



# AICHE Orange County

NEWSLETTER OF THE ORANGE COUNTY SECTION, AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

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<http://www.aiche-orangecounty.org>

February 2005

## Orange County Meeting FEBRUARY DINNER MEETING

### PLANNING FOR A NEW LNG TERMINAL IN LONG BEACH ECONOMICS, POLITICS SAFETY AND TERRORISM

Seiichi Tsurumi  
Gerardo E. Rivera

**Tuesday, February 22, 2005**  
**5:30 PM**

You may have heard or read about the new, liquefied natural gas (LNG) plant being planned for the Port of Long Beach by Sound Energy Solutions and Conoco Phillips. We are very fortunate to have Seiichi Tsurumi from Sound Energy Solutions and Gerardo E. Rivera from Conoco Phillips as the speakers for our February meeting. Our speakers will take us through the design of the proposed plant, present a timeline for obtaining all the necessary permits and discuss operational safety.

As you know, although we need the natural gas that this plant would provide, there are many serious safety issues, including the threat of terrorism that must be carefully reviewed before all of the permits can be granted. You are strongly encouraged to attend this meeting to hear first hand how Sound Energy Solutions, which is a wholly owned subsidiary of Mitsubishi Corporation,

and Conoco Phillips are addressing these issues. In addition to discussing their own proposed plant, our speakers have promised to compare the merits of their plant to the off-shore LNG terminals being proposed by their competitors.

To demonstrate the high standards to which their LNG terminals are constructed, a ten-minute video will be presented, showing the impact that the Kobe earthquake had on one of the LNG terminals operated by Mitsubishi in Japan. To learn more about the LNG terminal being planned for the Port of Long Beach, go to the Sound Energy Solutions web page at <http://www.soundenergysolutions.com/>

#### 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: Wyndham Garden Hotel, Costa Mesa

**Directions:** From Interstate 405, go north on Bristol Ave., right on Anton, left on Avenue of the Arts. The Wyndham is on the right at 3350 Avenue of the Arts, Costa Mesa.

**Reservations: Please make a reservation at (949) 261-2622 by voice by Friday, February 18, 2005. Or, you may email your reservation to [west@research.ge.com](mailto: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, \$5 at the door, Unemployed/Retired, \$5 with reservation, and \$10 at the door.

**Starting with the month of January 2005, every third meeting a member attends is FREE with reservation**



**\*\* ENGINEERING WEEK \*\***  
**February 20-26**  
Visit [www.eweek.org](http://www.eweek.org) for more info

**Presidential Message for National Engineers Week**  
**February 20-26, 2005**

(From [www.eweek.org](http://www.eweek.org))



THE WHITE HOUSE  
WASHINGTON

I send greetings to those observing Engineers Week 2005.

Engineering advances our understanding of the world around us and spurs progress in important areas including technology, communications, defense, manufacturing, energy, and the environment. It also contributes to our most vital national priorities: securing our homeland, winning the war on terror, and supporting economic growth and job creation.

Engineers Week provides an opportunity to recognize the many accomplishments of America's engineers and the positive impact they have on our quality of life. In addition, this week encourages the study of math and science, inspires young people to pursue a future in engineering, and promotes the pursuit of excellence.

I applaud America's engineers for your hard work and ingenuity. Your efforts set an example for others and help advance America's legacy of innovation and technological achievement.

Laura joins me in sending our best wishes.

A handwritten signature in black ink, appearing to read "George W. Bush".

### “KEEPUS” Committee Status (Newsletter FY05-03)

**Bob Katin**

The Sunrise Hearing before the Joint Committee on Boards Commissions and Consumer Protection (JCBCCP) was conducted on 6 JAN 2005. Sunrise hearings normally require reams of paper. Fortunately, JCBCCP used the ISR report and nothing was required for us to submit. So, the good news is the Sunrise Hearing to recognize ChEs as 1<sup>st</sup> Class Engineers is over. Four city fire marshals or fire chiefs testified for Fire Protection Engineers (FPE). Traffic engineers (TE) had two cities testify on behalf of TEs, in addition to a former member of the Engineering Board. We had no representatives of companies or regulatory agencies that use ChEs. CELSOC testified that public safety will not be enhanced by recognizing ChEs. Furthermore, if a CE needs the expertise of a ChE, they will subcontract out the work. (In other words, leave the Engineers' Act as is. All work needs to be contracted through a CE. The CE will either do the task; learn how to do the task on industry's invoice; or hire a ChE, add mark-up, and bill industry accordingly without adding value). PEEG testified that they had the same position as CELSOC. There is no public safety issue at risk to warrant recognizing ChEs. There is no activity that ChEs does that can cause a risk to the environment or public. However, they will let TEs be recognized. Bottom line, we are in trouble. A spot bill is expected by the end of FEB 2005. If we are lucky, the bill will say make ChEs 1<sup>st</sup> class engineers. If our discipline is not listed in the bill, we have a major problem.

Therefore, I want to make a preemptive strike. We need to ensure that the bill lists ChEs in the engineering disciplines to be upgraded. To do so, I need:

1. Letters on letterhead from major industrial companies, regulatory agencies, and associations. The letter should be addressed to Senator Liz Figueroa (cc Bob Katin). The letter needs to say maintain ChE as a recognized discipline. We use them for a, b, c, ... in order to protect public safety. The letters need to be submitted in January 2005. Contact me for a sample letter.
2. I need letters of support from organizations such as Sierra Club, Chamber of Commerce, WSPA, etc in January 2005 to maintain ChEs to protect public safety.
3. I need letters that say that regulators either require or prefer ChEs due to specific regulations or due to CCPS or other specific ChE books that become industry guidelines.
4. If we have a successful letter writing campaign in January 2005, in April 2005 when the spot bill is developed and there are details in the bill, I will need simple half page letters where all that is occurring is someone counts the number of letter in favor versus opposed to the bill. These letters can be from individuals and small companies and have weight.
5. In APR 05, I will need people from major companies willing to testify to say that their company wants the legal right to hire any consultant that they choose, rather than being told they have to hire a civil engineering firm. I currently have none.
6. If you know other ChEs, please let me know their name and e-mail address so I may count them as constituents. Another argument by PEEG was there just aren't many ChEs in CA.
7. Please see the attached list of names of people (<http://aiche-norcal.org/advocacy.php>) that have either written or committed to write a personal letter or on company letterhead. If you thought I knew you supported the effort, but never sent an e-mail to me saying you would write a letter on personal or company letterhead, please be more explicit and send me an e-mail.

**IN REPLY PLEASE ADDRESS:**

Robert A. Katin, P.E. Consultant  
P. O. Box 4727 Antioch, California 94509  
e-mail [rakatin@pacbell.net](mailto:rakatin@pacbell.net)  
phone (925) 755-1150  
fax (925) 754-8524



## STUDENT CORNER

Please contact the newsletter editor if you would like to publish any AIChE student chapter meeting summary or contribute any articles related to science/engineering.

## 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](mailto:EWKnell@aol.com) to receive this list by e-mail. *Put "OCAICHE Company List" in the subject line of your email request.*

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

## 2005 Orange County AIChE Officers

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<b>Secretary</b>	<b>Parag P.Kulkarni</b> – GE Global Research (949) 859-8851 x146, Fax [949] 859-3194 e-mail: <a href="mailto:kulkarpa@research.ge.com">kulkarpa@research.ge.com</a>
<b>Newsletter Editor</b>	<b>Kris Ip</b> – Edwards Lifesciences phone (949) 250-3807 e-mail: <a href="mailto:Kris_Ip@edwards.com">Kris_Ip@edwards.com</a>
<b>Senior Member</b>	<b>Everett Knell</b> – AFLAC (562) 596-0215, Fax [562] 596-0215 e-mail: <a href="mailto:ewknell@aol.com">ewknell@aol.com</a>
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<b>Webmaster</b>	<b>Cheryl Zheng</b> – GE Energy and Environmental Research (949) 859-8851, Fax [949] 859-3194 e-mail: <a href="mailto:cheryl.zheng@ps.ge.com">cheryl.zheng@ps.ge.com</a>



**Got Environmental Headaches?**

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- *Suing?*
- *Being Sued?*

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15375 Barranca Parkway • Suite F-106 • Irvine, California 92618-2207  
info@englandgeosystem.com • www.englandgeosystem.com  
(949) 453-8085 • FAX (949) 453-0733

**American Institute of Chemical Engineers**  
ORANGE COUNTY SECTION  
P.O. Box 19362  
Irvine, CA 92623

**DATED MATERIAL**

**ADDRESS SERVICE REQUESTED**

