



AICHE Orange County

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August 2004

Los Angeles and Orange County Joint Meeting AUGUST DINNER MEETING

The Port of Los Angeles and Protecting the Environment

Dr. Ralph Appy and Eric Caris

Tuesday, August 24, 2004

5:30 PM

Dr. Ralph Appy and Eric Caris will be the featured speakers at our August 24 meeting. They are going to give us an inside look at how the Port of Los Angeles is working hard to protect the environment, even as the port continues to grow. Dr. Appy will cover the status of the harbor environment and some of the Port's environmental programs and Eric Caris will describe the new electrical-connection program, called Alternative Maritime Power, for providing electrical power to ships when they are at berth in port.

Major environmental programs at the port include:

- reducing air emissions from Port operations
- controlling storm-water runoff into the harbor
- protecting wildlife resources
- cleaning up soil and groundwater contamination

The new electrical-connection program allows ships docked in the port to shut off their auxiliary engines, which generate electricity needed while at berth. This has the benefit of eliminating the air pollution associated with running high-emission ship engines while they are at berth.

Dr. Appy is presently the Assistant Director of Environmental Management at the Port of Los Angeles. He is the environmental manager of the Port's expansion programs and liaison with the community, and resource and permitting agencies on issues related to air quality, water quality, dredge material disposal, soil and groundwater restoration, biological mitigation and endangered species issues. He has served as environmental project manager of the Batiquitos Lagoon Enhancement Project, the Deep Draft Navigation Project (Pier 400 Project), the Channel Deepening Project, and the Bolsa Chica Mitigation Agreement.

Dr. Appy received Bachelor's and Master's degrees in Marine Biology for California State University at Long Beach and a Ph.D. in Zoology from the University of New Brunswick in Canada and was a Postdoctoral Fellow and Research Associate at the University of Guelph in Ontario, Canada. He has taught at the college level, and worked as an environmental consultant. He is on the Board of Directors for the Southern California Academy of Sciences and served as President from 2002 through 2003, serves on the Environment Committed of the American Association of Port Authorities and is Board Secretary to Harbor Association of Industry and Commerce.

As Assistant Director of Marketing for the Port of Los Angeles, Eric Caris is responsible for assisting in the direction of a marketing, sales and promotional program designed to attract and retain shipping business to the Port. This involves liaison with key customers of the Port on a National and International level. Caris joined the Port in 2002 after 15 years with Canada Maritime Agencies, Ltd (part of CP Ships). In his most recent position as Regional Director, California, he was responsible for the organization and management of the California Sales & Service offices and for the



development of that company's newly introduced ocean transportation services. His experience in the steamship industry dates back to 1982 when he was a Commercial Delegate for Compagnie Maritime Belge (CMB) in Antwerp, Belgium. He was a past board member of the Steamship Association of Southern California and currently serves on the board of the Los Angeles / Long Beach Propeller Club and the Orange County Transportation Club. Caris is a graduate of Stedelijk Instituut voor Economisch Hoger Onderwijs, Antwerp, Belgium.

Meeting Schedule:

5:30 p.m.	Social Hour
6:30 p.m.	Dinner
7:20 p.m.	Break
7:30 p.m.	After-Dinner Program

Place: Khoury's Restaurant, Long Beach

Directions: 110 Marina Dr., Long Beach, CA 90803. Visit <http://www.khourys.net/> for directions

Reservations: *Please make a reservation at (949) 261-2622 by voice by Friday, August 20, 2004. Or, you may email your reservation to west@research.ge.com.*

Cost: Members, \$20 with a reservation, \$25 at the door; Non-Members, \$25 with reservation, \$30 at the door; **Students Free with reservation**, Unemployed/Retired, \$5 with reservation, and \$10 at the door.



Starting with the month of January 2004, every third meeting a member attends is FREE with reservation

**Society of Women Engineers
(SWE) Orange County Section -
Upcoming Events**

1) 2005 National Conference Planning Committee Meeting -- August 21, 10:00 am, Location: TBA

SWE-OC and SWE-LA are the local host sections for the 2005 National Conference. As an open-ended committee, there is still plenty of room for anyone who would like to participate, even if you can't make it to all the meetings. The committee has agreed to meet monthly for the next few months. If you are interested in being a part of this committee, please join us. Contact Kim at kim.orourke@cox.net or call her at 714.762.9407 for more information

2) Kayaking -- Saturday, September 11, Time TBA, Location: TBA (most likely Irvine/Newport Beach area), Cost: \$15-20 for kayak rental

You are cordially invited to the SWE-OC kayaking social. Students, members, and non-members and their friends/spouses/significant others are invited to attend this fun event! No experience with kayaking is necessary. We can have a BBQ/picnic afterwards if anyone is interested. Contact Jennifer Wong at jenwong@water.ca.gov by September 8 if you are interested in attending

3) 2004 National Conference is fast approaching. The festivities run from October 14 - 16, 2004 in Milwaukee, WI. Visit www.swe.org for details and the registration form. If you can't make it but are interested in some of the topics, I will be going on behalf of the section and would like suggestions about what tracts to attend. Check out the website and send your suggestions to me at VJGaston@earthlink.net by Aug. 31.



Energy Conservation

The California Independent System Operator (Cal ISO), operator of the State's electrical supply, has issued a warning that due to high temperatures and demand, there is a possibility of power usage exceeding supply. The notice is in effect through Wednesday, August 11. Please note that no mandatory power reductions or rolling blackouts are in effect at this time.

There are several contributions you can make while at work and home to help conserve energy, including those detailed below.

While at work:

- Limit your office lighting. Override your motion sensors to manual modes.
- Utilize task lighting wherever possible. Turn off your task lighting when you leave.
- Turn off your computer.
- Turn off accessories, such as printers, copiers, calculators and similar items.

While at home:

- Avoid using appliances during peak hours of late afternoon and evening, 4 - 6 p.m. being most critical
- Set your thermostat at 78-80 degrees when home, 85 degrees or off when away
- Switch off the lights when you leave a room.

For more information and tips, please visit the Cal ISO website at: <http://www.caiso.com/>

Newsletter Contributors Wanted

The newsletter editor would like to hear from you if you have one or more brief articles to contribute, especially a review or brief discussion of a good website, technical book, etc.

Professional Engineering Employment Update

Job Seeking Members can receive a list of web sites of area companies that sometimes hire ChEs. Contact the Senior Member Everett Knell at EWKnell@aol.com to receive this list by e-mail. Put "OCAICHE Company List" in the subject line of your email request.

Job Opportunities

International Search and Rescue is currently recruiting Chemical Engineers for a major multi-national petroleum producer, with chemical engineering vacancies in both California and, for those considering relocating, Louisiana.

These positions will report to the Manager of Engineering Support. It would be helpful for candidates to have worked at multiple locations and have experience as a mentor or team lead. In addition, candidates should have the desire and ability to be a manager in the future.

The successful candidate's primary responsibilities will be to:

1. Provide day-to-day technical support to Operations for the assigned refinery process units with the broader objective of helping the refinery achieve plant-wide goals for safety and PSM, environmental, utilization, expenses and clean product yield.
2. Provide longer term technical support for the same refinery process units relative to corrosion issues, equipment and process reliability, key process parameter trends, catalyst activity management, turnaround planning, process improvement opportunities, and small project initiation.

You should be able to manage multiple tasks and a diverse work load that requires both individual and team contributions (i.e. Base work load, TechNet participation, mentoring others and task forces).

You should also be able to demonstrate that you have strong problem-solving skills.

To be considered for this post you should, in addition, have a degree in Chemical Engineering, and 10 years' experience of working in a refinery or similar environment, preferably with some team-leading experience.

Please send your CV/resume to <mailto:melanie.denyer@internationalsearchandrescue.com>

- ① If you have an employment opportunity in Southern California for a chemical engineer, the newsletter will advertise it for free.



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