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Nov. 21, 1991

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| Tues. | 66 | 30 | 8 |

Master Chief Keeler on way to recovery

AVCM Billy Keeler, Naval Weapons Center Command Master Chief, who suffered a heart attack last Tuesday, was released from the hospital this Tuesday afternoon. "He was in good spirits when I talked to him this morning," Lt. Adam Paterson, administrative officer, said Tuesday morning.

Master Chief Keeler's wife, AGCS Karen Keeler, who is attached to the Naval Support Force Antarctica, arrived Saturday. Arrangements are underway to allow her to stay at China Lake during Keeler's four- to six-week recovery.

Keeler's duties will be temporarily assumed by FCCM (SW) John Capazzi.

During their conversation, Lt. Paterson said, Keeler expressed his deep appreciation for the many cards and flowers he'd received at the hospital. Those wanting to pass on their best wishes to the master chief can send them to his home at 2022 Coral Sea, China Lake.

Rocketeer has early deadline next issue

Early deadlines are in force this week for the *NWC Rocketeer* because of the Thanksgiving holiday. The paper will be distributed on **Wednesday, Nov. 27**, next week.

To meet production requirements and get the paper to the printer on time, all items for the next issue of the paper must be turned in no later than close of business today (Thursday). Items submitted after today may not make it in the next issue of the *NWC Rocketeer*. For additional information call NWC ext. 3354.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 45, November 21, 1991

Steve Tanner handed Hays Award

Crucial work in environmental engineering field brings NWC recognition

By Peggy Shoaf, Rocketeer Staff Writer

"I figure there must have been a shortage of candidates this year," modestly said a smiling Steve Tanner, the newest recipient of the Burrell W. Hays Award for Production Support. Two other Naval Weapons Center employees were also recognized for their production support efforts at the third annual Burrell W. Hays Award luncheon last week when they received Golden Rung Awards (see story, Page 7).

Burrell W. Hays, former NWC technical director, and for whom the award is named, called Tanner to the platform to receive the special honor. Tanner's leadership of the Engi-

neering Department's Environmental Engineering Branch has made NWC "a key player in environmental engineering for weapon systems in the Navy and has resulted in excellent working relationships with the various technical management offices," Hays stated.

"His group provides the support needed by all customers to ensure the weapons ultimately work in the fleet environment. His long-range planning has given NWC the technology and equipment required to provide world class environmental support well into the future," Hays added.

The Burrell W. Hays Award is given by NWC's Engineering Department to senior

employees who have made significant, long-term contributions to the furtherance of the Center's mission in the area of production support. Recipients are recognized for innovative and creative approaches to solving production problems and issues, for overall improvement of the application of production-support disciplines, for innovation in applying technical and managerial skills and resources to production-support disciplines and philosophies and by acting as mentors to new employees and subordinates.

Chris Peterson, head of the Fleet Engineering Division, wrote in nominating Tanner, "A (Continued on Page 6)



TURKEYTIME-- Managers of the Aircraft Department and others took turns serving up the bird with all the trimmings last Thursday in Hangar 3, as the department offered its third annual Thanksgiving Luncheon. Started as an act of gratitude to the code's numerous military personnel, this year many civilian and contractor employees chowed down as well. See story and more photos on Page 3.

Job, hobbies keep Boyack hopping

By Barry McDonald
Rocketeer Staff Writer

Articulating a philosophy for living self-help groups, spiritual advisors and psychoanalysts endeavor to teach their regulars, Al (Robert A.) Boyack says, "I don't make plans. I take life a day at a time and leave myself open to take advantage of opportunities that come up. Recent recipient of a 45-year federal service pin, Boyack credits that philosophy, his work and hobbies (bicycling and photography) for keeping him happy, but, at 63, credits his relative lack of grey hair to his "grandad's genes."

All of his federal service has been at China Lake, starting at 17, as a general helper in the

Public Works (PW) Department in July 1945. He'd come to the area from Bellflower, Calif., when his father took a job here. Since his father had to live in a dormitory, not wanting the young man to live alone and because they were in desperate need of workers, officials looked the other way and hired him despite his being underage.

In 1950, still in PW, he became a locksmith and five years later transferred with the same title to the Propellants and Explosives Department, where he stayed. While he progressed from locksmith to machinist to model maker, the department's name has evolved to the current Ordnance Systems Department.

In 1983, Boyack received the Clarence E.

Renne Award for outstanding achievement in upgrading of facilities. He said Renne was a big believer in constant improvement of facilities and he had great respect for him. "To be put in that category was a real compliment to me."

In 1987, he was nominated for the Los Angeles Federal Executive Board awards program as outstanding Para-Professional Employee for his "ingenious solutions to numerous design and fabrication problems."

Winner of a half-dozen special act awards, the most recent came last summer, when once again he was honored for design and fabrication solutions. The nominating letter by (Continued on Page 8)

Commentary

NWC Rocketeer

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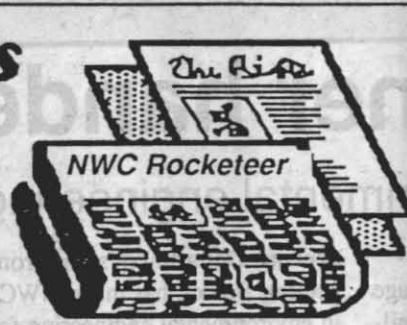
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Pages from the Past



November 21, 1986

Cdr. Joe Dyer, a former China Laker, now the CO of the Naval Plant Representative Office in Australia, paid a special visit to NWC to make an award presentation to Code 35's Chuck Overmier. . . The technical library celebrated 40 years of service to China Lakers. . . Jeff Meriam of Code 25 reports three MIPs approved by the Navy will save procurement time and money. . . John Gibson, an NWC meteorologist, is forecasting a wet winter for 1986-87. . . The week's police report noted an 11-year-old took money from a six-year-old in a fraudulent manner.

November 20, 1981

Command Master Chief duties have been assumed by AFMC Richard Brant. . . The first F/A-18 Hornet arrived at China Lake to be used by VX-5 for operational test and evaluation efforts. . . Forty-one percent of China Lake employees made CFC pledges this year for a total of more than \$130,000. . . Capt. Doug Kerby assumed command of NWC Reserve Support Union 0176. . . B.W. Hays, NWC laboratory director, was guest of honor at the Marine Corps Ball. . . NWC Skipper, Capt. J.J. Lahr, was guest speaker at Veteran's Day ceremonies in Ridgecrest.

November 18, 1966

Hans Lindblom, Code 3037, was elected as president of an automated data processing users group. . . Lt. Col. Noah C. New, senior Marine at NOTS, presided over the annual Marine Corps Ball. . . Life magazine sent a team to do a feature on NOTS Technical Director, Dr. W. B. McLean. . . ADR3 Rudolph Falcone, a NAF sailor, survived an 11,500-foot sky diving fall when his parachutes failed to open properly. He was walking around the very next day. . . Lt. John Williams is the newest aviator assigned to the Naval Air Facility.

November 21, 1951

Dr. L.T.E. Thompson officially left NOTS to become a special consultant to Norden Laboratories, but remains on the Station Advisory Board. . . Bill Munns, a Michelson Laboratory mechanic, won a \$150 Beneficial Suggestion award. . . George Hickman is the new head of the Personnel Department's Employment Division. . . Former NOTS employee PFC John Moore is missing in action in Korea. . . NOTS Executive Officer, Capt. C.R. Criddle, was the guest speaker at the Marine Corps Ball celebrating the 176th birthday of the Marine Corps.

Relax... buy bonds for Christmas

Christmas is just around the corner. This can be a pleasant thought, as we think about family gatherings, carols and beautiful light displays. But it can also be a nightmare -- remembering last year's desperate search to find that perfect gift in a crowded shopping mall. Well, relax Virginia, because Santa Claus is here, even in the desert at the Naval Weapons Center (NWC), in the form of U.S. Savings Bonds.

Savings Bonds make wonderful gifts for everyone in the entire family. They are an investment in the future and are much more likely to be remembered when spent than cash. They come in denominations ranging

from \$50 to \$10,000. Purchased for half their face value, as little as \$25 will start earning interest for a favorite friend or relative.

Bonds are free from state and local income taxes, and federal tax can be deferred until the bonds are redeemed or reach final maturity (whichever happens first).

Once held for five or more years, bonds earn market-based rates or a guaranteed minimum rate of return (currently six percent) that protects the owner from a market decline. Savings Bonds are also backed by the full faith and credit of the United States and can be replaced if lost, stolen or destroyed.

Bonds are especially good gifts for parents planning on financing a child's education. For some families, bonds can be totally tax exempt when used to pay tuition and fees.

Bonds can be purchased through most local banks or through the Payroll Deduction Plan (just stop by the Payroll Office or call them at NWC ext. 2121 and ask for the Savings Bonds Payroll Deduction Form).

With such a versatile gift so easily at hand, no one should have any trouble meeting the needs of everyone on the Christmas list. Plus, with shopping made so easy, there will be plenty of time to enjoy the season. Happy holidays!

China Lake Calendar

Thursday, Nov. 21

. . . JP/Co-Op Luncheon, 12 p.m., Seafarer Club.

. . . Change of Charge at Branch Medical Clinic, 2 p.m.

Friday, Nov. 22

. . . Comedy Night at the Seafarer Club, prime rib dinner at 6 p.m., show at 8.

Saturday, Nov. 23

. . . No-Tap Bowling Tournament, Hall Memorial Lanes, squad times 1,3 and 6 p.m.

Monday, Nov. 25

. . . "Testing Expert System Software," Dr. Sung, 10:30 a.m., Michelson Lab Conference Room B/C.

Tuesday, Nov. 26

. . . Computer Society Luncheon, Texas Cattle Company, 11:30 a.m.

Monday, Dec. 2

. . . Holiday Traffic Safety Seminar, 10 a.m. and 1 p.m., Station Theatre.

Submissions for the China Lake Calendar must be received at the ROCKETEER office no later than the close of business on the Friday prior to publication.

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YARD SALE - Fri 18th thru Sun 20th, 8am-3pm. 443 Hubbard Circle (on base). Household goods, baby items, furn.

40 MISC. FOR SALE

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WANTED - Old wood dining chairs. Will pay up to \$25 each. Call 446-7653.

WORLD PROGRESS ENCYCLOPEDIAS, \$200. 3 cockatiels w/cage, \$75. 446-7666.

45 GARAGE SALES

MOVING SALE - kitchen items, wheel barrow, sliding rear window for Mazda pickup 86 or newer, 340 sq. ft. light blue carpet (fits living and dining room of Capehart 'B' 4BR), 11'x13' dk turquoise carpet, canister vacuum cleaner, odds and ends. Sat Nov 23, 8am-7 449 Hubbard Circle (on base). 446-5104.

RETIREMENT/GARAGE SALE - Sat 23rd, 8am-2pm. 2003 Shangrila Circle. Lots of big items, baby clothes, everything must go!

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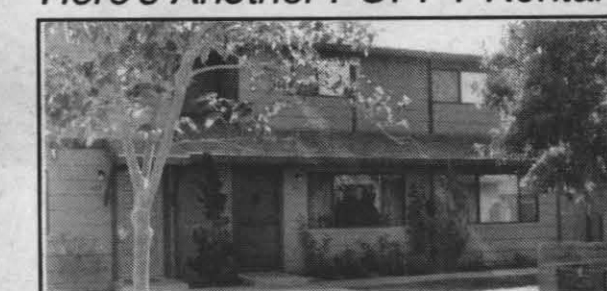
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Community Events

What's happening

Community Connection for Child Care presents a series of parenting tapes over the phone throughout the year. Developed by Resources for Family Development, the tape for this week through Nov. 25 is **Child Care Options**. This 3-4 minute tape covers types of care-centers, family child care home and care in your own home. Tapes can be heard from 5 p.m. to 10 a.m. by calling 375-0446.

###

Attention dart shooters. The Dragons challenge other A & B league teams to outdo them in the Christmas Gift Shoot at Ellie's Dart Pub in Inyokern on Saturday, Nov. 23. Sanctioned by the Indian Wells Valley Dart Association for local children in need, the blind draw doubles, double elimination will start at 1 p.m. The event is to collect Christmas toys for needy children. Cost is \$5 plus a toy. The women are urged to bring a girl's gift for a child under 12, while the men should bring a boy's gift for a child under 12. For more information, call Ellie's Dart Pub at 377-5817.

###

Sharon Ballenger, referred to as the Teddy Bear Lady, will present her large collection of teddy bears to a *Teddy Bear Tea Party*, at the Maturango Museum's Saturday Adventure on Nov. 23. The fun starts at 2 p.m. For more information, call the museum at 375-6900.

###

Applications are now being accepted for the Elks-sponsored Hoop Shoot Basketball Free Throw contest. Intended for boys and girls 8 to 13 years old, the contest will be held at the Kerr McGee Center on Dec. 7. Deadline to apply is Dec. 2. For more information, call Eugene Coley at 375-1691.

###

As a service to Maturango Museum members and the community, the museum will sponsor a free estate and tax planning seminar on Wednesday, Dec. 4, at 7 p.m. in the Sylvia Winslow Exhibit Gallery. Topics to be discussed include general estate planning, tax-saving techniques and how to avoid probate. For more information, call the museum at 375-6900.

###

Meet new hunting companions, learn about new places to hunt, learn wildlife ecology in terms of water resources and improved habitat for all upland wildlife at the Ridgecrest Chapter of Quail Unlimited's meeting at 7 p.m. on Dec. 4 at the Fossil Falls Room in the Kerr McGee Center. There will be a slide presentation on the goals and objectives of Quail Unlimited. For more information, call Bob Sutterlen at 375-4391.

###

Each month, the High Desert Xeriscape Committee offers two awards to Indian Wells Valley businesses who are promoting indoor water conservation, conservation education and waterwise landscaping through the proper use of xeriscape principles. The first two award recipients were the NWC Community Federal Credit Union's corporate offices on south China Lake Boulevard and the Ridgecrest office of Southern California Edison.

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Discover the holiday magic with the children this season

This year, the Morale, Welfare & Recreation Department has a number of treats for children. Enjoy "Holiday Magic for Kids" at the Children's Holiday Party, Breakfast With Santa and the Kids New Year's Eve Party.

Children of all ages should enjoy "Holidays Around the World at the Children's Holiday Party" set for 6 to 10 p.m. on Dec. 7 at the Youth Center. Activities will include crafts, cookie decorating, Christmas carolling, pinatas, a visit with Santa and sampling a variety of goodies from around the world. Children under five must be accompanied by an adult. Fees are \$3.50 for military dependents, \$4.50 for DoD dependents and \$5.50 for children of private citizens.

Children and adults will enjoy a buffet brunch with all the trimmings during the **Breakfast With Santa** planned for Saturday, Dec. 21, from 9 a.m. to 12 noon at the Seafarer Club. For only \$1.50 each, have a picture of your

children taken with Santa Claus. Tickets are available at the Seafarer Club, Child Care Centers and the Youth Center. Buffet fees are \$5 for adults and \$3 for children (2-12 years of age). Children under 2 are free!

New Year's Eve has traditionally been a time for adults to welcome in the New Year. However, during the

Kids New Year's Eve Party at the Youth Center on Dec. 31

and Jan. 1, children age 5 through 12 can welcome in the New Year, also. During the party, the children will enjoy great munchies, games, movies, skating, crafts and much, much more. Children should bring their own sleeping bags and reservations are required. The party is limited to 50 children.

Fees are \$18 for military dependents, \$22 for DoD dependents and \$26 for children of private citizens.

For more information about any of these activities, call NWC ext. 2909.



Elks offer aid to students taking any vocational/technical training program

Elks National Foundation is offering \$2,000 grants for students planning to pursue a post-secondary vocational/technical course leading to an associate degree, diploma or certificate, but less than a baccalaureate degree. Each grant is for \$1,000 per year for the two years of schooling.

A total of 341 grants are available nationwide. Graduating high school seniors and older students

who desire training or re-training are encouraged to apply. A high school diploma or GED is not required. Students planning to transfer to four-year colleges or universities are not eligible.

Applications are available from Cerro Coso Community College as well as the local Lodge of the B.P.O. Elks of the U.S.A., located at 201 E. Church Street. Application deadline is Nov. 22.



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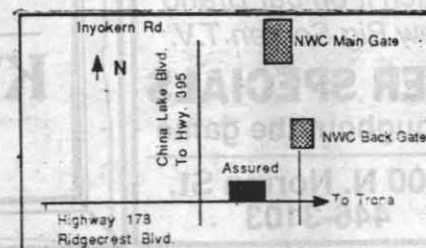
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Military News

Aircraft Department gives thanks to military

Code 61 secretaries cook 3rd annual T'Day feast for 300

By Barry McDonald
Rocketeer Staff Writer

Rank has its privileges, although some honchos choose to dismiss their rank and wait their turn. Such was the case in Hangar 3 at Armitage Field, last Thursday, when the Naval Weapons Center (NWC) Commander and the Marine Aviation Detachment Commanding Officer declined the offer of the Aircraft Department head to move to the front of the line at the department's third annual Thanksgiving luncheon for military personnel. Capt. Douglas W. Cook and Col. J.R. Agenbroad, who arrived in line separately but at the same time, told Capt. B.J. Craig (also NWC's Chief Staff Officer) they had the time to wait in line.

With the adept serving technique of department managers and others working the food line, the wait wasn't long. Apparently ascribing to the philosophy "life is short...," dessert (20 pies, 12 dozen cookies and 10 loaves of banana nut bread provided by the Seafarer Club) was served first.

The rest of the delectable meal was traditional -- turkey, dressing, mashed potatoes and gravy, sweet potatoes, cranberries, rolls and green beans.

Engineering Support Division Secretary Ruth Taylor explained, the idea of having the annual luncheon came from department sec-

retaries who for several years had prepared holiday baskets for the needy and for new Navy families who weren't quite settled at NWC. "So many groups on Center and in town were doing the same thing that it got hard to find families in need," she said. "So we said, 'why don't we do something for our sailors?'"

Airfield Maintenance Division Secretary Jean Winkler added, "A lot of the military don't get to go home for Thanksgiving, so we wanted to provide them a traditional home style turkey dinner, to show them our support and to show that we're all part of the same team."

Now the luncheon has grown to include all Code 61 military, civilian and contractors. "We're estimating this year we served about 300 meals," said B.J. Jorgenson, secretary for the department's head of staff.

The cooking is done by department secretaries at the American Legion Hall in Ridgecrest. They started out with the preparation Wednesday evening, got the turkeys into ovens to cook overnight and were back Thursday at 6 a.m. to put on the finishing touches. This year, with thirteen turkeys to cook, some of the secretaries spent the night in ovens at the Seafarer Club.

Winkler wanted to be sure to thank everybody who helped.

She said this year the entire luncheon cost between \$450 and \$500 and that ordinarily by having doughnut sales and other fundraisers they can come up with what they need. But this year, because the weather didn't allow enough fundraising events, they came up short. So department managers chipped in to make it happen.

Alberson's in Ridgecrest gave the secretaries a special price on 325 pounds of turkey and split the birds in half to make the logistics of roasting easier. "And they had everything ready for us at the checkout stand when we got there," said Taylor.

The American Legion also provided all the pots and pans and even loaned a steam table to keep the food hot. Winkler said the Legion and auxiliary have been a big help all three years and gave specific appreciation to manager Kay Tolman.

Transportation of the feast to the airfield was provided by Flight Support personnel.

Other special thanks were given to those who donated turkeys and the NWC Color Guard.

"Thanks" was a shared sentiment in the hangar--given by the secretaries in the form of the meal and by those fed with many expressions of gratitude to the secretaries.



HANGAR HUNGER--Some 300 military, civilian and contractor personnel enjoyed Thanksgiving feast last Thursday in Hangar 3.

Filipino sailors, dependents will have a route to U.S. citizenship

Washington (NNS) -- More than 3,000 Filipino sailors and their 2,000 dependents will soon have a route to citizenship following the signing of legislation by the President, giving special immigration status to these service members.

The bill gives permanent resident status to qualified service members who have completed 12 years of honorable service or those with six years of honorable service and then reenlist for an additional six years. Previously, no provision was available to attain lawful permanent resident status and ultimately U.S. citizenship for Filipino service members based on service alone. Lack of citizenship restricts

entry into 64 enlisted ratings that require access to classified information and into officer programs, limiting career options and promotion opportunities. Presently, less than one-third of Navy occupations and no officer programs are open to these sailors.

Once resident status is attained, eligible service members must still undergo the naturalization process to become American citizens through the Immigration and Naturalization Service (INS).

The legislation, introduced in January, received strong support from Navy Secretary H. Lawrence Garrett III.



STRIP, DON'T CARVE--With neither the time nor the inclination to carve 13 turkeys, the tradition was turned into Turkey stripping. Helping are (from left) Sena Dare, Mary Lou Hernandez, AN Socorro Delgado, Les Robison, Judy Gill (profile) and Sue Whalen's sleeve and elbow. Photos by PH3 Cary Brady



FAST FORWARD HONORS—Maj. Paul R. Bless accepts congratulations from Col. J. R. Agenbroad, CO of the Marine Aviation Detachment, China Lake, on receipt of the Air Medal for service in Saudi Arabia with Marine All Weather Fighter Attack Squadron 121. On Feb. 24, 1991, as weapons and sensors officer in an F/A-18D, Bless served as fast forward air controller, successfully locating Iraqi targets. The citation reads, "Successfully evading enemy air defenses, he made numerous runs to mark enemy targets for attacking aircraft. In more than 40 minutes in the area, he skillfully controlled six sections of aircraft," resulting in heavy Iraqi losses.



MEDICAL IG VISITS—Lcdr. R.J. Titi, officer in charge of the Branch Medical Clinic (right), greeted RAdm. F.G. Sanford, medical inspector general at potluck luncheon Nov. 8 to end the inspection team's three-day visit.

Three Navy lodges win Carson Award

Three Navy Lodges have recently received the 1990 Edward E. Carson Awards for excellence: Naval Construction Battalion Center Gulfport, Miss.; Naval Air Station Jacksonville, Fla.; and Naval Education and Training Center Newport, R.I.

The Carson Awards recognize excellence within the Navy

Lodge Program. Lodges were judged on the basis of their overall performance compared to other similarly sized lodges, including the level and quality of customer service at each Navy Lodge.

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Divine Services

| Protestant | |
|--|------------------------------|
| Sunday Worship Service, East Wing | 8:00 a.m. |
| Sunday Worship Service, Main Chapel | 10:30 a.m. |
| Sunday School, 1008-10 Blandy & 1903-05 Mitscher | 9:00 a.m. |
| Bible Study (East Wing), Wednesday | 11:30 a.m. |
| (September thru June) | |
| Men's Prayer Breakfast, East Wing, Thursday | 6:30 a.m. |
| Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday | 7:00 p.m. |
| Islamic | |
| Jumaa Prayer (Friday at 1002 Blandy) | 1 p.m. (DST) 12 p.m. (ST) |
| Roman Catholic | |
| Sunday Mass, Main Chapel | 9:00 a.m. |
| Daily Mass, Small Chapel | 11:35 a.m. |
| Confessions, Weekdays | By appointment |
| Religious Education Classes (Sunday) | |
| (September thru May) | 10:15 a.m. |
| 1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher | |
| Scripture Classes, Tuesdays (October-January) | |
| St. Ann's Parish Hall | 7-8:30 p.m. |
| Jewish | |
| (375-0385 Messages) | |
| Weekly Services (Friday - East Wing) | 7:30 p.m. |
| Adult Hebrew Lessons (Saturday, East Wing) | |
| (September thru June) | 3:00-5:00 p.m. |
| Religious Education (Sunday, East Wing) | |
| (September thru June) | 9:30 a.m.-12:30 p.m. |

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New student rabbi arrives

Andrew Paley wants to excite people about their religion

By Peggy Shoaf
Rocketeer Staff Writer

Becoming a rabbi wasn't a life-long dream for Andrew Paley, the new student rabbi at the Naval Weapons Center (NWC) All Faith Chapel. Raised in a traditional Jewish home, Paley noted he attended a conservative synagogue with his family but "didn't really think much in terms of religion."

It wasn't until he was about 15 years of age that he became excited about his religion. "I got involved in a Reform Movement Youth Group and loved it," he said. "For the first time, I met a Reform rabbi. All the other rabbis I had ever met were old and conservative. Here was a young one, up-to-date, but very knowledgeable about Judaism. He made it very exciting."

His focus began to change. Instead of having no direction, he decided he wanted to teach -- to see if he could project the excitement of Judaism to others as the young rabbi had projected it to him. That became his goal. "If I can make an impression and help people become proud of their religion, then I'll feel I have been a success," Paley explained.

While attending Ohio State University, he taught Judaism at a local synagogue and during his junior year, "shadowed" a rabbi. "I began to get a feel of the responsibilities a rabbi has," he said.

After receiving his degree in psychology, Paley entered the Hebrew Union College in Los Angeles, the seminary for Reform Judaism.

His first year of study was in Israel, the home of Judaism. However, his studies were abruptly cut short when tensions began to increase due to the Persian Gulf conflict.

"My parents, aunts and uncles had just come to Israel to visit me and tour Israel," Paley said. "After getting back from sight-seeing one day, we were notified that the State Department had issued a low-level advisory. A special briefing was held, letting

us know what the situation was. We were urged to leave; however, school officials didn't want us to interrupt our studies. Approximately 40 of the 50 students decided we had better leave and come back when things were less tense. It was a really difficult decision. I had a real close community of friends in Israel, and the decision to go put a wedge between us."

Paley and his family left Israel on Jan. 13. War broke out just days later.

Due to personal reasons, Paley found himself unable to go back to Israel after the war ended. Since the students spend their first year of studies in Israel, the college created a special curriculum for them, Paley finished the year in the United States.

"I would like to get back there (Israel) as soon as I can," he said. "Maybe I'll be able to go as soon as December. I want to finish seeing all the things I didn't get to see."

As a student rabbi, Paley will visit NWC twice a month, performing Bar Mitzvah lessons, leading all Jewish religious services and performing any life-cycle events (baby naming, funerals, Bar Mitzvah).

A member of Paley's congregation, Tim Dawson, a machinist in the Engineering Department, had nothing but praise for this student rabbi. "He's a super guy," Dawson said. "He's very intelligent, full of life and he projects his excitement of being who and what he is to everyone. Not only does he do a super job, but as an added plus, he's great with the kids. He gets them involved. That's not something that can be taught. That's who he is."

It looks like Paley is reaching his goal.



Andrew Paley

On-line updates possible with *FINDSPACE*

Your VAX link to Center facilities and space information has recently been improved. *FINDSPACE*, conceived and sponsored by Charlotte Bullard and Naomi Mulhern of the Space Resources Office (Code 009), is now the first corporate VAX application that allows you to enter data on-line and electronically request updates to your code's space records. This helpful system has made the process of having your space information approved and updated much more efficient.

Until now, only two modules of *FINDSPACE* were available on the SCF VAX. Module 1 allows users to read summary information about any NWC facility through a series of user-friendly menus. This information is a combination of data from the Center Space Report and the Navy Civilian Personnel Database system. Data such as the locations of buildings, the number of people occupying specific buildings or rooms, and structural information (year built, type of construction, etc.) can be viewed by special area, building, or organization. Module 2 allows users to print reports of the displayed data.

These two modules are still available without any modifications. But now, a third module has been added, rounding out the *FINDSPACE* feature by allowing you to electronically request updates to your code's space

reports. Upon accessing specific information about your code's space, you can change any portion of the data and request an update by merely pushing a button. Once the request is made to update your code's record, a notification (an electronic mail message) will be sent to the current owning department's focal point. The focal point is the person in your department in charge of space. Your focal point will log on to *FINDSPACE* and either approve or disapprove your request.

If your request is approved, it will be sent electronically to the Space Resources Office. If your request is denied, you will receive an electronic mail message notifying you of the disapproval. Once the Space Resources Office approves your request, your electronic records will be sent to Public Works where the database is manually updated. (Plans to change the manual updating procedure to an electronic procedure are pending.)

The *FINDSPACE* system has a built-in safety feature that allows only one request per space record to be processed at a time. Once you have sent your request on for approval, only you can access your record for modifications until action has been taken by the Space Resources Office. No one else can request a change to the same

space record until all approvals are complete. This safety feature prevents duplicate or conflicting information. If your record needs to be modified to be approved, but you have already requested the update, your department focal point or the Space Resources Office can make the change for you, eliminating the trouble of having to resubmit a request.

To access the *FINDSPACE* application, you must be a registered Ingres user. Once connected to the SCF VAX C or E node, typing "FINDSPACE" at the \$ prompt will activate the application.

FINDSPACE, designed by the Information Management Applications Branch (Code 2723), is a unique opportunity for you to update your own records without having to complete and sort through mountains of paperwork. If you want to start entering your own data into your space and facilities records, contact Charlotte Bullard at the Space Resources Office, NWC ext. 3084. Bullard will arrange a personal demonstration of the system, explain the role of the focal point, and help you get started on the *FINDSPACE* system right away.

By Debbie Salgado
Code 3411

Cerro Coso...

(Continued on Page 21)

Co-op students just need to tell the registrar that they are NWC co-op students.

Requests for tuition support must be received by Code 224 at least three days prior to the employee's registration at Cerro Coso. This allows the request to be processed and returned in time for registration. The approved NAVWPNCEN 12410/73 or DD Form 1556 must be turned in to Cerro Coso when registering--returning bill received in order for NWC to pay the tuition. Employees who pay tuition themselves will not be reimbursed.

For more information, call Cecil Webb, NWC ext. 2648.



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Early registration at Cerro Coso College continues

Early registration for continuing students at Cerro Coso Community College continues until Nov. 27 by telephone for spring courses. Early registration for continuing and new students will be Dec. 9-13 by appointment. Regular registration for continuing and new students will be Jan. 6-9 by appointment. Schedules are available in the Training Center lobby.

The Naval Weapons Center will pay full tuition for NWC employees if they are enrolled in courses provided under the NWC/Cerro Coso contract. If the employee can show courses are job-related or will strengthen his or her contributions to the Center's mission, the tuition will be

paid directly to the college by Code 224.

To receive tuition support, submit NAVWPNCEN 12410/73 (Rev. 12-88) (Request for On-Center Training) via department channels to Code 224.

If a course is not directly job related, along with the NAVWPNCEN 12310/73, submit NAVWPNCEN 12410/66, Academic Enrollment Justification, and NAVWPNCEN 12410/68, Individual Development Plan, describing how the course fits into the employee's overall career plan and how attendance will strengthen contributions to the Center's mission.

If tuition is involved, and the employee is not yet a Cal-

ifornia resident, submit DD Form 1556 (Request, Authorization, Agreement and Certification of Training and Reimbursement) via department channels to Code 224. A job order number is required on this form.

Code 224 will return the approved form to the appropriate employees. The form must be turned in to Cerro Coso when registering, in order for NWC to pay for the tuition. If registering in person, turn in the approved form to the registrar. If registering by phone, mail the approved form back with the bill, which students will receive from the college.

(Continued on Page 21)

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Adm. Kelly says Navy's role remains a vital one in Pacific

Pearl Harbor, Hawaii -- The Commander in Chief of the U.S. Pacific Fleet says despite all the changes going on in the world today, the Navy's presence throughout the Pacific region is important to the interests of the United States and the countries we support. Adm. R.J. Kelly made the comments at a recent "all-hands" meeting in Pearl Harbor.

"Governments that I have talked to have expressed overwhelming support for the presence of the maritime forces in their countries," said Adm. Robert J. Kelly. "They feel the U.S. Navy and Marine Corps should remain forward deployed and the contributions we make to regional stability are one of the underlining reasons for the emerging prosperity and relative peace in the Pacific region."

As an example, Adm. Kelly cited the Navy's 42-year presence in the Persian Gulf as a major contributing factor to the successful Desert Shield and Desert Storm operations. "We all knew what the outcome of the war was going to be, but I don't think anyone suspected it would have been done as quickly or as successfully," said Adm. Kelly. "The proof is that our Navy presence since 1948 in the Persian Gulf was instrumental in building the relationships over there which allowed us to do what we did."

According to Adm. Kelly, another victory during the Gulf War was achieved in the U.S. itself. "People stood up and debated the war in public, in

newspapers and in Congress. After it was debated, the decisions were made and the entire nation stood behind our military forces. That really put to bed a lot of the resentment from Vietnam that has been sitting in our closet

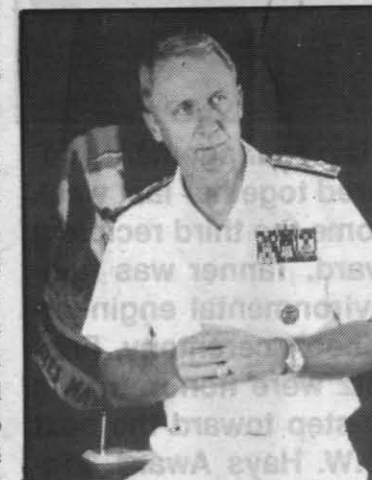
problem somewhere in the world, we will be there. That is what this nation pays us to do."

Pointing out that people and quality of life issues are getting a lot of attention from senior Navy leadership, Adm. Kelly noted that the CNO has decided the Navy's housing problems need to be focused on. "I think we will find there will be more money put into Navy construction and maintenance funds," he said.

Adm. Kelly also said many single sailors were unhappy about their Morale, Welfare and Recreation (MWR) dollars being used to fund child care. "In the future, we will find child care will be funded by appropriated funds as opposed to non-appropriated funds," the admiral said. "It will not come out of MWR funds. It will be funded up-front. We are aware of the shortage of spots available in child care, but the numbers of requirements are growing faster than we can possibly keep up with it, but we are working on it."

"Our mission is to support the Commander in Chief of the United States Pacific Command's (USCINCPac) theater strategy and provide unified commanders with interoperable, combat ready U.S. Naval forces which are fully trained, properly manned, well maintained and supported."

Adm. Kelly said this represents a big change over what the Pacific Fleet's mission used to be. "We are now saying the mission of the Pacific Fleet is to support USCINCPac," he explained. By JO3 Brian S. Ellis



Adm. R.J. Kelly

for so many years. That door is finally open and the ghost is gone. Now we can move forward."

Because of the political changes occurring in the world today, Adm. Kelly said the Navy will have to undergo some budget and force reductions. He said those numbers are just now starting to become evident.

Balancing force structure and commitments is a key issue with the admiral. "The Chairman of the Joint Chiefs of Staff, as well as the secretary of Defense, have both said the Navy's PERSTEM-PO/OPTEMPO policy is important and will be included in the scheduling of peacetime commitments," he said. "Don't get me wrong, through. If we have a

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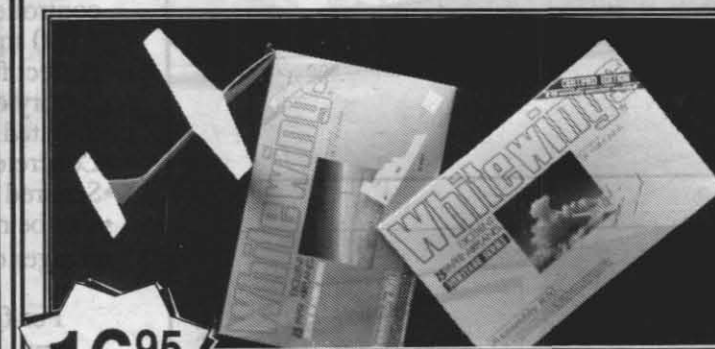
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President approves new U.S. Strategic Command

President George Bush has approved the Defense Department's plan to create a new U.S. Strategic Command. He announced his decision this fall while outlining his new nuclear arms reduction initiative to the nation.

Bush explained that the Navy currently commands the submarine part of the U.S. strategic deterrent, while the Air Force commands bomber and land-based elements. "But if we reduce our strategic forces, the operational command structure must be as direct as possible," he advised.

Defense Secretary Dick Cheney later called the provision one of the more significant items in the Bush initiative. He said it emphasizes DoD's desire to consolidate operational command of nuclear forces under one commander, with participation from both services.

Army Gen. Colin Powell, chairman of the Joint Chiefs of Staff, added the new structure is fully supported by those unified and specified military commands having nuclear responsibilities. He said the new command will be headquartered at Offutt Air Force Base, Neb., current home of the Air Force's strategic Air Command. It should be fully activated by June 1992.

The current Joint Strategic Target Planning Staff will form the nucleus of the Strategic Command headquarters staff and will use existing SAC facilities. After activation of the new command, SAC will be disbanded as part of a previously announced Air Force restructuring plan.

Representatives from the target planning staff, the services, the Joint Staff and the Atlantic, Pacific and Strategic Air commands will develop a plan with the details and time lines necessary for the new command. The plan must meet Cheney's approval.

As of October, the president had not nominated his choice to head the Strategic Command.

Following the initial appointment, command will rotate between a Navy admiral and an Air Force general.

DoD officials said the U.S. military units affected are all the fleet ballistic missile submarines; all strategic bombers, reconnaissance aircraft and refueling tankers necessary to support them; command, control and communications aircraft; and all intercontinental ballistic missiles. AFIS

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Hays Award given Steve Tanner

(Continued from Page 1)

purpose of the Hays Award is to increase the visibility of the importance of production support in the acquisition of quality weapons systems. Many do not recognize the critical role environmental engineering plays during production. I believe presenting this award to Steve (Tanner) would help show the importance of environmental engineering to a true concurrent engineering philosophy."

Promoting that philosophy has been a long-term objective for Tanner. "That goal was handed down to me by a former branch head," he explained. "Environmental engineering is more than just testing. In reality, it is as much a part of the up-front planning of a program as reliability, ILS (integrated-logistics support), quality assurance, etc. We are involved in both engineering and testing operations and work hard in keeping on the leading edge of both."

Tanner started his China Lake career 20 years ago. "In fact," Tanner said, "Hays hired me. He and Allen Beggs were setting up the Sparrow Program Office and were looking for anyone who had anything to do with Sparrow. They made me an offer and like many others, I came out here just to live out the recession of 1971-1972 and stayed."

During Operation Desert Storm, Tanner was on a team assessing the MK 43 Bomb Proximity Fuze. "The Navy didn't have a modern proximity fuze for bombs," Tanner said. "We resurrected hardware from the 60s and went through a reassessment to address problems encountered the last time they used the hardware. Basically, we did a reliability assessment to decide if it was safe and effective for use in the desert environment of Desert Storm." "One of the fun things about this work," said Tanner, "is when we run a test, write a specification or develop hardware, it is important we have actual data on how the fleet will use the hardware -- how much it will vibrate when on a plane, how hot or cold it will get, what happens when it is transported. For years we have been involved in putting together instrumentation systems we can take out and fly on planes or take on ships to measure those variables. This provided some interesting travel opportunities, which were real learning experiences. We could see how other countries do environmental engineering and learned a lot about communication. It's astonishing to me how far off target you can get by using an expression that doesn't translate the way you thought it should."

Another facet that keeps Tanner interested in his job is the opportunity to teach. In addition to teaching classes in the technical managers certificate and systems engineering curriculum programs, Tanner said he enjoys mentoring and educating the young engineers. "Engineering isn't taught in school exactly the way it is carried out in industry," he explained. "The engineers undergo a lot of on-the-job training."

Tanner certainly has the experience and knowledge to train the Center's future Hays Award nominees. Five years ago, he started working with a NATO Ad Hoc working group, whose charter was to expand and standardize environmental engineering throughout NATO. Part of the task was to create a series of documents to make sure that any hardware developed by any NATO country, or sold to a NATO country, met certain standards for engineering and quality of product.

"I think I have had a super career!" Tanner exclaimed. "I wouldn't trade it for anybody's. I have had exciting travel, been involved in interesting programs and have been called upon to solve fun-type problems. I am very happy with the China Lake philosophy that allows that to happen. It gives us the opportunity to try things and to take risks, rewarding us in positive ways. I hope we never lose that."

HONORED BY PEERS -- Top management, co-workers and families gathered together last week to watch Steve Tanner become the third recipient of the Burrell W. Hays Award. Tanner was honored for his work with environmental engineering. During the same luncheon ceremony, Fred Hartwell and Jim Nelepovitz were honored with the Golden Rung Award, a step toward the next level of recognition, the B.W. Hays Award. Pictured above are Sterling Haaland, Burrell W. Hays, Hartell, Tanner, Nelepovitz, Gerry Shiefer and Matt Anderson.

Photo by PH3 Cary Brady

Clearance rules are unchanged

There has been recent concern that command policy has changed to prohibit the granting of interim security clearance to Naval Weapons Center employees. This is not the case; there has been no change in Center policy.

Interim security clearances are still being granted to employees who require an immediate need for access to classified material in order to perform assigned tasks.

Interim security clearances are issued after conducting a favorable review of local records (personnel, medical and law enforcement) and a favorable screening of the applicant's investigative forms, either DD Form 398-2 or SF 86.

Requests for interim security clearances must be accompanied by a certification that the applicant has a real and immediate need for access to classified information and there is no other employee who can perform the required tasks while awaiting the applicant's final clearances.

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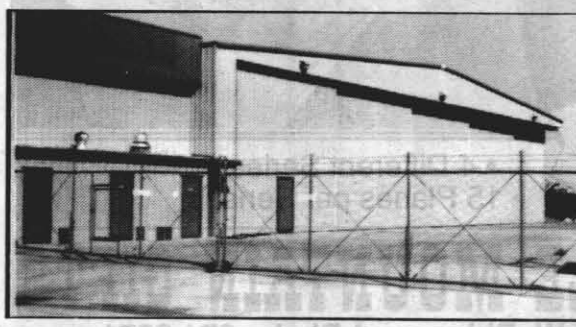
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Thrift Savings Plan is a good way to save

Tom Trabucco, DoD's Thrift Savings Plan spokesman, provided examples of how much money employees stand to earn if they take advantage of the five-year-old long-term, personal investment program.

For simplicity, all examples below assume the employee receives no pay increase and earns a conservative seven percent annual rate of return. To date, all three funds -- government securities, bonds and stocks -- have averaged more than seven percent annual returns, but past records are no guarantee of future performance.

Figures for Federal Employ-

ees Retirement System workers include the value of the government's automatic one percent annual contribution and matching contributions of up to four percent. Civil Service Retirement System employees receive no automatic or matching government contributions in the Thrift Savings Plan Program.

The Thrift Savings Plan Open Season runs from now through Jan. 31. Employees who want to enroll or change their current election should contact their PMA during open season.

For more information about the Thrift Savings Plan, call your PMA team.

Federal Employees Retirement System

| 5 Years | Account Balance If Employee Contributes: | | | |
|------------|--|----------|----------|----------|
| | 1% | 3% | 5% | 10% |
| Annual Pay | | | | |
| \$20,000 | \$3,600 | \$8,400 | \$12,000 | \$18,000 |
| \$25,000 | \$4,500 | \$10,500 | \$15,000 | \$22,500 |
| \$30,000 | \$5,400 | \$12,600 | \$18,000 | \$27,000 |

| 20 Years | Account Balance If Employee Contributes: | | | |
|------------|--|----------|-----------|-----------|
| | 1% | 3% | 5% | 10% |
| Annual Pay | | | | |
| \$20,000 | \$26,000 | \$60,800 | \$87,000 | \$130,400 |
| \$25,000 | \$32,500 | \$76,000 | \$108,750 | \$163,000 |
| \$30,000 | \$39,000 | \$91,200 | \$130,500 | \$195,600 |

| 30 Years | Account Balance If Employee Contributes: | | | |
|------------|--|-----------|-----------|-----------|
| | 1% | 3% | 5% | 10% |
| Annual Pay | | | | |
| \$20,000 | \$61,000 | \$142,500 | \$203,600 | \$305,400 |
| \$25,000 | \$76,250 | \$178,250 | \$254,500 | \$381,750 |
| \$30,000 | \$91,500 | \$231,900 | \$305,400 | \$458,100 |

Civil Service Retirement System

| 5 Years | Account Balance If Employee Contributes: | | |
|------------|--|---------|---------|
| | 1% | 3% | 5% |
| Annual Pay | | | |
| \$20,000 | \$1,200 | \$3,600 | \$6,000 |
| \$25,000 | \$1,500 | \$4,500 | \$7,500 |
| \$30,000 | \$1,800 | \$5,400 | \$9,000 |

| 20 Years | Account Balance If Employee Contributes: | | |
|------------|--|----------|----------|
| | 1% | 3% | 5% |
| Annual Pay | | | |
| \$20,000 | \$8,600 | \$26,000 | \$43,400 |
| \$25,000 | \$10,750 | \$32,500 | \$54,250 |
| \$30,000 | \$12,900 | \$39,000 | \$65,100 |

| 30 Years | Account Balance If Employee Contributes: | | |
|------------|--|----------|-----------|
| | 1% | 3% | 5% |
| Annual Pay | | | |
| \$20,000 | \$20,400 | \$61,000 | \$101,800 |
| \$25,000 | \$25,500 | \$76,250 | \$127,250 |
| \$30,000 | \$30,600 | \$91,500 | \$152,700 |

Learn how to cope with stress and depression

Stress Management (FY92)
December 10, 12, 17 & 19, Tuesdays and Thursdays; 0800-1200; Room 329, Cerro Coso Community College. By Paulette Solberg.

Scope: This is a 16 hour, .5 unit class designed to help participants identify stresses in their

life. The goal is to provide an opportunity to develop techniques to reduce stress or to deal with it in a positive manner. The class will be a combination of lecture and practice exercises with emphasis on "take home" skills which can be used by participants to more easily relax in the presence of stress.

To enroll, submit an On-Center Training Request to Code 2243. For more information, call NWC ext. 2468.

Overcoming Depression
December 4; 1500-1700; Training Center. By Azimuth Mental Health Associates.

Scope: Depression is a very common condition. It is said to be as prevalent as the common cold and yet is far more treatable. Depression affects one out of four women and one out of seven

men. This session will explore some of the causes and treatments of depression and how periods of depression can be used to create periods of growth and enhancement.

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Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; and department secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 31-030, Secretary (Typing), DG-318-1/2, Code 3144 - This position is located in the Aircraft Weapons Integration Department. The incumbent will provide secretarial and administrative support to the F/A-18 Avionics and Weapons Integration Branch, located at Armitage Field (P-302). The Branch is responsible for avionics and weapons integration for the F/A-18 Aircraft. Ability to develop proficiency in operating a Macintosh desktop personal computer is required. Knowledge of word processing software is desirable. Full promotion potential of the position is DG-2. Must be able to obtain and maintain a Secret Clearance.

No. 39-044, Secretary, (Typing), DG-0318-1/2, Code 3945 - This position is located in the Signature Measurement and Evaluation Branch, Electro-Optics Guidance Division, Intercept Weapons Department. The incumbent provides general secretarial and administrative support to the Branch Head and all employees in the Branch. Promotion potential to DG-2 but not guaranteed.

No. 62-043, Secretary (Typing), DG-318-1/2, Code 6254 - Incumbent will provide secretarial support to the Range Support Branch in the Data Systems Division. Duties include time card processing, travel orders and arrangements, preparing stubs and maintaining stub files, and preparing correspondence. Skills with a Macintosh computer system are desirable. Incumbent must be able to obtain and maintain a Secret Clearance. Promotion potential to DG-2.

Branch clinic has opening for pediatric nurse

Following is a job announcement for the Branch Medical Clinic.

No. 232-003 Clinical Nurse, GS-0610-9, Code 232 - Position available for Pediatric Clinic at Branch Medical Clinic, China Lake. No civil service status is required.

For additional information about the position, please contact LCDR Kusnierek at NWC ext. 2911, ext. 211 or Personnel Department, Naval Hospital, Long Beach at (213) 420-5194.

Chico slates writing exam

On Dec. 4, the Cal-State University, Chico Computer Science Graduate Writing Examination will be given at the Naval Weapons Center.

The cost of the exam is \$25, with checks made payable to CSUC.

Students needing to take the exam should contact Denise at NWC ext. 2648 by Dec. 3.

Co-workers need extra leave due to medical emergencies

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to donate annual leave to the employee should call NWC ext. 2018.

Dawn Rizzardini -- Payroll Clerk, Code 2853 -- is indebted for leave due to complications of pregnancy.

Dionne Lancaster, Facility Management Specialist, Code 2691 -- is indebted for leave due to hospitalization for stress and anxiety which occurred while caring for husband with chronic kidney failure.

Jesse R. Lewis, Police Offi-

cer, Code 2413 -- is recovering from a herniated disc.

Shirley J. Eastman, Secretary, Code 2832 -- underwent hand surgery and needs leave.

Barbara Tunget, Secretary, Code 2622 -- is in need of leave due to a symptomatic gallbladder disease.

Don't waste use-or-lose leave -- if you can't use it, donate it! Call NWC ext. 2018 for more information.

Sandy Joyal, Procurement Assistant, Code 254 -- broke her elbow in December and has undergone repeated surgery since then and is in need of leave.

Genieveve Kash, Engineering Data Management Specialist, Code 36523 -- underwent

major surgery which has exhausted all her leave.

Linda Schmitt, Computer Specialist, Code 3192 -- underwent major surgery and is in need of leave.

Victoria Wintjet, Contract Specialist, Code 2622 -- underwent surgery and is in need of leave.

Anita Becker, Engineering Data Management Specialist, Code 36531 -- had surgery for removal of a spinal cord tumor and is indebted for leave.

Ron Wright, Electronics Technician, Code 3951 -- suffered a heart attack and is in need of leave.

Leo Montano, Visual Information Specialist, Code 3441 -- is undergoing further cancer treatment and is in need of leave.

TMC course set

A Navy Contracts Management course will be held from 8 a.m. to 4 p.m. on Jan. 14-16 at the Training Center. This is a TMC required course. For more information, call the NWC Train-

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Two climbing 'Golden Rung' toward next level of recognition; the Hays Award

While the Burrell Hays Award is given by the Naval Weapons Center Engineering Department to senior employees who have made significant contributions in the area of production support, the Golden Rung Award recognizes similar outstanding contributions by individuals who have not had the extensive experience signified by the Hays Award. This year's Golden Rung Award honorees are James B. Nelepovitz and Frederick T. Hartwell, both members of the Phoenix Technical Office.

According to the nominating letter written by Alexis Shlanta, head of the Phoenix Technical Office, Nelepovitz has developed into the "most knowledgeable person, whether government or contractor, on the operation of the Phoenix missile. He has used this vast storehouse of knowledge and insight to demonstrate a heroic

capability in solving a multitude of technical problems encountered during missile and component production," the letter read.

Because of his expertise, Nelepovitz is a member of the Failure Review Boards. "Jim has provided excellent evaluations of specifications and has personally rewritten requirements for several critical missile specifications," Shlanta noted.

"He has also carried out important tests on upgrade hardware and put together and directed an upgrade drawing verification team to certify that the hardware built on an initial production line matched the drawings and specifications," the letter continued. "He single-handedly brought the Alternate Seeker Demonstration Program to a documented completion."

Shlanta noted Nelepovitz did some very revealing studies on

deficiencies with the current Phoenix missile propulsion system and suggested improvements to overcome them. He then began a study effort at NWC for an improved system, he added.

Hartwell's contribution to the Phoenix missile production support efforts were also praised. According to the nominating letter, also from Shlanta, Hartwell's "practical working knowledge of mechanical engineering, manufacturing processes, engineering drawings, environmental testing and team leadership enable him to make significant contributions (to the program)."

"He has successfully applied his skills as CCB (change control board) chairman for the Phoenix guidance upgrade drawings, provided coordination for the redesign of the FSU-10/A fuze data package, carried out tolerance studies and identified pro-

duction limitations for the Phoenix guidance upgrades and FSU-10A fuze, and led the environmental qualification testing effort for the FSU-10/A," continued the letter.

Shlanta credited Hartwell with rebuilding and nurturing the NWC FSU-10/A team, making it fully effective and instrumental in developing a well-deserved respect for the support effort.

People on hand to the congratulate awardees were the head of the Engineering Department, Matt Anderson, who had the honor of announcing this year's honorees; Burrell W. Hays, who announced the winner of the B.W. Hays Award; Capt. Robert Kapernick, NWC deputy lab director; Gerry Schiefer, former NWC technical director; Sterling Haaland, NWC laboratory director; co-workers and family members.

Fax use poses security risk in some cases

Operation of the new Xerox fax machine, Model 7033, could lead to security problems if used for classified transmissions.

The fax uses carbon cartridges to produce the fax images. The used carbon cartridge is easily read and can contain up to 740 8 1/2" x 11" images. An improperly discarded carbon cartridge could lead to a compromise.

These fax machines are not authorized for the transmission of classified or sensitive information. Other fax models may use the same image producing system. Users should ensure that faxes using carbon cartridges are not used for the transmission of classified or sensitive information. The carbon cartridges for faxes which have been used for classified transmissions must be secured and be destroyed as classified waste.

For additional information, contact Dave Shipley, OPSEC officer, Code 2408, at NWC ext. 2079.

Computer Society hosts William Lynch

Members of the Computer Society will hear William Lynch of Cisco Systems talk about data communications at their monthly

luncheon meeting Tuesday. At 11:30 a.m. in the Texas Cattle Company, Lynch will talk about "Techniques for Moving Data

Between LANs." Visitors are welcome. Lynch presents a packet-level comparison of the operations of routers and bridges.

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Boyak reaches 45-year China Lake service plateau

(Continued from Page 1)

Michael Kramer reads, in part, "Al's best contribution to (our Synthesis) Scale-up Program was made in FY 90. When the CL-20 program was in desperate need of a large scale hydrogenator, Al, along with Larry Boyer, literally saved the program by designing and fabricating a low-cost unit from a soda dispensing bottle that completed all the work of the program in FY 90."

"I didn't know this was such a big deal when I did it," Boyak said. "People just come in and say can you do this and I try to do it." He laughed and said, "They don't walk in and say, 'Al, can you save our program?'"

One of Al's hobbies, photography, carries over into his professional life. When a regular photographer can't make it at a particular time, or if there's an immediate need for a photo, Al steps in. When a friend of his daughter, Diane, expressed won-

der once at how he could stay at the same job for so long, after explaining that he also did photography at work, Diane said, "No wonder you like your job so much -- you get to do your hobby at work."

Known for the many weddings he's shot he says at times people are surprised he's a locksmith and machinist by trade. Starting by taking snapshots of weddings for friends, he found himself being asked increasingly to do the whole package. Since the mid-60s, averaging about 25 a year, he's shot in the neighborhood of 650 weddings.

He's usually booked well in advance and besides the occasional weekend taken by his other hobby, usually the only time he turns someone down is when he's scheduled a visit to San Diego to visit his five grandchildren. "You can only do so much," he said with a sagely note, "and I don't want to miss an opportunity to be

with my family."

He doesn't do the full-blown professional wedding package, choosing rather to just shoot the pictures, getting a set of prints from a local lab and letting the newlyweds choose their own for enlargements and other package shots.

One of his special touches, is to occasionally take the bride out into the desert in her gown the morning of the wedding and photograph her in the natural local setting. He's especially proud of shots he took of (former NWC deputy commander) Capt. Robert Dropp's daughter up near CLP gate with the Indian Wells Valley and Sierra as a backdrop.

"Probably the most significant change in my life since getting my 40-year pin is that I've started bicycle racing," he said. Boyak explained, he's competed for the last two years in both the U.S. Cycling Federations Masters National Championships and the

World Senior Games in St. George, Utah. Both events are broken into five-year age brackets and he competes in time trials, criteriums (multiple-lap races around a short course) and road races.

"These are strictly amateur events," he said. "There's no money involved, but you can win medals and special jerseys both for individual events and cumulative point totals."

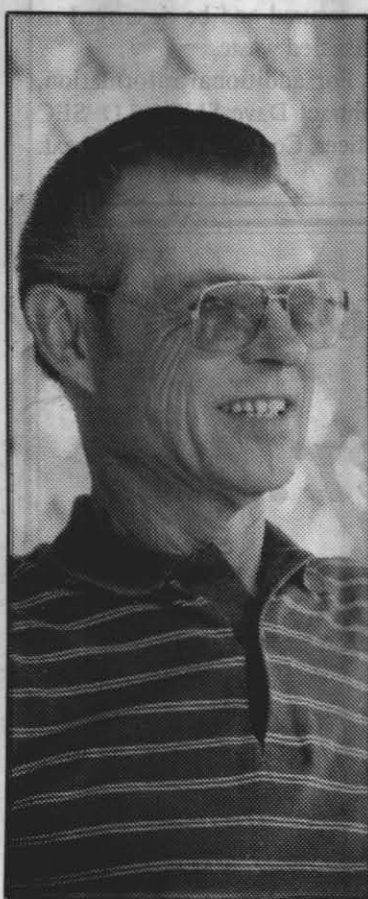
In St. George this October, competing in the 27-lap criterium, he stayed with the pack until the 26th lap (averaging 24 mph). "I was on my bike for 26 laps and I thought 'I'm going to place!' until a guy in front of me went down and took me and a couple other guys with him." Still nursing a raw right elbow from that crash, he said, "But I'm going to keep trying. I'm learning where to be and where not to be in the criterium."

He's been riding a bike to

World Senior Games in St. George, Utah. Both events are broken into five-year age brackets and he competes in time trials, criteriums (multiple-lap races around a short course) and road races. "These are strictly amateur events," he said. "There's no money involved, but you can win medals and special jerseys both for individual events and cumulative point totals."

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He simply answered, "Go faster. And I think I finally turned a corner in my cycling. No, I'm generally pleased with my life." He continued about dreams, "I've reached pinnacles I never dreamed possible -- never even thought about. It's amazing, the things that come to you if you're patient."



Al Boyak

Plaza barber closes this Turkey Day

Due to the Thanksgiving holiday, the Bennington Plaza Barber Shop will be closed Nov. 28 and 29.

The shop will resume normal hours of operation on Nov. 30.

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Promotional opportunities available at the Naval Weapons Center

(Continued from Page 16)

Radars used for missile and aircraft testing on NAVWPNCEN North Range. This will include the troubleshooting and maintenance of transmitters, solid state and/or tube receivers, servo systems, data systems and video systems for pulsed tracking radar systems. **Job Relevant Criteria:** Knowledge of digital and/or analog circuit; knowledge of Radar systems; ability to troubleshoot and repair digital and/or analog circuit; ability to troubleshoot and repair radar transmitters; ability to supervise personnel and manage radar assets; ability to communicate orally; ability to communicate in writing; and the ability and willingness to support NAVWPNCEN EEO goals and objectives. Incumbent may be required to serve a one-year supervisory probation period. Overtime and working outdoors are required. This ad will close November 29, 1991.

No. 62-042, Multidisciplinary Supervisory (Engineering/ Electronics Technician) DP-802/856-3/4, Code 623 - This position is the Head, Instrumentation Systems Division, Range Department. This division operates and maintains field instrumentation (range data sensors), including photo-optical, video, radar, laser tracking, and RF target systems. The division also designs, develops, procures, and installs advanced range instrumentation systems and RF targets and provides facilities engineering support to the department. **Job Relevant Criteria:** Knowledge of range testing and range field instrumentation; knowledge and experience in program management; knowledge of NWC personnel policies and procedures and a willingness to implement EEO policies and goals; and the ability to deal effectively with a large, diverse group of technicians, specialists, and professionals as well as other DOD and contractor personnel. This position requires that the employee be able to obtain and maintain a Top Secret Clearance. **Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box above. ** A one year supervisory probationary period may be required for new supervisors. Previous supervisory experience desirable. Promotion potential to DP-4, but not guaranteed. This ad will close November 29, 1991.

No. 62-044, Engineering Technician, DT-802-1/2, Code 62121 - Environmental Engineering and Evaluation Branch. This position is located in the Nondestructive Evaluation Section. The incumbent performs all aspects of ordnance testing related to nondestructive testing. Tests include x-ray, both computed tomography and film, physical properties, leak checks, and immersion tests. Verifies and evaluates the test data and assesses film. **Job Relevant Criteria:** Knowledge of a variety of ordnance items and weapons and their safety characteristics and hazards; ability to setup and operate various types of x-ray and NDT equipment; ability to

assess results and prepare test reports. Minimum of Level I Radiographer Certification is required. Promotion potential to DT-3, but not guaranteed.

Ad No. 64-042, Supervisory Aerospace Engineer, DP-861-3/4, Code 641A - This position is located in the Aerosystems Department, Recovery Systems Division, Aerosystems Program Office. The incumbent serves as head of a group of engineers and technicians responsible for program management of multiple programs encompassing the development, testing and qualification of recovery systems. These systems include, but are not limited to; personnel (both

emergency egress and premeditated), missile retardation/stabilization/recovery, ejection seat testing, etc. Duties include planning, budgeting, contracting, staffing and program execution. The incumbent will interface with all levels of NAVWPNCEN management, NAVAIR/NAVSEA sponsors, other DOD activities and contractors. **Job Relevant Criteria:** Knowledge and technical expertise in aerodynamic decelerator technology; knowledge of NAVWPNCEN personnel policies and procedures and a willingness to implement EEO policies and goals; ability to plan, organize, coordinate and manage technical projects; and the ability to deal

effectively with a large, diverse group of technicians, specialists, and professionals as well as other DOD and contractor personnel. This position requires that the employee be able to obtain and maintain a Top Secret Clearance. **Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box above. ** A one year supervisory probationary period may be required for new supervisors. Promotion potential to DP-4, but not guaranteed. This ad will close November 29, 1991.

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Personnel News

Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSAs) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate. If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Thursday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of Applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

Notice Regarding Drug Testing Designated Positions

Any applicant tentatively selected for one of these positions will be required to submit to urinalysis to detect illegal use of drugs prior to a final selection. Final selection is contingent upon a negative drug test result, and thereafter the selectee will be subject to drug testing on a random basis as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have an opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and servicing Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command. (NAVWPNCENINST 12792.2, 14 Dec 90).

No. 19-001, Supervisory Recreation Assistant (Temporary NTE 1 year but may become permanent), DG-0189-2, Code 194 - Incumbent is responsible for supervisory controls and operation of a large gymnasium complex including athletic fields, tennis courts, racquetball courts, weight room, multipurpose court, locker rooms, sauna for women, steam room for men, and small resale operation. **Job Relevant Criteria:** Knowledge and working skills in these areas desirable; ability to deal effectively with patrons and MWR employees; ability to communicate effectively orally and in writing; and knowledge of affirmative action principles including a willingness to implement EEO practices. Full performance level: DG-2. May be required to complete a one-year supervisory probationary period.

No. 26-017, Production Facilities Clerk, DG-303-2, Code 265 - Incumbent receives, maintains and controls or processes work requests for the Public Works Department. **Job Relevant Criteria:** Ability to prioritize workload; ability to deal effectively with all levels of personnel; and knowledge of the work request tracking system. Working skill on the Macintosh II is desirable. Promotion

potential to DG-3.

No. 28-065, Accounting Technician, DG-0525-1/2/3, (Multiple Vacancies) Code 2863 - This position is located in the Billing & Inventory Branch, Accounting Division, Office of the Comptroller. The incumbent will serve as an accounting technician in the control and maintenance of financial records and applicable subsidiary ledger accounts. Duties include the review of computer generated reports, auditing reports for accuracy and completeness and making the necessary corrections; posting and reconciling financial data to subsidiary ledgers; validating historical costs and transactions; and researching aged financial information to clear accounts. Incumbent has extensive contact with NWC project and budget personnel. **Job relevant criteria:** Knowledge of NWC accounting system; knowledge of NAVCOMPT regulations and basic accounting principles; ability to work accurately with figures; ability to meet financial work deadlines; ability to deal effectively with people. Promotion potential to DG-3.

No. 28-066, Accounting Technician, DG-0525-1/2/3, Code 2862 - This position is located in the Procurement

Accounting Branch, Accounting Division, Office of the Comptroller. Incumbent serves as an accounting technician in the control and maintenance of procurement accounting records and subsidiary ledgers. Duties include the processing of various types of accounting records, recording and tracking commitments, obligations and accruals in the financial system; reviewing incoming contracts and amendments for accuracy and completeness; and researching and validating accounting transactions and auditing computer reports for accuracy. Incumbent has extensive contact NWC project, budget, and supply personnel and provides information on various vendor inquiries. **Job relevant criteria:** Knowledge of accounting policies and procedures; ability to research, comprehend and apply complex regulatory information; ability to communicate effectively both orally and in writing. Promotion potential to DG-3.

No. 32-021, Interdisciplinary (General/Mechanical/Aerospace/Chemical Engineer/Mathematician/Physicist) DP-801/830/861/893/1520/1320/1310-3/4, Code 3205 - This position is that of Insensitive Munitions Advanced Development Propulsion Manager in the

Technology Programs Management Office of the Ordnance Systems Department. The incumbent is responsible for managing the Propulsion Project of the Navy's Insensitive Munitions Advanced Development (IMAD) Program, which is sponsored by the Naval Sea Systems Command. The objective of the project is to develop, demonstrate and promote transition of propulsion technology and concepts that will meet performance, logistics and insensitive munitions requirements of current and planned Naval weapons systems. The incumbent will be responsible for technical and administrative management of a major advanced development program in missile propulsion which is typically funded at the \$8M per year level and involves approximately 100 employees at the Naval Weapons Center and additional tasks performed by other DoD laboratories and contractors. Responsibilities include liaison with the sponsor and other Navy commands as well as with the other DoD services, with industry and with other nations. The incumbent will be a primary Navy spokesperson for insensitive propulsion technology at national and international levels. A broad, general knowledge of missile propulsion technology (propellants, combustion, rocket motor design), behavior of energetic materials, and hazards and performance testing of rocket motors is strongly desired. **Job Relevant Criteria:** Ability to plan, organize, coordinate and manage a large technical program; ability to communicate orally; ability to communicate in writing; skill in presentation of technical material. Promotion potential to DP-4, but not guaranteed. This announcement closes 27 November 1991.

No. 34-022, Photographer (Laboratory), DT-1060-A/1, Code 3421 - This position is located in the Photo Lab Service Branch, Photo/Video Division, Technical Information Department. The incumbent will perform all standard techniques and procedures necessary to produce accurate and precise black and white photographic prints and transparencies. The incumbent will use various types of manual enlargers, analyzers, contact printers, automatic black and white processors, and also perform related photo finishing duties. The incumbent will be trained to produce color prints and viewgraphs, both in custom and automatic color printing sections. Training in related quality control color functions and specialized equipment will be received. **Job relevant criteria:** Knowledge of laboratory processes and procedures involved in the production of black and white prints and viewgraphs, normal color vision; ability to learn color correction and production techniques; ability to effectively use basic technical publications. Promotion potential to DT-2.

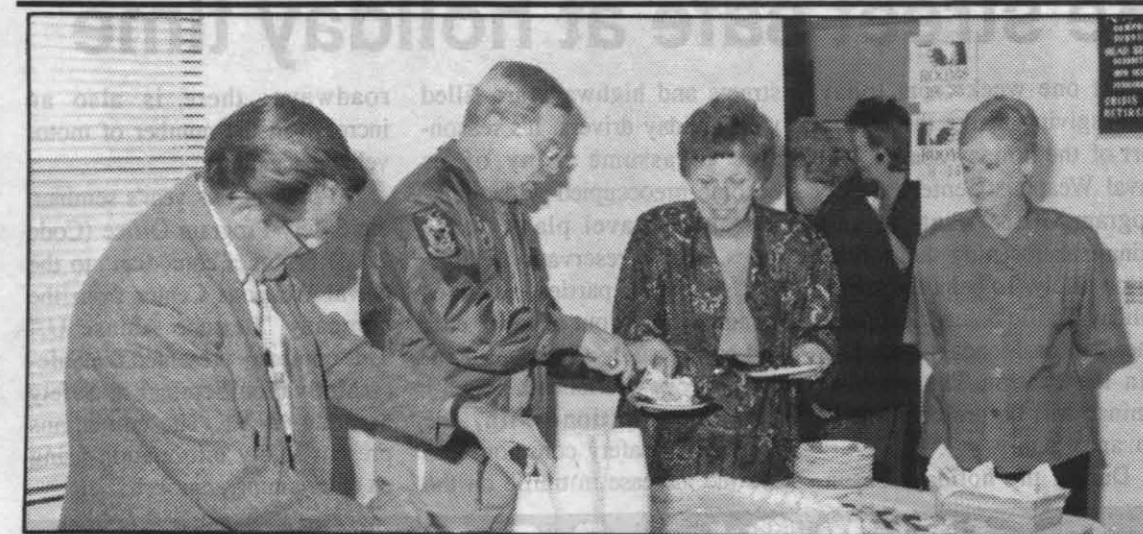
No. 36-035, Supervisory Engineering Technician, DT-802-3, Code 36444 - This position is located in the Salt Wells Model Shop Section, Engineering & Production Processes Division, Engineering Department. This Section Head position supervises an organizational unit which is predominantly technical in nature. The incumbent will direct and actively participate in the technical tasks of the personnel being supervised. The incumbent is responsible for the administration and technical management of sections responsible for conventional machining. **Job Relevant Criteria:** Knowledge of conventional fabrication and manufacturing techniques; knowledge of safety practices; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to supervise both wage

grade and demonstration project personnel; ability to communicate in writing. The selectee may be required to serve a one year supervisory probationary period. Full performance level is DT-3. This announcement closes 12/5/91.

No. 39-045 Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist/Mathematician) DP-801/830/855/861/1310/1520-3/4, Code 39B1A. This position is that of Program Manager in the Advanced Technology Applications Office, Anti-air Projects Office, Intercept Weapons Department. The Project Manager is responsible for all aspects of a developmental program effort at NAVWPNCEN, including planning, budgeting, contracting, staffing and project execution. The project manager will place personal emphasis on the tasks of negotiating and representing NAVWPNCEN status, positions, and plans to sponsors. The project manager will exercise direction of NAVWPNCEN in-house efforts and contracted efforts. **Job Relevant Criteria:** Knowledge of radar systems, test coordination; knowledge of major systems acquisition cycle; knowledge of NAVWPNCEN planning, budgeting, and contracting requirements; ability to work with higher level management. Ability to manage a technical program, including design, development, integration, test, validation, analysis of operational software and hardware. Ability to direct team effort. Current Top Secret clearance with SBI is required. "Notice Regarding Drug Testing Designated Positions" applies. Promotion potential to DP-4, but not guaranteed.

No. 62-040, Interdisciplinary Supervisory (General/Mechanical/Electrical/Electronics/Aerospace Engineer) DP-801/830/850/855/861-3/4, Code 623 - This position is the Head, Instrumentation Systems Division, Range Department. This division operates and maintains field instrumentation (range data sensors), including photo-optical, video, radar, laser tracking, and RF target systems. The division also designs, develops, procures, and installs advanced range instrumentation systems and RF targets and provides facilities engineering support to the department. **Job Relevant Criteria:** Knowledge of range testing and range field instrumentation; knowledge and experience in program management; knowledge of NWC personnel policies and procedures and a willingness to implement EEO policies and goals; and the ability to deal effectively with a large, diverse group of technicians, specialists, and professionals as well as other DOD and contractor personnel. This position requires that the employee be able to obtain and maintain a Top Secret Clearance. **Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box above. **A one year supervisory probationary period may be required for new supervisors. Previous supervisory experience desirable. Promotion potential to DP-4, but not guaranteed. This ad will close November 29, 1991.

No. 62-041, Supervisory Electronics Technician, DT-856-3, Code 62361 - This position is located in the Tower 9 Section of the Radar Branch of the Instrumentation Systems Division of the Range Department. As Section Head, the incumbent is responsible for the supervision of the Tower 9 Radars Site and will supervise section activities of fabrication, operation and maintenance of the North Range (Continued on Page 17)



BACK WHERE THEY BELONG -- While Roy Parris, head of the Safety and Security Department pours the punch, Capt. Douglas W. Cook, NWC Commander, passes pieces of cake to Judy Baron and Judy McVay. The department recently celebrated their move back into the refurbished Safety and Security building located on the corner of Knox Road and Blandy Avenue. Photo by PH3 Cary Brady

Library helps folks with holidays

In the Center Library, readers will find a multitude of ideas for creating an old fashioned Christmas.

The home-made decorations shown in *Better Homes and Gardens Holiday Decorations You Can Make* shout "Merry Christmas!" Clear step-by-step instructions are presented for decorations, Christmas stockings, centerpieces, wall hangings, candles and more.

Margaret Perry in *Christmas Magic* shows children and adults how to make scores of Christmas decorations and ornaments out of materials found around the house.

Successful candy making is easy with the charts and tables provided by Virginia Pasley in *The Holiday Candy Book*. Recipes for candy popcorn, fondants of all descriptions, mint patties, marzipan, many kinds of hand-dipped chocolates and hundreds of other holiday favorites are included.

Christmas Card Magic, by Margaret Perry, gives clear, illustrated directions for making cards into lasting decorations you will use from season to season.

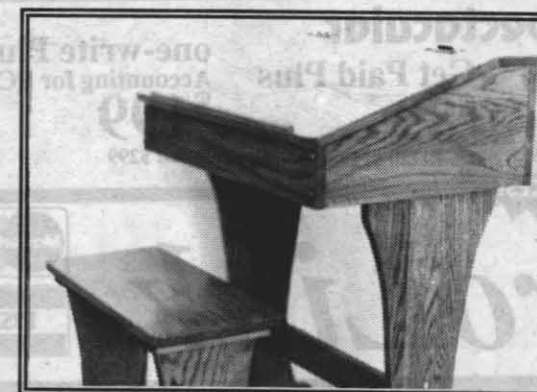
Readers who decorate outside find Helen Goddard's *The Gardener's Christmas Book* filled with prize-winning ideas and instructions for making festive decorations and arrangements. The Center Library is open Monday through Thursday, 11 a.m. to 8 p.m.; and Sunday, 10 a.m. to 6 p.m. The library is closed Fridays and Saturdays.

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NWC System 7.0 Policy

Macintosh users have been inquiring about NWC's official position on installing and using System 7.0 on their Macs. Here is Code 27's official policy for NWC:

1. System 7.0 is the most extensive change in Mac system software history. Departments should designate someone experienced with System 7.0 to coordinate installation and support within their Department.

Department coordinators should read System 7.0 Upgrade Suggestions, a memo published by Code 2723 (see sources below) for suggestions on how to smooth the transition and avoid problems. The PC Lab will support users and department coordinators with a JO. Richard Schlein (with Apple Computer, 446-7813) will assist department-level coordinators. Any purchaser of System 7 also receives a toll-free "800" phone number good for 90 days of direct Apple support.

2. Coordinators must alert users that the "Sharing Setup" control panel has the capability of publishing their hard disk and other volumes on NWCNet for all to see. Coordinators and users should read Security Cautions for Apple's System 7, published by the Network Security Office (Code 27105). This memo has been mailed to distribution C-2 (Departments, Divisions and Branches).

3. Individual departments will decide when their users may upgrade to System 7.0. Unless Departments have an identifiable requirement to switch to System 7.0, they should not feel rushed or compelled to upgrade at this time. Existing Mac system software version 6.X and the System 7.0 upgrade are compatible on the same network, so all Departments and Departmental users do not have to upgrade simultaneously.

Additional copies of the memos mentioned above are available free from the PC Lab. Electronic copies are available via NWCNet from the Code 27 AppleShare File Server (path: Code 27 Main Volume: Public: System 7: NWC System 7 Policy & Suggestions).

###

If you are a new System 7.0 user, here's a tip from Bryan Morgan (Code 3217). Many Inits, Control Panels and other System Folder utilities, written before System 7.0 was released, expect to be located in the System Folder and get confused when they are located in the Extensions or some other subfolder. They will usually load correctly, but will have trouble reading saved preferences or loading help or configuration information. These minor problems can usually be resolved by proper location of the files and/or the use of aliases.

For example, QuickMail version 2.2.3 is not entirely System 7 savvy. System 7 will automatically put the Quick INIT into the Extensions folder and the QuickMail desk accessory into the Apple Menu Items folder. For QuickMail 2.2.3 to work and save preferences properly, move the Quick INIT, QM Menu, QuickMail.Help, NameFinder and QuickMail desk accessory files all to the System Folder, but not inside the Extensions or any other folder. Then create an alias for the QuickMail desk accessory and put the alias in the Apple Menu Items folder (within the System Folder).

Testing Expert System Software

Dr. Andrew Sung, Chairman of the Department of Computer Science of New Mexico, Institute of Technology, will be here to give a lecture on testing Expert System Software. This event will be held in the Michelson Lab Conference Room B/C at 1030 on the 25th of November. The lecture is hosted by Code 2723. More information or questions should be directed to Nobel Nkwocha, Code 2723, NWC ext. 4541.

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Be street safe at holiday time

Just one week from today, Thanksgiving marks the official start of the holiday season. The Naval Weapons Center's Safety Program Office wants to help China Lakers enjoy the holiday season safely. To help, the annual Holiday Traffic Safety Seminar is scheduled on Monday, December 2 in the Station Theatre. The seminar will be presented at 10 a.m. and 1 p.m.

During the holiday season,

streets and highways are filled with holiday drivers. It's reasonable to assume many of us become preoccupied with thinking about travel plans, leave dates, airline reservations, holiday shopping, parties, relatives coming in from out of town, etc., and basic traffic safety considerations may be overlooked.

In conjunction with the decrease in safety consciousness and the increase in traffic on the

roadways, there is also an increase in the number of motor vehicle accidents.

To present this year's seminar, the Safety Program Office (Code 2405) brings a comedian to the Naval Weapons Center from the company "Lettuce Amuse U." This company presented the Safety Motivation Seminar at Safety Standdown '91. The comedians present safety information using an entertaining approach.

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Sports

NWC youth soccer players show their improved skills



With only one more week to play, members of the Naval Weapons Center Youth Soccer League are showing improvement as they demonstrate the skills and strategies taught by their volunteer coaches. The Youth Center offers a variety of youth sporting activities. For more information about youth sports, call Gregg at NWC ext. 2909.

Division I

Cobras 3, Aztecs 0

Two goals by Bryan Rilea and one by Steven Jackson put the bite on the Aztecs. Defensive moves by David Good and Michael Tanner shut out their opponents. The Aztecs had good plays by Erin Koop, Chad Marshall, Curtis Nelson and Justin Dorrell.

Stallions 1, Express 0

In a hard-fought game, the Express fell to the Stallions in spite of excellent moves by Jared Zurn and Michael Moran. The Stallions did not turn in a score sheet.

Division II

Stallions 1, Rockets 1

Neither team could get the advantage in this exciting match. The Stallions had strong support from Nicholas Sullivan, Jennifer Bowman and Jeremy Noennich. Christopher Marshall scored the Stallions' lone goal. Tarah Koop and Patrick Stanley played hard for the Rockets, while Tyler Curran scored the team's only goal. Tony Kelly and Eric Richison narrowly missed putting the Rockets in the lead when their shots went wide.

Whitecaps 2, Earthquakes 0

The Whitecaps stopped the Earthquakes due to defensive efforts by Paul Daughtry and Ronnie Gutmark and goals by Griffin Edwards and Jesse Bass.

The Earthquakes did not turn in a score sheet.

Sidewinders 1, Vipers 0

Michael Dorrell's goal in the second quarter proved to be the only goal of the game. Defensive moves by Russell Ricks, Isaac Combs and Andrew Vander Hoek shut out the Vipers. The Vipers had strong support by Ryan Crosscay, Cara Beasley, Jacob Nazeck and Jonathan Bricke.

Division III

Hornets 0, Apollos 0

Defensive moves by the Hornets' Jerome Webber and Andy Smith prevented the Apollos from scoring, while defensive plays by Carlos Olsen, Matt Serna, Ruth Fowler and Levy Steinmetz shut out the Hornets.

Hurricanes 3, Cougars 1

In spite of efforts by Brandi Estes, Bruce Heath and Jay Beitness, and a goal by Doug Bowman, the Cougars fell to the Hurricanes. The Hurricanes did not turn in a score sheet.

Tornadoes 2, Hawkes 0

Goals by Erik Rosenlof and Mark Ogren and defensive moves by Ben Nazeck and Erin Stoner gave the Tornadoes their victory. Greg Ford was credited with an assist in the win. The Hawkes did not turn in a score sheet.

Division IV

Eagles 5, Goalbusters 3

Two goals by Heather Busby and one each by Brett Thompson, Charles Curtis and Scott Giroux soared the Eagles to another victory. The Goalbusters did not turn in a score sheet.

Blue Devils 5, Red Devils 3

In another fast-action game, the Blue Devils edged past their opponents due to good plays by Thomas Koelsch and Will Squire, along with two goals by Tony Decarlo and one each by Chris Maki, Barrett Edwards and Jamie Critchfield. The Red Devils put up a good fight with efforts by Jason Edgren, Jonathan Davis and Matthew Wilson, along with two goals by Ben Coleman and one by Robbie Hoffman.

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No-tap bowling tourney set Nov. 23

Experienced and even novice bowlers can compete during the No-Tap Bowling Tournament scheduled at Hall Memorial Lanes on Nov. 23. Squad times are set for 1, 3 and 6 p.m.

According to Bill Booth, Hall Memorial Lanes' manager, the tournament is divided into two divisions. The Men's Division will be scratch, no handicap; while the Women's Division will be handicapped. This will let novice bowlers have as much

chance as the experienced bowlers.

Entry fees are \$15 per person. Ten dollars of that amount goes into the prize fund, while the other five will pay for bowling expenses.

While pre-registration isn't necessary, Booth recommends it, so there will be an even distribution among the squads. To register, or for more information, call NWC ext. 3472.



MWR

Center now offers fresh-made pizza

Freddy's is open!

With a snip of the scissors, Freddy's Place, the new sports lounge at the Seafarer Club, opened for business last Friday. Col. J.R. Agenbroad, the commanding officer of the Marine Aviation Detachment at China Lake and Fred Garcia, the Seafarer Club manager, performed the opening honors.

The new sports lounge, featuring sport paraphernalia throughout the room, was designed as a place where all hands, military and civilian alike, could come to relax, watch television, play video games or just bite into some fresh-made pizza.

"This isn't any of that frozen pizza," said Garcia. "The pizzas are made fresh each day from 100 percent natural ingredients."

People celebrating the grand opening were treated to a variety of pizza. Comments about the pizza ranged from, this is really good pizza to it's better than some pizza you get in town.

While Freddy's Place has limited delivery capabilities during the lunch hour, Garcia said they will soon be able to handle the lunch crowd. Currently pizza delivery is available to Center housing starting at 4 p.m. To order a freshly made pizza, call 939-2581.

Freddy's Place is open from 11 a.m. to 10 p.m., Sunday through Thursday, and from 11 a.m. to 11 p.m. on Friday and Saturday.

Come and check out the new sports lounge today! Relax, enjoy delicious pizza and catch a show on one of their four televisions.



GRAND OPENING -- Col. J.R. Agenbroad, CO of the Marine Aviation Detachment, snips the ribbon opening Freddy's Place, which serves fresh pizza, such as the ones Heather Rolen and Laurel Keifer are carrying. Watching are Angela Shannon and Fred Garcia. Photo by PH3 Cary Brady

Comedy Night set for Friday

Once again, the Morale, Welfare & Recreation Department will sponsor Comedy Night at the Seafarer Club. Three comedians who have appeared on Show Time and Evening at the Improv will "strut their stuff" on Friday, Nov. 22, starting around 8 p.m. Before the show, at 6 p.m., enjoy a prime rib dinner with all the trimmings. Cost is only \$7 for the show and \$7.95 for dinner.

For more information, call NWC ext. 2581.

Baked goods now available

Save time during the holidays this year and let the Seafarer Club do the baking! Enjoy freshly made baked goods from now through Dec. 20. According to Fred Garcia, the club's manager, the items are freshly baked each day. To ensure adequate preparation time, a 24-hour notice is required.

Items available include cookies, muffins, holiday cupcakes, hot croissants, nut bread, fruit pies and walnut custard pies.

Start preparing your orders today and have some extra time during this holiday season. Call NWC ext. 2581 to place your holiday orders.

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Security clearances now require a credit check too

All investigations for security clearance now require a check of the applicant's credit history. In the past, credit checks were done only for Background and Special Background Investigations (BI/SBI). This has been expanded to include National Agency Checks (NAC) and NAC with written inquiry (NACI).

Why? Why is credit so important? There are, of course, many reasons people choose to commit espionage, but money is **ALWAYS** involved. When financial problems become overwhelming, employees will look anywhere to come up with the money necessary to recover and reduce the stress caused by bill

collectors, repossessions and garnished wages. Some see no way out and resort to espionage.

Such was the case with a former Army warrant officer (WO). The warrant officer's commanding officer had received numerous letters of indebtedness on the WO. He called the WO into his office and told him he had 30

days to clear up the problem. Having no where else to go, the WO went to his friendly KGB loan officer and gave away some of the NSA's most valuable secrets. In 30 days, the WO presented his CO with receipts showing the bills were paid. The CO said, "Don't let it happen again," and the matter dropped. That was the beginning of a ten-year "tour" with the KGB.

Now that finances are included in all investigations, it is hopeful that these weaknesses will be discovered before they develop into serious problems for employees and National Security.

Those who are having financial problems can find help through the Employee Assistance Program. For additional information, call John Hammonds, security manager, at NWC ext. 3721.



More Good IDEAS

The good IDEAS continue to role in. We've received 16 new IDEAS in the last two weeks covering everything from lock combinations to project calendars. So take a look and see if they help you think of better ways to do things. The Center needs everyone's good IDEAS, especially on things that will help us do more with less. Let's see if we can take some of the "mean" out of the "lean and mean" times that are before us by getting a head start with our own IDEAS.

If you have any questions or need any information about the IDEAS process, we'd be glad to talk with you. You can reach Bruce MacIntosh or Melanie Truesdale in the IDEAS office at NWC ext. 2311, or E mail - SCF::IDEAS, or QuickMail - "IDEAS Office".

In the last week these new Ideas were submitted: IDEA No. 250, Combination Lock Changes Tracking, Patty Caraker, Code 32902 (proposes a method and a form for tracking combination change envelopes); No. 251, PC Users on QuickMail, Clar Merzals, Code 3295 (suggests a process to help users get notified of incoming QuickMail messages); No. 252, AutoVon Lines for FAX Machines, Ken Newton, Code 2606 (suggests all FAX machines be connected to AutoVon lines); and No. 253, ATM for Michelson Lab, Satik Martinsen, Code 36402 (have an ATM placed in Michelson Lab).

Other IDEAS submitted include IDEA No. 254, Parking at North End of Michelson Lab, Pamela

Ross, Code 3134 (proposes more time-limited parking spaces be located at the north end of the lab); No. 255, Travel Voucher for WordPerfect 5.1, Michael Martin, Code 64153 (a travel voucher form on WorkPerfect 5.1 for IBM PC users); No. 256, Safety/Fire Dept. Walk-throughs, Rick Breiten-gross, Code 36813 (proposed a different approach for safety and fire teams on compliance audits); No. 257, Turnstiles for Michelson and Lauritsen Labs, Brent Hedman, Code 39405 (suggests turnstiles be placed East of Michelson and West of Lauritsen labs); and No. 258, Rescheduling Travel, John Seybold, Code 35209 (suggests an alternative process for rescheduling travel to avoid re-doing travel orders).

Additional IDEAS include IDEA No. 259, Recycling for Base Residents, Wayne McGill, Code 3646 (proposes recycling containers for base residents); No. 260, Recycling Bins, Wayne McGill, Code 3646 (suggests multiple bins for sorting and recycling paper products); No. 261, Restricting Alley Access, Wayne McGill, Code 3646 (proposes access to alleys be restricted to official/emergency vehicles to make them safer for children walking to and from school); No. 262, Consolidation Information, John Giovino, Code 2832 (recommends a central point of information be established for consolidation for "rumor control"); and No. 263, Replacing Overhead Projectors in Conference Rooms, Dale Walker, Code 39A (suggests overhead projectors in the various conference rooms be systematically replaced with light tables and television cameras similar to those in the Teleconferencing Center).

The final two IDEAS submitted are IDEA No. 264, Plant Accounting Pilferable Items, Leah Pauls, Code 6446 (replace the current bar coding and plant accounting of the less expensive, small, pilferable items by stamping or engraving the item with Navy markings); and No. 265, Calendar Holder, Betty DeBold, Code 3134 (proposed a way to mount whiteboard calendars for easy access).

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When power fails, fire fighters get busy

By Barry McDonald
Rocketeer Staff Writer

At one time, last Thursday, the Naval Weapons Center Fire Division had the dispatcher, an alarm technician and two off-duty fire fighters routing engines to the many alarms coming into the main station during the bizarre power outage affecting all of the Indian Wells Valley, Trona and Randsburg.

The team worked in assembly-line fashion starting with one person reading off alarm-box location code numbers from a paper tape readout printed for each in-coming alarm box call. A second person looked up box locations and details of the building's fire protection systems in the "Alarm Book" and fed the information to the dispatcher. Ordinarily, when a call comes in through the Gamewell alarm system, the alarm-book information is displayed on a computer screen for the dispatcher, but because of the outage, the computer was down, so they went to a manual system, looking up each location in the book.

The fourth person handled telephones and passed trouble calls on to the dispatcher.

When the power goes off, the fire alarm panels on the inside of many buildings go to battery backup, LEDs light indicating the system has gone to battery and an audible alarm tone is sounded. Most of the phone calls to the station were to report panels beeping, with lights flashing. Alarm panels are a central collecting point for building protection systems -- sprinklers, smoke detectors, etc.

In the case one of the systems had detected a source of heat or smoke, the central panel would send a signal to the old red Gamewell alarm box on the outside of the building, tripping the mechanical system that sounds the alarm in the main station.

Gamewell boxes, with the same style manual pull-down handles, have been in use in

municipalities since the late 1800s. Those on Center have been modified with an electronic solenoid-type apparatus that manually trips the internal device. This wind-up mechanism has a cog, coded with two to four numbers, that, as it rotates, sends the box's number in a series of individual rings and pauses on a bell in the firehouse. By counting the rings, fire fighters of old could identify where the alarm was coming from. Arriving on the scene, seeing smoke or other evidence, fire fighters could trip the box again one or more times depending on severity and summon more help. Thus came the defining of fire intensity as "one-alarm", "two-alarm" and so on.

Of course, nowadays, the system is also computerized and ring counting is done electronically as each spike on the cog energizes the clapper for a tap on the bell.

In some of the older 110-volt systems, a power outage will send a signal to the Gamewell box causing a standard alarm, when, indeed, there is no fire or other source of heat. Some of the 30 alarms responded to last Thursday were of that nature. Others were either manual pulls by people who smelled smoke or system-detected false alarms. As it turned out, there were no actual fires.

Since it was Thursday, Deputy Fire Chief Darrell Johnson was relieving the assistant chief. "This wasn't so abnormal for a Thursday," Johnson chuckled. "The fire fighters all say, 'Here comes Johnson, it's gonna be a busy day.' It just seems when I'm working on Thursdays things happen, and they like to put it off on me being some kind of a jinx."

Johnson was in the field Thursday, serving as a rolling command post, prioritizing calls from the dispatcher to two engines from the main station and one called in from Station 3 at the airfield. He kept the ambulance with him and responded to some main-site calls

himself, enabling them to respond to four buildings at once. Meanwhile, crash crews were responding to fire alarms at the airfield, and Station 4 at Randsburg Wash was busy with multiple alarms of its own.

With the first call coming in at about 1:30 p.m., the units were busy chasing alarms and resetting alarm panels until about 9:30 p.m. The final call came in about two hours later when a sprinkling system was energized with water, sending the automatic alarm to the station. The clapper valve on the sprinkler riser, normally held shut with air pressure, opened when an air compressor failed to come back on after power was restored. Since none of the sprinkler valves had opened, the system was fully energized and water was spilling from an overflow valve when the crew arrived.

Deputy Chief Johnson said, "The Fire Division appreciates the cooperation and courtesy extended to us while we were busy resetting systems and restoring fire protection systems on the Center."

Southern California Edison district manager Carol Beck said, "This is a strange phenomenon. We've never had any experience like this in the area, and I've never heard of anything like it happening anywhere else." Tuesday, the manager said preliminary findings indicate that light rain caused an equipment malfunction at a substation near Trona, which in turn resulted in a power outage, manifested as fireballs, being sent down the 115,000-volt line to the Inyokern substation.

That line crosses the Indian Wells Valley south of Ridgecrest along Springer Avenue before intersecting a connecting loop south of Inyokern. At some point, due to the power surge, the 115,000-volt line sagged, connecting with the 12,000-volt line along Bowman Road. This caused additional surges, fireballs and downed and arcing lines.

Professor sets Nov. 25 talk on software

Dr. Andrew H. Sung, associate professor and chairman of the Department of Computer Science, New Mexico Institute of Technology, will talk about "Testing Expert System Software" on Monday, Nov. 25, from 10:30 to 11:30 a.m. in the Michelson Laboratory's Conference Room B/C. For information, call Noble Nkwocha at NWC ext. 4541.

Surplus auction planned Dec. 5

Local Auction 41-2103 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake on Thursday, Dec. 5. The auction begins at 9 a.m. in Building 1073, Warehouse 41.

The items will be on display for inspection from 7:30 a.m. to 2:30 p.m. daily, except weekends, beginning Monday, Dec. 2. A complete list, as well as sales terms and conditions, can be seen at Building 1073, Warehouse 41.

Registration will begin at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid. Because the DRMO is within the Naval Weapons Center's interior security fence line, people without an NWC pass must stop at the main gate Visitor's Center and obtain a pass before coming aboard.

Wellness:

For your heart's sake, don't let your healthy diet go on vacation during the holidays.

Foods high in cholesterol, fat and salt are common in traditional holiday meals. If eaten on a regular basis, they also may lead to higher blood cholesterol and blood pressure, which are risk factors for heart disease.

Yet holiday feasts can be festive without being fattening. Your diet should include various fruits, vegetables, low-fat dairy products, breads, cereals, pasta, grains, poultry, fish and lean meats. So, create your own holiday traditions by modifying recipes and changing habits.

How do you do it? Carbohydrates should be a little more than half of your daily calories, the

Holiday season does not have to mean ruined diets if people feast on the right kinds of food

American Heart Association says. Limit your total fat intake to 30 percent, or about a third of your calories. (Limit saturated fatty acids to 10 percent and polyunsaturated fatty acids to 10 percent.) The rest of your calories should come from protein.

In addition, your cholesterol intake should not exceed 300 milligrams per day. And keep sodium intake to under 3,000 milligrams (about a teaspoon of salt) per day.

If you drink alcohol, limit your daily intake to no more than one or two ounces. An ounce of ethanol (pure alcohol) is contained in 2 ounces of 100-proof whiskey, 8 ounces of wine, or 24 ounces of beer.

You can help avoid obesity --

another risk factor for heart disease -- by balancing your caloric intake with physical activity.

And with a little creativity, you can enhance holiday meal traditions.

For example, use margarine instead of butter and egg whites or cholesterol-free egg substitutes for whole eggs. Choose low-fat or fat-free dairy products such as skim milk, one percent fat milk and low-fat cheese.

When choosing grain products, use whole grain breads such as 100 percent whole wheat or rye; whole grain cereals such as oatmeal or shredded wheat; and brown rice and pasta.

Use oils that have less saturated fatty acid. They include canola, corn, safflower, sunflower

seed, sesame seed, soybean and olive.

Chicken, ground turkey without skin, lean beef and pork are better than beef and pork with heavy fat covering and marbling such as rib roast, t-bone steak, sausage, bacon and ham.

Bake, braise, broil, roast and saute meats, fish and poultry because these methods require little extra fat and tend to remove fat contained in the meat.

Try a low-sodium salt substitute instead of using salt for seasoning. Better yet, use spices and herbs to enjoy natural flavors of food.

For desserts, serve more fresh fruits and low-fat or non-fat yogurt instead of cake, candy, pie and ice cream.

To avoid gorging, don't fast before a feast. Eat a healthy snack between meals. Avoid eating every type of food just to please hosts. If you do, take only a third or fourth of your normal serving.

Plan gatherings where food is not the central focus. Have a soup or salad buffet lunch or brunch instead of the normal afternoon and evening feasts. Arrange foods on tables in decreasing order of importance. Serve dessert only after the meal.

When dining out, avoid foods with sauces, gravies and salad dressings; they add extra calories.

In short, don't be a stuffed turkey at Thanksgiving. Serve healthful meals to family and friends as a Christmas or Hanukkah gift.

Letters from Santa Claus are possible again this year
If you know a child who would like to receive a letter from Santa, postmarked from the North Pole, send the child's letter, the letter you want the child to receive from Santa and a stamped envelope addressed to the child to: 343rd OSS/WEA, 1215 Flightline Ave., Suite 2, Eielson AFB, AK 99702-1520.

NWC employees eligible for financial counseling

Each year, thousands of people are confronted with overwhelming money problems. It all starts when it's time to pay bills. You take out your checkbook, look at the balance and add up what you owe. You realize you don't have money to pay them all, so you begin with the priorities. Who gets paid first? Who can wait? The fact is, everybody wants their money. If you can't do something about it, you're in trouble. Trouble can spill over into your work and family life. You receive late payment notices, letters from attorneys and unpleasant telephone calls.

The NWC Employee Assistance Program has arranged for a representative from the Consumer Credit Counselors of Kern County, a non-profit community

service agency from Bakersfield, to come to the Naval Weapons Center to offer counseling. Your financial situation will be reviewed by a trained counselor. This service is being offered

under the Employee Assistance Program free of charge.

All you need to do is call the NWC Employee Assistance Office, NWC ext. 2574 to arrange for an appointment.

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