Finding the cause, he says, was the most difficult task because all the ingredients had to be examined carefully, a list of possible causes compiled, and then each of these eliminated in turn.

The pilot plant stages of process development were handled by the Naval Weapons Station at Yorktown. Dr. Yee feels that the outstanding contribution of NWS Yorktown is demonstrated by the excellence of the production package that enabled the first article acceptance tests to succeed on

(Continued on Page 3)



The gray area shows land considered for withdrawal!

