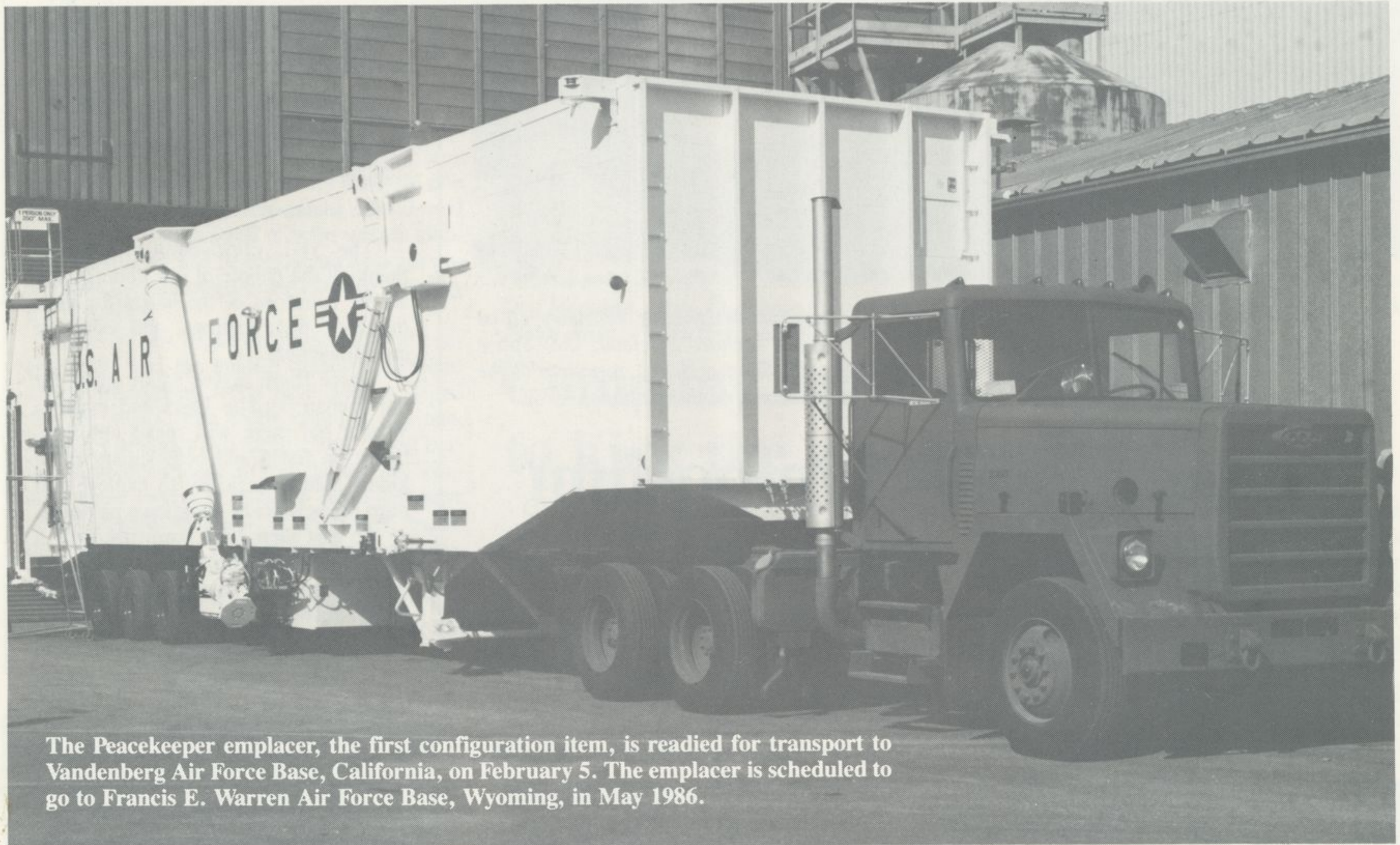


February 14, 1986

Number 3



The Peacekeeper emplacer, the first configuration item, is readied for transport to Vandenberg Air Force Base, California, on February 5. The emplacer is scheduled to go to Francis E. Warren Air Force Base, Wyoming, in May 1986.

\$11.3 million environmental program set

Denver Aerospace has begun spending \$11.3 million to upgrade the company's environmental facilities and to continue groundwater cleanup efforts begun in 1985.

Company president Peter B. Teets said the money is being used to improve various waste and wastewater management facilities to preclude the release of any unauthorized waste products in the future.

The expenditures could include a second groundwater interception and treatment system similar to one the company built and began operating in September 1985.

"This program is in line with Martin Marietta's continuing commitment to environmental protection and the safety of both our personnel and the public," Teets said. "It will ensure that we meet or exceed all environmental requirements."

Teets added that the company intends to continue cooperating fully with the U.S. Environmental Protection Agency and the Colorado Department of Health in addressing environmental issues.

Company investigations have detected contaminants in the groundwater at the Waterton plant site. Small amounts of contaminants also have been located beyond the company's boundaries, but tests have shown Denver's drinking water is free of contamination.

The company spent \$3 million in 1985 on environmental controls, including construction of a groundwater interception and treatment facility to clean groundwater between the Denver Aerospace plant and the Kassler water treatment facility. The system has successfully reduced organic contaminants in the water to below detectable levels.

Teets said a major thrust of this year's environmental program will be a continuation of work to clean up groundwater and prevent any further migration of contaminated groundwater from company property.

"Our goal is to ensure that no unauthorized contaminants leave our property and that any contamination already existing is cleaned up properly and as promptly as is physically feasible," Teets said.

Additional funds will be used to modernize the company's waste treatment plant, its collection system, and other facilities.

Major facility improvements planned include closing sumps and hazardous waste storage units and replacing them with above-ground tanks or hard piping to the waste treatment area; developing structures for control of potential spills; and installing monitoring wells where needed. Additionally, the company will increase the amount of waste recycled and evaluate the use of less hazardous chemicals.

Martin Marietta's 1986 environmental plans also include initiation of improved environmental management systems and development of a comprehensive groundwater monitoring program.

To ensure that the Company's goals are met, Denver Aerospace will continue to enlist some of the top environmental consulting firms in the country, including Arthur D. Little, Inc,

Continued on page five



Those in attendance as Governor Lamm signs the proclamation designating February 10 as Aviation and Space Education Awareness Day are, left to right, Richard Macleod, U.S. Space Foundation; Bruce Hulley, Dr. Victoria Duca, Val Kluver, and Sharon Henry, members of the board of directors for CEACAS; and Fitzroy Newsum, civic liaison, public relations.

Company holds symposium for aerospace teachers

Governor Richard D. Lamm recently proclaimed February 10 as Colorado Aviation and Space Education Awareness Day.

To help educators learn about available programs, resources, services, and personnel, members of the Colorado Education Advisory Council on Aviation and Space (CEACAS), together with Denver Aerospace public relations, held a one-day symposium for aerospace education teachers. The symposium included a series of discussions and a tour of the Gallery at Waterton and the space operations simulator.

Key individuals attending the symposium in-

cluded Dr. Victoria Duca, chairperson, CEACAS; Dr. Mervin Strickler, Headquarters, Young Astronauts Program, Washington, DC; former astronaut Col. James Irwin; Richard Macleod, director of the United States Space Foundation; and notable aerospace educators from Colorado.

Lamm's proclamation recognizes CEACAS, the U.S. Space Foundation, NASA, the Civil Air Patrol, Martin Marietta Corporation, and the Young Astronauts Council, for contributing to educating youth about the challenges and benefits of the space age.

Corporate news

Appel to head Magnesia Specialties

Martin Marietta Corporation has appointed W. Walter Appel president of Martin Marietta Magnesia Specialties, headquartered in Hunt Valley, Maryland.

Magnesia Specialties is a major supplier of industrial and agricultural magnesia and of magnesia-based refractory products.

A native of Baltimore, Maryland, Appel, 50, joined the company in 1963, and has been acting general manager since the death of Robert H. Rook last year.

New computing center underwritten by Corporation

Martin Marietta Corporation has made an \$85,000 grant to the University of Maryland for creation of a microprocessing laboratory in the College of Business and Management.

The grant, presented by Norman R. Augustine, executive vice president, to John B. Slaughter, university chancellor, will underwrite the "Martin Marietta Microprocessing Laboratory" to provide some 500 master of business administration (MBA) candidates and other business graduate students with the equipment they need to become skilled in the use of microcomputers for all business functions.

Crew families ask dedication to space flight

The families of the Challenger crew have urged Americans to "keep the dream alive" by continuing the manned exploration of space.

The joint statement was offered to NASA February 6 by June Scobee, widow of Challenger commander Dick Scobee.

The statement reads:

"The 51-L crew families want to thank all the people of our country and all the countries of the world for their thoughts, their feelings, and words of encouragement.

"Space flight serves as an outlet for our human need to learn and expand. What's out there will make our lives better on Earth and help satisfy mankind's natural curiosity to explore and push the borders of the known universe.

"So that their lives were not lost in vain, we must rededicate ourselves to the exploration of space and to keep the dream alive."

PSP matching at 100% in '85

The Corporation will match 100% of each qualified employee's basic contribution to the Performance Sharing Plan in 1985.

The 100% match marks the fourth time in the eight years since the plan was established that such results have been achieved, noted Thomas G. Pownall, chairman and chief executive officer, in a recent letter to employees.

"Despite the fact that we experienced both a multiyear recession and a demanding takeover episode during these years, the average distribution still has exceeded 76%, well over the goal of a 50% average established at the outset," Pownall wrote.

"The new year 1986 clearly will be characterized by stringent budgetary constraints for our customers and unabated competition for us in our areas of expertise. In this rigorous environment, I know you join me in dedication to continued accomplishment that will earn another 100% match."



Company Institute classes attract 3200 employees

More than 3200 employees registered recently at the Littleton Systems Center cafeteria for Martin Marietta Institute classes. Approximately 740 persons enrolled in engineering courses, 900 in computer science courses, almost 1300 in professional courses, and about 310 in other technical courses. For information about the Institute, contact Betty Hilton, ext 7-5226.

Open house set July 19

This year will mark the 30th anniversary of Martin Marietta operations in Denver. To commemorate this milestone, the company will host an Open House for all employees and their families on Saturday, July 19.

In addition, employees and their families are invited to attend an exclusive Denver Zephyrs baseball game on August 13, and may select two of the following events, held exclusively for Martin Marietta:

- Ice Capades, Saturday, April 5, or Sunday, April 6;
- Denver Symphony Pops Concert at McNichols Arena, Sunday, June 1;
- Elitch Gardens Amusement Park, Saturday, September 6.

A letter explaining the year's events from Richard E. Weber, vice president of personnel, facilities, and services, is being sent to all employees this week. Activity cards will be distributed to all mail points so that employees may indicate their preferences.

News briefs



Reynelda Muse

Reynelda Muse to speak at career women's group

Reynelda Muse, co-anchor for Channel 4 evening news, will be the featured guest speaker at the Career Women's Association (CWA) February 27 meeting.

Her presentation, "Having it All" is a personal odyssey through 14 years of experience combining career, marriage, and children.

The meeting, which marks the first anniversary of CWA, begins at 5:30 p.m. with cocktails at the Ramada Inn at Republic Park, located at Arapahoe Road and I-25. Reservations should be made with recreation/employee service boosters by 3 p.m. on February 24.

Emley wins new term as city council head

Littleton City Council members elected Charles L. Emley to a second 2-year term as council president.

Emley, Denver Aerospace finance manager for Space Station, has served as president of the council since 1983. Before that, he was president pro tem for 2 years. He began working for Martin Marietta 27 years ago on the Titan I program.



Charles L. Emley



Amer Plaisted

Denver man honored by El Jebel Shriners

Amer Plaisted, business management plans and programs department, was named an Outer Guard of the 8000-member El Jebel Shrine of Denver recently. Plaisted also is in line to become potentate.

"The 187 Masonic Shrines of North America own and operate 19 orthopedic hospitals and three burn centers for children located in the U.S., Canada, and Mexico," Plaisted said. "The centers are open to any child under the age of 18 at no cost," he said.

For more information concerning the care of crippled or burned children, contact the El Jebel Temple, 455-3470.

Volunteer firefighters get hot training

Members of the plant protection department were selected to participate in the first major offsite fire training exercises at the South Metro Fire Academy in mid-January.

"We need people skilled in practical, real-life training at Waterton, and this training provides our firefighters with the real challenges of a building engulfed in smoke and flames," said Sgt. Kyle Corray, the training officer in charge. Senior instructor Sharyn Baker taught the first 40 hours of the live fire training exercises.

The Fire Cadre, as the five employees and supervisors from each shift are called, take a total of 200 hours to earn Fire Fighter I status, certified by the state of Colorado. Employees, selected by their shift commanders, were medically approved before A. J. Sulzer, chief of plant protection, made final approvals.

Although this marked the fourth time in training for Sgt. Corray, "It's still as hot and as real as it seemed the first time. It teaches our fire fighters to work as a team in a burn house that reaches almost 1200 degrees Fahrenheit at ceiling level. Even crawling along the ground, the more than 200 degrees Fahrenheit was enough to melt our face shields."

Corray said the burn house is specifically constructed to avoid backdrafts or flashovers, "which would mean the room would have burst into flames if it reached a high enough temperature."

Those attending the firefighting classes in mid-January were Cpl. Mort Arment, Cpl. Rod Evers, Cpl. Fred Erickson, Cpl. Steve Smetana, Insp. Larry Rounds, and Sgt. Corray Kyle, all from the day shift.

Volunteers from the swing shift were Cpl. Richard Atencio, Cpl. Rueben Ortega, Cpl. Darrell Root, Insp. Wayne McKelvy, Insp. Dan Wessels, and Lt. Norman Casey.

Employees from the night shift were Cpl. Ron Crain, Cpt. Robina Montgomery, Cpl. Robert Harvey, Cpl. Roger Thorpe, Insp. Richard Hernandez, and Sgt. Mark Dorman.



Wayne McKelvy, left, standing, and Mark Dorman, right, pull instructor Baker, acting as victim overcome by smoke, from the burn house.



Instructor Sharyn Baker approves rescue operation during part of training exercise.



A South Metro Fire Academy instructor, far left, reviews exchange of a self-contained breathing apparatus bottle between Baker, center, and Roger Thorpe, during burn exercise.

Continued from page one

which is helping develop improved environmental management systems and procedures; Geraghty & Miller, Inc, groundwater experts; and Morrison-Knudsen, an engineering firm.

Denver Aerospace has signed an agreement with the U.S. Environmental Protection Agency (EPA) under which the company will take the lead in investigating hazardous waste contamination at its Waterton facility.

The agreement caps several months of negotiations between Martin Marietta and EPA, which will have an oversight role in the investigation.

Under the agreement, the top priority of the first phase of the investigation will be an inactive site at Waterton in the Upper Brush Creek area that was used in the past for disposal of a variety of liquid wastes and an old landfill used in the 1960s for disposal of solid wastes. Subsequent studies will be conducted on other potentially contaminated sites identified during the first phase.

The company began an evaluation of the inactive site and the landfill area last October. Thirty monitoring wells have been installed and the water from them sampled and analyzed for organics and metals, and 28 soil borings have been made to test the soil for contaminants. Twelve monitoring wells also have been installed on lower Brush Creek, below the inactive site, to determine the extent of any migration.

"We believe we've set up a good working relationship with EPA and can accomplish what we are committed to do and have been planning to do all along," said Richard E. Weber, vice president, personnel and facilities. "We will continue to work cooperatively with EPA to make it happen."

The company expects to complete the remedial investigation and feasibility study at the site in 12 to 18 months. Following the investigation, a feasibility study to recommend a method for cleanup will be submitted to the EPA. Actual site cleanup will be conducted following public comment and EPA approval of the selected cleanup method. In the interim, the company is looking at the feasibility of constructing a system of wells to contain any contaminated groundwater. ■

Shuttle child fund eligible for match

Martin Marietta Corporation will match all employee donations to The Space Shuttle Children's Fund to aid the 11 children of astronauts who died in the Challenger accident last month.

The fund, with First Lady Nancy Reagan as honorary chairman, has been set up by the American Security Bank in Washington, D.C., which is administering the trust.

Employees' contributions, by check made to Space Shuttle Children's Fund, are being gathered by the personnel department. The Corporation will match the gifts and forward the money to the bank until March 31, 1986. ■



Graduates of the smoking cessation seminar are, seated, left to right, Lora DePatie, instructor Don Montague, Patti Eisenbrandt, and Mary Merritt. Standing, left to right, are John Hancock, Janice Rhea, Peggy Hart, and Kenneth Freeman.

Company helping employees to kick the smoking habit

Graduates of the first Martin Marietta-sponsored Smoking Cessation Seminar celebrated 90 smoke-free days recently, and most feel confident they will not smoke again.

"I feel great," said John Hancock, senior staff engineer in special programs. "I had quit several times, but this clinic gave us better advice. I don't think I'll ever go back, and since eight of us made it, that says real positive things for that course."

Conducted by Presbyterian St. Luke's Medical Center, the eight employees began the program October 23, 1985. Followup sessions will be held at 6, 9, and 12 months to reinforce training.

The second company-sponsored program began in January with 15 employees, and a third program that began in February has 20 employees enrolled. Dates of the seminar to start in March will be announced soon. ■



Canaveral Operations hears president's 1985 review

Peter B. Teets, right, Denver Aerospace president, receives greetings from W. E. Fields, director of Canaveral operations. Teets, at the Florida operations recently to deliver his "State of Business" presentation to employees, said Denver Aerospace business is good, and the future looks bright.

Employee services/recreation

Tax forms—Federal and state 1985 income tax forms are available at the following locations:

- Waterton—Eng 124
- DSC—Room 167
- LSC—Rack in main hallway
- S. Lincoln—Personnel office
- ASC II—Room 93
- Greenwood Commons/Southpark—Order forms available in racks.

California and Louisiana state books and forms are available at ASC II, Room 93, or call 1-5598.

Photography Club—Joe Lange, professional nature photographer, will present "Arctic—Land of the Polar Bear" at 7:00 p.m. on Wednesday, February 26, DSC, room G78.

Health clubs—Discounts continue to be offered by Valley Racquet Club, Nautilus Fitness Centers, and Highline Athletic Club. Effective March 1, Highline will charge a \$25 administrative fee on new memberships. They will continue to waive their initiation fee and offer discounted monthly rates.

Volunteer naturalists—Roxborough State Park seeks applicants 18 years or older who have an interest in the outdoors. Volunteers must complete a 40-hour training program beginning the third week in March, choosing either Thursday or Saturday morning sessions. Naturalists must donate a minimum of 4 hours to the park each month. If interested, there will be an open house at the park at 2:00 p.m. on Sunday, March 2. Contact Susan Trumble at 797-3986 for details.

Alpine Club—The Rocky Mountain Alpine Club plans the following activities:

- 2/16—Loveland Pass, int/adv skiers, telemark with lesson. Contact Mark Brideau, ext 1-8286.
- 2/22—Rocky Mt. National Park, beginning skiers, night cross-country. Contact Bill Baker, 978-0268.
- 2/23—Ski Copper, beginning (telemark), intermediate cross-country. Contact Steve Ahman, ext 7-9672.
- 2/28—Avalanche seminar, all levels. Contact Dan Hawkins, ext 7-0727.
- 3/1—Avalanche field class, Webster Pass, beginning skiers. Contact Dan Hawkins, ext 7-0727.

Skiing—The Satellite Ski Club plans the following trips:

- 2/21—Two-day trip to Taos, New Mexico. Contact Roger Miller, ext 7-5532.
- 2/28—Two-day trip to Telluride, Colo. Contact Mike Stachnick, ext 1-8548.
- 3/7—Two-day trip to Telluride, Colo. Contact Jane Bauman, ext 7-4977.
- 3/12—Three-day trip to Jackson Hole, Wyoming. Contact Phil Penningroth, ext 7-5809.
- 3/21—Two-day trip to Steamboat Springs, Colo. Contact Mike Manov, ext 7-8126.

Karate—The Japan Karate Club of Littleton meets every Wednesday and Friday from 5:30 to 7:00 p.m. at Maxine Williamson's School of Dance, 2539 West Main St., Littleton. For further information, call Allan Foster, ext 1-5571, or Beverly Castor, ext 1-8559.



Undefeated championship team members of last fall's Friday night open volleyball league are, front row, left to right, Richard Foss, Dan Ogden, Kevin Johnson, and David Watt. Back row, left to right, are Thomas Gallambos, John Hass, and Kurt Sorenson.

Extension cord warning issued

The use of extension cords at work is a continuing source of concern for both the occupational safety and health department and the fire department.

"Improper design and inappropriate use of extension cords create a potentially serious fire and safety hazard," said Ron Halcomb, manager, occupational safety and health.

The following rules apply for the acquisition and proper use of extension cords:

- "Drug store" type extension cords are considered hazardous and may not be used.
- Authorized/approved extension cords may be obtained from the facilities department's "Help Desk" at ext 7-4357.
- All extension cord requests and installations must be approved by the occupational safety and health department.
- Never substitute extension cords for permanent wiring; they will not be approved for such use.
- Extension cords must not pose hazards such as tripping employees in aisles and walkways.
- Extension cords may not be placed through or behind walls, ceilings or floors, or through doorways or windows.

For more information regarding proper use of extension cords, call the occupational safety and health department, ext 7-4444. ■

Society plans local chapter to advance materials field

The Society for the Advancement of Material and Process Engineering (SAMPE) is forming a Colorado chapter. The society's goals are to advance the materials field by presenting a variety of programs on metallic and nonmetallic technologies.

Engineers, scientists, and technicians interested in material and process technology and in promoting a Colorado SAMPE chapter should contact Robert Greska, ext 7-6985, mail stop I0487. ■

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