

MESSAGE FROM THE CHAIR:

## NATIONAL ENGINEER'S WEEK

• By Don Moseman, Chairman

All kidding aside, how often do you stop to think about our "chosen" profession. What exactly do you do to better "our" profession and the people who work with and for you? Are you aware that National Engineer's week is "fast approaching"? Regardless of your answer to these questions, National Engineer's Week provides an opportunity for you to participate and make a difference in "our" profession. Well, that is my challenge to each of you! This National Engineer's Week please do something, even if it is only a mighty small contribution. Below, I have provided the What, When, Why, and Who:

### What is National Engineer's Week Anyway?

In simple terms, it's a gesture by which "our" country shows their appreciation for the value engineers provide to society. It's our week to "shine."

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## William L. DEAN

Mr. Dean is the past Vice-President, Pacific Region, Region IX, ASME, Fellow Member and Registered Professional Engineer. Over the past 25 years he has been the senior Vice President, Westmont Industries and later President and general manager of A&A Associates, Inc., both located in Santa Fe Springs, CA. Mr. Dean is now associated with Turnkey Engineering Company, Inc, a Santa Fe engineering company which is a design, manufacturing and contracting company to the food, beverage, canning, can manufacturing and packaging industries.

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### NEXT DINNER MEETING

#### "THE ENGINEER AS AN INDEPENDENT BUSINESS OWNER"

**William L. Dean, P.E.**  
JOINT DINNER MEETING WITH MT. DIABLO SECTION ASME

The market place for engineers is changing. Engineers are staying with the same company for shorter periods of time (reportedly less than 3 years on average) and more engineering work is being done on a contract basis. With these changes taking place the market for consulting engineers is growing. Mr. William Dean, a renown speaker and respected engineer, will present "The Engineer as an Independent Business Owner." He will also cover related topics such as "How Engineers Can Plan and Provide for Themselves a Secure Career in Industry."

<b>Date:</b> Wednesday February 15, 1995	<b>Time:</b> 6:15 PM No host Social Hour 7:00 PM Dinner 8:00 PM Program
<b>Location:</b> Pacific Fresh 555 Ellinwood Way Pleasant Hill	<b>Cost:</b> \$20 ASME Members \$10 Student Members \$22 Non-Members \$12 Student Non-members

—FOR DIRECTIONS/PARKING SEE BACK COVER—  
RSVP: Call S.F. ASME at (415) 721-4478 by Monday, February 13, 1995.  
Be sure to specify your menu entree along with your name and phone no.

### In This Issue...

- Monthly Focus: Mentoring
- College Corner
- Industry Tours
- Upcoming Events
- Employment Opportunities
- Lecture Series on Ethics

## MONTHLY FOCUS:

### MENTORING

The San Francisco Section is putting together a unique program to provide "10 lucky local engineering students" with professional mentors.

This provides an opportunity for engineering students to be exposed to the different ways an engineering education is applied in various careers. It also provides the engineering professional an opportunity to learn what type of education engineering students are currently receiving.

As a mentor, you will be a role model for the student to whom you have been matched. Through this special one-on-one relationship, you will be able to teach the student about the mechanical engineering profession by relating your experiences, both good and bad, to them.

There is no formal program. It is up to you and your assigned student to decide on how or when you should meet. We suggest that you meet one or two times per month in addition to conversing on the telephone. Additionally, you may want to bring the student to your work place or invite them out for lunch. Also, there are many ASME activities, such as tours and speaker meetings, which you may both find interesting.

Mentoring assignments will last three months at which time, new mentor / mentee pairs will be assigned.

Those students and professionals interested in participating in this unique program should contact Don Moseman at (415) 768-6011. But, please hurry as the mentor / mentee pairs have historically filled up very fast.

**Your Business Card  
could be right here!**

See back cover for advertisement  
information.

William DEAN: CONTINUED FROM FRONT PAGE

Born in Liverpool, England, Bill Dean served a recognized industry apprenticeship and received his engineering education at the Liverpool College of Technology, Liverpool Polytechnic and at Rotherham (Sheffield) University. He has enjoyed a wide and varied career which includes service as a sea-going engineer in both the British Royal Navy and Mercantile Marine. His professional work includes design and operation of municipal waterworks, and the United Kingdom Nuclear Engineering Authority in the design of Nuclear Power Plants. Since 1956 he has worked in the United States in design and project management positions with C.F. Braun and Ralph M. Parsons Co. He has worked in both the aerospace field and the general contracting industries in manufacturing design and construction of various heavy duty processing plants, paper mills, flour mills, food processing, canning packaging, etc. Over the past 25 years he has been an executive for various design, manufacturing and contracting firms.



## NATIONAL ENGINEERS WEEK

FEBRUARY 19 - 25  
1995

## UPCOMING EVENTS

### San Francisco Bay Area Engineering Council Engineer's Week Banquet

**Keynote Speaker:** Marty Brenneis "Cheap Engineer"  
Industrial Light & Magic Division  
Lucasfilm, Ltd.

**Date:** Thursday, February 23, 1995

**Location:** The Presidio Officers' Club Grand Ballroom, San Francisco

**Program:** 6:00 P.M. - No Host Cocktails in the Ballroom Foyer  
7:00 P.M. - Dinner in the Grand Ballroom

**Menu:** Choice of Prime Rib or Salmon

**Cost:** \$30

**RSVP:** RSVP by Wednesday, February 8, 1995.  
Mr. Gary Fritze at (510) 946-0455

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### Silicon Valley Engineer's Week Banquet

**Keynote Speaker:** Richard A. Clarke  
Pacific Gas & Electric Co., Chairman of the Board

**Speaking On:** The future of power generation, consumption, and distribution and their effects on our community and our planet.

**Date:** Thursday, February 23, 1995

**Location:** Santa Clara Marriot Hotel, Great America Parkway, Santa Clara

**Program:** 5:30 P.M. - Reception and No-Host Bar Exhibits & Entertainment  
6:30 P.M. - Welcome, Dinner  
8:00 P.M. - Presentations

**Menu:** Choice of London Broil, Filet of Salmon, or Vegetable Wellington

**Cost:** \$38 (Before Feb. 13)  
\$44 (After Feb. 13)

**RSVP:** RSVP by Wednesday, February 13, 1995.  
Mr. Brian Haas, (415) 604-1145.

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**When is It?**  
The entire week of February 20, 1995!

**Why Should You Care Anyway?**  
You'd better care! For your good and the good of all of us! For too long, engineers have been complacent to just "do their work", to let others play work-place politics and get ahead. National Engineer's Week is our opportunity to communicate, to lay people everywhere, what we do and the value it has in their lives. Looking around me right now, almost everything I see has been touched by an engineer. Our challenge is to better communicate the value of our work and to explain what we do in a way that is easily understandable.

**What Can I Do To Participate?**

- \* Attend the Engineer's Week Banquet (See Upcoming Events in this newsletter)
- \* Participate in Discover "E" by providing a "presentation" to your local middle or high school.
- \* Plus many others!!!

**Who Do I Contact to Participate?**

Don Moseman - (415) 768-6011 (Work), (415) 358-9017 (Home)

Closing!

Now give us a call and let us know how you'd like to participate. We look forward to hearing from you.

Sincerely,  
Don Moseman, Chair

- UPCOMING EVENTS CONTINUED ON NEXT PAGE -

## UPCOMING EVENTS, CONTINUED...

### San Francisco State Engineering Alumni Second Annual Open House

The San Francisco State Engineering Alumni Chapter invites all alumni to attend the Second Annual SFSU Alumni Open House to be held on Tuesday Evening, February 21 from 5:30 to 8:30 P.M.. Festivities will include a technical presentation on the use of the Internet, as well as a scrumptious buffet held at the SFSU Faculty Club.

Mr. George Carter, Computer Communication Consultant, will discuss and illustrate the current capabilities of the Internet. Not only will this presentation provide an educational overview of the mainstream commercial offerings, but it will also include a discussion of Internet related, leading edge products. Come prepared for a "hands on" demonstration of the use of the amazing Internet!

**WHAT:** San Francisco State Engineering Alumni Second Annual Open House  
**WHERE:** University Club (On Campus)  
**WHEN:** Tuesday Evening, February 21, 1995  
**TIME:** 5:30 P.M. to 8:30 P.M.  
**COST:** FREE for SFSU Engineering Alumni Chapter members (Memberships available @ the door); \$8.00 for guests and non-members.  
**MORE INFO:** Call the SFSU School of engineering @ (415) 338-1174.  
**RSVP:** Reservations must be made with the School of Engineering by February 15, 1995 (See MORE INFO, above).

## INDUSTRY TOURS

### The U.S.S. Abraham Lincoln

San Francisco ASME is planning a trip to the Alameda Naval Station for a tour of the U.S.S. Abraham Lincoln aircraft carrier. The Tour is on March 4 at 10:00am sharp, and lasts for approximately 45 minutes. Please contact **Phil Rockwell** at (510) 489-3900 to sign up. All drivers must register with Phil (by phone). He will be providing the Navy with a list of attendees and driver's license plates. **Those attendees not on the list will not be admitted.** 50 people maximum. From now through February 18, reservation will be accepted only for ASME members and spouses—others will be put on a waiting/cancellation list. If the reservation list is not full by February 20, those on the waiting/cancellation list will be transferred to the reservation list on a first come-first served basis. If after this, there is still space available, reservations will be open to anyone, including guests and children 8 or older until the tour is full.

**DIRECTIONS TO U.S.S. ABRAHAM LINCOLN (CVN 72) from San Leandro:**

Take I-880 North to Broadway Street Exit. Take exit to Broadway Street itself. Turn left on Broadway  
Go underneath 880 overpass and take an immediate left on 5th street  
Stay in left lane for entrance to Webster Street Tube (Sign will say "Alameda")  
Go straight on Atlantic to gate of NAS Alameda. Give name of driver to sentry  
Go through from gate (curve around circle at entrance) and turn left at 5th Street (first stop sign where street comes to an end)  
Go straight on 5th to ship and park in lot near pier  
Go to ABRAHAM LINCOLN pier sentry, state purpose of visit; he will call your point of contact to escort you aboard.

## NUMMI

A NUMMI tour is set for Monday, April 24, 1995 at 7:00pm. A maximum of 24 people. Check the March newsletter for more information and directions. Please contact **Phil Rockwell** at (510) 489-3900 if interested.

## The Distinguished Lecturer Series in the Social Implications of Technology Presents:

### "Helping the Engineer to Protect the Public"

**Stephen H. Unger,**  
Professor of Computer Science, Columbia University

**Thursday, March 16, 1995**  
**7:00pm in Sibley Auditorium, U.C. Berkeley**

*Sponsored by Interdisciplinary Studies of the College of Engineering University of California at Berkeley - Admission free of charge - The public is invited*

Please contact our Ethics Chair, Joe Wujek (see sidebar) if you have any questions.

The Bay Connection welcomes letters to the editor and editorials from our membership! Please contact Johnny Wu, newsletter editor, (see fax, phone numbers on sidebar) for submissions.

**Frank Diaz**  
B.S., Mechanical Engr., Jan 1994  
San Francisco State University  
Good ME with E.I.T., seeking entry level position  
Please call 510-654-4009

### The American Society of Mechanical Engineers, San Francisco Section

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(415) 973-4637

## College

### ATTENTION UNDEGRADUATE ASME MEMBERS

Each year, the Executive Committee for the San Francisco Section of ASME gives a number of undergraduate awards to honor the memory of Dr. Leonard Farbar. These undergraduate awards, ranging from \$100 to \$200 are intended to recognize the recipients' academic achievement, commitment to enhancing our profession and leadership skills. Applications should have been mailed out; contact your faculty sponsor or student section office if you need one. Applications are due Monday, February 20.

**U.C. Berkeley:** The student section at Berkeley has launched off its busy semester by jointly hosting a Student Professional Awareness Conference with the Berkeley section of IEEE on February 1. Currently, Engineers Week activities are being planned including our traditional Egg Drop competition. In late March, a mechanical engineering industry forum is planned along with the Crab Feed. Any companies interested in attending are welcome to call our coordinator, James Hsu at 510-849-5458 to make an arrangement.

## EMPLOYMENT OPPORTUNITIES

### Engineer, Development / Manufacturing

Sought by young, innovative drug delivery company in mid-peninsula area. Exciting career opportunity for entry-level candidate with B.S. degree, ideally, M.E. or Materials Science focus desirable; computer programming; familiarity with standard measurement tools; CAD a plus; some previous industry or related internship experience desirable. Candidate must be able to work well with limited supervision, utilize creative problem-solving skills and have excellent mechanical aptitude. Position will eventually involve detailed design and fabrication of test fixtures and developing test protocols.

Please reply to: Development Engineer, c/o Clancy Associates  
100 Bush Street, 24th Floor  
San Francisco, CA 94104  
or fax to (415) 274-4001

## DIRECTIONS TO PACIFIC FRESH

(FEBRUARY DINNER MEETING)

555 Ellinwood Way  
Pleasant Hill

Take 680 to Willow Pass Rd. Exit, turn west onto Willow Pass, and proceed to Contra Costa Blvd. Make a left at Contra Costa Blvd and another left at Ellinwood. Take Ellinwood all the way to the end, make a left and your first right is the parking lot for Pacific Fresh.

**ADVERTISERS:** Do you want to reach out to over 1700 engineers in the Bay Area? Advertising in this newsletter is an excellent way to do this! Display ads cost \$50 per quarter page. A business card size costs \$25. Please call 510-664-0102 for more information.