

# FOG DISPENSER

Golden Gate Chapter



ASHRAE

VOLUME XLII - NUMBER 3

DECEMBER 2003

## December Meeting Notice

Date: Thursday, December 4<sup>th</sup>  
Place: San Mateo Marriott  
1770 South Amphlett Blvd.  
San Mateo, CA 94402

### Schedule:

5:30-6:30 Social Hour  
6:30-7:45 Dinner with Announcements and  
Introductions  
8:00-9:00 Speaker

Cost: \$35 for members and guests

**Reserve by Monday, December 1<sup>st</sup> at noon**  
Students – No charge, but please reserve a spot  
Voucher – No additional charge, but please reserve  
a spot. \$42 for non-members, late reservations and  
at the door

**Don't forget about "PAYPAL"** You may pay in  
advance with your credit card for Chapter meetings  
through paypal. Send your payment to  
[paypal@ggashrae.org](mailto:paypal@ggashrae.org). But please remember that you still  
have to register your reservation as noted below:

Please reserve on-line by visiting [www.ggashrae.org](http://www.ggashrae.org) and  
clicking on "Meetings", and click on "Dec 4", fill out the  
form and send.

Or use the fax form in the Fog Dispenser.

**Remember** - If you make a reservation and cannot attend,  
you need to cancel in advance, or you will be billed.

## December Program

"Buying or Selling, How to Make  
Commissioning Work for You"  
Joint Meeting with the  
San Jose Chapter

Ronald J. Wilkinson, PE, ASHRAE Distinguished  
lecturer, will be presenting two dinner meetings and one  
daylong seminar for San Francisco area ASHRAE  
Chapters.



The topic of the  
presentation will be "Buying  
or Selling, How to Make  
Commissioning Work for  
You." Commissioning is  
total quality assurance  
applied to the modern  
building construction  
project. The dinner talk will  
review the eight stages of  
integrated commissioning as  
described in ASHRAE  
Guideline 1-1996, from  
project planning and design

through construction and the first year of occupancy, and  
how these quality assurance services are provided within  
the commissioning process. Mr. Wilkinson will give  
examples of how commissioning services are specified  
and purchased by private and public sector organizations  
and what the owner should expect in a commissioning  
service provider. Continued on Page 4

## Golden Gate Chapter President's Message, December 2003

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### EDUCATION – WHAT HAVE YOU LEARNED RECENTLY?

When was the last time that you took advantage of the many opportunities to improve your knowledge of HVAC? Have you attended any courses lately? Are you too busy? Remember what Abraham Lincoln said when asked, “what would you do if you have only two hours to chop a cord of wood?” Lincoln’s response was that he would spend the first hour “sharpening his ax”. Of course, this is a metaphor for sharpening your skills. To stay at the top of your game don’t you frequently need to sharpen your skills?

Are you concerned about attending a course taught by a competing consulting engineer or contractor? Would a surgeon be concerned about learning a new technique from another surgeon? NO – if he or she doesn’t learn a new technique, then he or she will only know the old method. If you need an operation, wouldn’t you want to have a surgeon working on you that was trained on the best methods? Doesn’t a building owner or architect also want someone designing or building their facility to be trained on the newest and best methods?

Here is a brief list of upcoming educational opportunities and their respective links:

- Golden Gate ASHRAE Seminar on Commissioning on December 5<sup>th</sup>  
<http://www.ggashrae.org/meetings/2003-2004/seminar.htm>
- PG&E Pacific Energy Center HVAC Programs – All no-charge  
[http://www.pge.com/003\\_save\\_energy/003c\\_edu\\_train/pec/programs/current/hvac.shtml](http://www.pge.com/003_save_energy/003c_edu_train/pec/programs/current/hvac.shtml)
- ASHRAE Winter Meeting Professional Development Seminars and Short Courses  
<http://www.ashrae.org/template/EducationLinkLanding/category/1496>
- ASHRAE Winter Meeting Technical Program  
[http://www.ashrae.org/content/ASHRAE/ASHRAE/ArticleAltFormat/20031111112342\\_347.pdf](http://www.ashrae.org/content/ASHRAE/ASHRAE/ArticleAltFormat/20031111112342_347.pdf)
- UC Berkeley Extension HVAC Certificate Program  
<http://www.unex.berkeley.edu/cert/hvac.html>

Do you think that your skills are absolutely at the forefront, and don’t need any additional education? Then why not assist the rest of us and volunteer to teach a class or seminar. By sharing your expertise, you will become more highly regarded as one of the pioneers and experts of our industry.

A good start to learning something new would be to attend our next meeting on December 4<sup>th</sup> in San Mateo. Come hear an ASHRAE Distinguished Lecturer discuss Commissioning. Hope to see you there.

Best wishes for a happy and safe holiday season.

Respectfully submitted,  
Robert F. Levi, P.E., Chapter President

### IN MEMORIAM

**Victor Bach** – Life Member; Died October 31<sup>st</sup>; 71 years old; Partner in Western Plumbing and Heating, Inc. of San Francisco; Past President of MCAA (Mechanical Contractors Association of America)

View his obituary at:

<http://www.sfgate.com/cgi-in/article.cgi?file=/chronicle/archive/2003/11/05/MNBACHVICT21.DTL>

**Richard Blickensderfer** – Member; Died July 28<sup>th</sup>, 54 years old.

View his obituary at:

<http://www.sfgate.com/cgi-bin/article.cgi?file=/chronicle/archive/2003/09/07/MNBlickens20.DTL>



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**CONTACT: DAVID DECKER, ext. 230**

**845 92<sup>ND</sup> AVE                      PHN: (510) 639-3200  
OAKLAND, CA 94603              FAX: (510) 639-3337**

**2003 – 2004 Golden Gate ASHRAE Events**

<b>DATE</b>	<b>LOCATION</b>	<b>PROGRAM</b>	<b>SPEAKER</b>
Jan. 8 LUNCH	Carnelian Room	Title 24 year 2005 version, What's coming	Mark Hydeman Taylor Engineering
Feb. 5	Scott's Seafood (Jack London Square)	Barriers to Sustainable (Or Green) Design	Kevin Hydes, PE Keen Engineering
Mar. 4	Embassy Suites, San Rafael (Joint w/ R.E.)	Hybrid Central Chilled Water Plant Design and Operating Analysis	Ken Mozek, York International
Apr. 1	Pacific Energy Center	Science Fair and Scholarship Winners	Students
May	Field Trip	TBA	TBA
June 3	Scott's Seafood (Jack London Square)	Spouse Night with Comic Relief	James "Jim" Giovanni

## December Program, continued...

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The new Building Commissioning Association (BCA) certification program will also be described along with how this landmark certification was developed and how it can help both purchasers and providers make the most of commissioning. Time will be provided for questions at the end of the presentation and all participants will be provided with an extensive list of references for further training and information about new and existing building commissioning.

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Ronald J. Wilkinson is Vice President of Operations for Dometech Commissioning Services of Edison, New Jersey. He earned his BSMAE from the Illinois Institute of Technology in Chicago in 1971 and his MPA from The Evergreen State College in Olympia, Washington in 1985. He is a licensed mechanical engineer in the states of Washington and Montana, with 30 years of engineering experience in commercial, industrial and institutional facilities design.

Mr. Wilkinson was Secretary, Treasurer and Vice Chair of the Seattle Chapter of the American Society of Mechanical Engineers from 1978-1982 and has been a member of ASHRAE since 1982. He is currently a member of the Building Commissioning Association and the BCA Commissioning Certification Test committee. He is a recipient of the Environmental Protection Agency's Environmental Excellence Award, the Montana Governor's Award for Excellence and is an ASHRAE Research Investor. He is Co-Chair of the Commissioning Guidelines Committee for the National Association of State Facilities Administrators (NASFA), a member of the HPAC Magazine Editorial Board and a member of the USGBC training faculty for LEED commissioning programs.

Mr. Wilkinson has written for most major publications in the field of facilities design and energy conservation, including the ASHRAE Journal, and is the author of the "Best Practices in Commissioning" handbook published by the Northwest Energy Efficiency Alliance and co-author of the NASFA "Building Commissioning Recommended Guidelines." He has been an invited speaker at the National Conferences on Building Commissioning since 1998.

## Student Activities Committee – The Student Zone

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By Gary Harbison, Student Activities Chair

Each year we award grants to encourage student involvement in our industry. Our first grants support students' travel to the ASHRAE winter meeting in Anaheim, CA, January 24 to 28, 2004. The application for this grant can be downloaded from the Golden Gate Chapter website. Go to [www.ggashrae.org](http://www.ggashrae.org), click on Scholarship and Awards, then click on Travel Grants, and download the form.

The National Student Activities Committee has scheduled a Student Program on Sunday, January 25, 2004; which includes a Student Breakfast, Students Presentations, Career Profiles, and Technical Tour. The Technical Tour has been designed especially for students. Tour is of the Ford Premier Automotive Group Headquarters which houses office facilities, design studios, conference areas and showrooms for the Ford premier brands that include Volvo, Aston-Martin, Jaguar, Range Rover, and Lincoln-Mercury. This was the first LEED-tm certified building in California and includes many innovative design features, such as raised-floor air distribution, fuel cell and a green roof. The tour will include bus transportation and a box lunch. Please plan to pre-register if you apply for a grant to make sure you can take in this special day.

**Register on-line at [www.ashrae.org](http://www.ashrae.org). Registration is free for students. The modest charge for the student-day activity will be reimbursed by Golden Gate Chapter**

ASHRAE Distinguished Lecturer Programs  
Presented by GGASHRAE in San Francisco at the PG&E Energy Center  
December 5, 2003

Ronald J. Wilkinson, PE, ASHRAE Distinguished lecturer, will be presenting this day-long seminar on the multiple uses and needs of Commissioning.

THIS open seminar sponsored by GGASHRAE for all Chapters--Friday, December 5th, 9:00am to 4:00pm at the Pacific Gas and Electric Energy Center, San Francisco. Cost of the Seminar is \$225 with early registration prior of November 26<sup>th</sup> and \$250 for later reservations. You must make your registration on line at the website and can pay using your chargecard with "PAYPAL" or mail your check to GGG AASHRAE Seminar to the attention of the:

Glenn Friedman, Treasurer  
C/O Taylor Engineering  
1305 Marina Village Parkway, Suite 101  
Alameda, CA 94501  
Make check payable to *Golden Gate ASHRAE Seminar*.

The seminar will provide a detailed description of the commissioning process from planning through occupancy and the benefits to the owner, contractor and design team. It will review Mr. Wilkinson's research into commissioning costs as published in the ASHRAE Journal and will include methods of purchasing commissioning services and selecting and qualifying commissioning service providers.

The seminar will utilize a focus on commissioning sustainable architecture buildings for the US Green Building Council's Leadership in Energy and Environmental Design (LEED) program and will also focus on applying the commissioning procedure to interoperable control systems. Commissioning is a pre-requisite for qualifying a building for LEED certification, and the LEED certification has been shown to be a powerful draw for the ever-expanding population of socially responsible investors. LEED certification and commissioning join together to provide a healthy building with a productive interior environment as well as testimony that the owner has constructed the building to have minimal impact on the exterior environment.

Interoperable control systems are seeing increasing use as tools to limit the re-training required by diverse control system protocols, to streamline the remote monitoring process and to allow the competitive procurement of new building controls for projects with existing proprietary control systems. The program will review some special requirements for commissioning interoperable and web-enabled control systems and show how these modern developments can improve the commissioning process and lay the foundation for sustainable high building performance.

Course information includes an annotated text for all participants. The text includes references for commissioning benefits to help sell services and introduce commissioning into existing construction programs. It also includes web-sites for free and low-cost information for further learning, and the forms, procedures and training required to be a commissioning service provider.

## Technical, Energy and Government Affairs (TEGA) Committee

By Scott Wayland, ASHRAE Golden Gate Chapter TEGA Chair

If you have not read any of last years' TEGA columns, **please take a look in the archived issues of the Fog Dispenser at [www.ggashrae.org](http://www.ggashrae.org)**. It's important that every member knows what TEGA is all about! TEGA's role with society and the members includes many areas of responsibility. ASHRAE functions with a grass roots base, and TEGA is glue that binds everything together. One of the roles is for TEGA to create, enhance and maintain the two-way communication between members and society technical activities. TEGA assists with member interaction with the community as well as with local and state affairs (without getting involved with "the political process"). TEGA also helps with local and regional recognition of ASHRAE's authoritative position.

TEGA needs your help!!! Please contact me if you would like to participate / join the TEGA Committee at [sewayland@comcast.net](mailto:sewayland@comcast.net)

### Technology Awards

The TEGA Committee would like to encourage all members to start thinking about Technology Awards for this year. **Entries will be due in late February 2004**. For more information including an application, go to:

<http://www.ashrae.org/template/AssetDetail/assetid/25447>

The 2004 Technology Award winners (Society competition) are listed below. Judging for these awards took place October 24-26 in Orlando, Florida. Ron Thompson chaired the Judging Panel.

The First Place winner will be honored at the 2004 Winter meeting in Anaheim. A Poster Display of the first place winner will be available for viewing on Tuesday, January 27, 2004, from 9:00-11:00 a.m. at the Poster Session. Both winners will be featured in the ASHRAE Journal in the March 2004 issue.

#### First Place:

**David C. Inghram**

KJWW Engineering Consultant  
2882 106<sup>th</sup> St., Suite 100  
Des Moines, IA 50322

Category II - Institutional Buildings - New  
Des Moines Area Community College-West  
Campus  
Des Moines, Iowa

Region VI  
Robert Linder RVC

#### Honorable Mention:

**Jeffrey Blaevoet**

Guttman & Blaevoet Consulting Engineers  
2351 Powell Street  
San Francisco, CA 94133

Category I - Commercial Buildings - Existing  
Hamilton Landing Hanger 3, 4, 5, & 6  
Novato, California

Region X  
Saul Villanueva

### Code Committee

We are now at the start of the next cycle for the UMC and there is a lot of work to be done. The Golden Gate Chapter, the TEGA and the Code Committee invite you to help us make a difference again! Comments on the 2003 UMC and UPC are requested by IAPMO starting this month and ending February 1<sup>st</sup>, 2004. The Code Committee will be submitting comments and would like your input.

**Contact Matt Chikhale at [mmcal@msn.com](mailto:mmcal@msn.com) if you would like to get involved with the Code Committee or if you simply have an issue with a part of the codes that you would like us to review.**

Our professional community has the opportunity to shape the codes we work with. Help us make a difference.

## Spring 2004, Course Offerings at UC Berkeley Extension

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Golden Gate Chapter will co-sponsor the HVAC/R Certificate Program offered next semester. All three of the core courses for the for UC Berkeley Extension/Golden Gate Chapter co-sponsored HVAC/R certificate program will be offered in Spring of 2004. Registration opens on December 1<sup>st</sup>. You can register on-line at <http://www.unex.berkeley.edu/>. The certificate program is described on the UC Berkeley Extension service website at <http://www.unex.berkeley.edu/cert/hvac.html>.

The courses offered this Spring include:

- 1) X470 (EDP 303453) HVAC Design: Equipment and Distribution Systems with Steve Taylor, PE and Allan Daly, PE of Taylor Engineering. This course covers a range of topics including design of air and hydronic distribution systems, selection of central equipment (including fans, pumps, boilers, chillers and terminal units), zoning, ventilation, HVAC system selection and a host of other design issues. The course manual was written by Steve Taylor. It runs from February 2<sup>nd</sup> through April 26<sup>th</sup>, 2004 (12 weeks, 7pm-9:30pm) and will be held at the PG&E Pacific Energy Center at 851 Howard Street in San Francisco.
- 2) X472 (EDP 313080) Design Considerations in Air Conditioning and Heating Systems with Bob Braun, PE. The course covers a range of big picture topics on the design of HVAC systems including system selection and design coordination. This course runs from January 14<sup>th</sup> to March 17<sup>th</sup>, 2004 (10 weeks, 7pm-10pm). It will be held at the UC Berkeley Extension Service downtown location at 425 Market Street in San Francisco.
- 3) X473 (EDP 313551) Temperature Controls for Heating and Air Conditioning Systems with Mark Hydeman, PE and Steve Taylor, PE of Taylor Engineering. This course covers the design of control systems soups to nuts including topics on pneumatic controls, sensors, development of point lists, energy efficient sequences, open control protocols, upgrading existing control systems, control system performance verification and others. The course manual will be the ASHRAE Self-Directed Learning Course on HVAC controls with supplemental notes on DDC system design and performance verification. This course runs from March 31<sup>st</sup> through June 16<sup>th</sup>, 2004 (12 weeks, 7pm-9:30pm). It will be held at the PG&E Pacific Energy Center at 851 Howard Street in San Francisco.

All courses are \$425 per person. For information on the X470 or X473 courses contact Steve Taylor at [taylor@taylor-engineering.com](mailto:taylor@taylor-engineering.com), Allan Daly at [adaly@taylor-engineering.com](mailto:adaly@taylor-engineering.com) or Mark Hydeman at [mhydeman@taylor-engineering.com](mailto:mhydeman@taylor-engineering.com) (or by phone at 510-749-9135). For information on X472 contact Bob Braun at [robertb12@juno.com](mailto:robertb12@juno.com).

## MEMBERSHIP - **GET \$20 FROM ASHRAE!**

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By Lucky Lofton, Membership Promotion Chair

Have you been an Associate Member of ASHRAE for many years? If so, you may be eligible for advancement to Member grade. The requirements for Member grade are that you must have the equivalent of 12 Society-approved years of experience composed of an approved combination of: completed education beyond high school; work experience; and professional engineering or related registration or license issued by a legally authorized body. Please visit <http://www.ashrae.org/template/AssetDetail/assetid/25750> for a detailed list of qualifications. You may submit your application for advancement through an interactive on-line form. Click on <http://ashrae.confex.com/ashrae/advance/login.epl>, enter your member number and PIN (both are on the ASHRAE card sent with your dues renewal), fill out the details, and submit the form. Society's Admissions and Advancement Committee reviews the applications. Applicants approved for advancement to Member grade will receive a \$20 incentive coupon that can be used for the purchase of ASHRAE logo merchandise, annual dues, or publications. Should you have any questions, please don't hesitate to contact me at [llofton@accoes.com](mailto:llofton@accoes.com), or 925.681.2226.

## From the Chapter Historian: Karl Guttman

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ASHRAE: Golden Gate Chapter Biographies

Authored By Carl H. Jordan, Life Member/Fellow and GGASHRAE Historian

Karl is the third among four generations of engineers in his family. His grandfather first a watchmaker, invented and patented an odorless toilet in Vienna. Then he became a manufacturer of plumbing fixtures. Karl's father was a civil engineer in Vienna. Both Karl and his son Steve are mechanical engineers in San Francisco. Karl earned his engineering degree in 1938 at the Vienna State College of Engineering. That year he relocated to Great Britain, where he was later interred by the British government and deported to Australia. In 1942, he was given 3 choices: remain in a camp for the duration of the war, return to England or join the Australian army. He chose the later. After a brief army career, he worked in a variety of engineering positions there until relocating to the United States in 1949, and arriving in California.

For the next several years he worked for San Francisco engineers, including the U. S. Army. During this time the army felt that Karl had displayed too much sympathy for the black people. Consequently, the army initiated a deportation hearing on him, which he survived. In 1950, he started Kasin, Guttman and Associates, which later became Guttman and MacRitchie and later still became the current Guttman and Blaevoet. Early in this career, while working for the San Francisco firm of Zulfikar Cumali, Karl developed a computer program for the selection of reheat coils. Karl's engineering practice avoided government and military work; and he wouldn't do university work if a loyalty oath were required. So he focused on hospital work in the bay area. Karl was President of the Engineering Societies Committee for Manpower Training "ESCMT" a group that placed hundreds of disadvantaged people to work in bay area engineering offices from 1967 to 1992. Karl is a registered engineer in several states and was President of the Golden Gate Chapter of ASHRAE in 1960/61. He was elected Fellow in 1981 and became a 50 year Distinguished Member in 2000.

Karl has belonged to the following organizations:

1. The Building Safety Board of the States Office of Statewide Hospital Planning and Development ( OSHPD ).
2. Consulting Engineers Association of California
3. American Association of Energy Engineers
4. Earthquake Engineering Research Institute
5. Association of Hospital Engineers.

He published the "Proposed Method of Indoor Air Pollution Control by Dilution" in 1987. Karl has had a distinguished engineering career and has effected numerous significant designs. The Golden Gate Chapter thanks you Karl Guttman for your contributions to ASHRAE and our industry. (Information from interview of Karl Guttman by the author, in addition to his official ASHRAE biography on file.

### Minutes of November 6, 2003 Chapter Meeting

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Location – PG&E Pacific Energy Center, San Francisco

- Meeting called to order by Bob Levi at 5:30 p.m.
- Self introductions
- Announcements by Bob Levi
  - a. A motion was made to accept the Chapter meeting minutes from October 2, as published in the November Fog Dispenser. The motion passed. The minutes of our last meeting on October 2<sup>nd</sup> were approved.
  - b. Sadly, several members of our community have recently passed away: Ben Clark, Victor Bach, and Richard Blickensderfer.
  - c. Scott Wayland's wife had a baby girl on October 27<sup>th</sup> – Sydney Michaela – 7 lbs 2 oz.
  - d. The Winter Meeting and Expo are in Anaheim in January. I also have free Expo registration tickets for your use or you can register in advance for free on-line.
- Mark Hydeman announced two UCB Extension HVAC classes next Spring.

- Edgar DeGuzman recognized a significant contribution to our Chapter from last season: Robin James for Student Activities Chair.
- December Seminar announcement by Jon Wintermeyer. The seminar will be held on December 5, 2003 at the PG&E Energy Center. The topic is “What HVAC Engineers, Designers, Contractors, Equipment Suppliers and Building Owners Need to Know About the Benefits of Commissioning.”
- Gary Harbison, Student Activities Chair, announced that the evening’s meeting was a “Student Night,” and that Travel Grants to the winter and summer meetings are available.
- Scott Wayland, TEGA Chair, announced that Jeff Blaevoet of Guttman and Blaevoet won a Society Honorable Mention Technology Award for his Hamilton Landing project in Novato. This is the Second Place Technology Award in all of ASHRAE.
- Bob Levi announced that the Chapter Board has attained Full Circle award in Resource Promotion. Also, memorial gifts to RP are possible for the departed.
- 10 minute break.
- Jon Wintermeyer introduced the speaker - Larry Felker from Belimo.
- Marble Draw – Prizes sponsored by Belimo Aircontrols. Wasil Popow from Flack & Kurtz won the \$100 dinner gift certificate but did not win the Marble Draw - \$800+ rolls over to the next meeting.
- Bob Levi announced that next month’s meeting will be held at the San Mateo Marriott on December 4. The presentation will be by Ron Wilkinson on Building Commissioning.
- Bob Levi asked for a motion to adjourn the meeting. The meeting was adjourned at approximately 8:45 p.m.

## Employment Opportunities

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### **Mechanical Engineer Position Available**

Dynamic and growing Sacramento Valley consulting firm with a reputation for quality engineering and exceptional service seeks an engineer with 8 to 15 years of HVAC experience to design and manage commercial, healthcare, office, high tech, educational and sustainable projects. BSME and P.E. required. We believe in hiring talented professionals that are energetic, motivated and responsive. We offer great opportunities for growth and a relaxed work environment - get in on the ground floor of this emerging firm! Excellent salary and benefits. Email resume to [info@eclipse-mech.com](mailto:info@eclipse-mech.com) or fax to (916) 985-0833.

### **Applications Engineer - Contracting / Complex Solutions**

Trane, a leading manufacturer of HVAC equipment and automation, is seeking an Applications Engineer for our Sacramento Contracting group. This individual will be responsible for the turn-key design and development of mechanical systems retrofit and construction work in commercial and light industrial applications – from inception through design, estimating, sales assistance, and project management. A highly motivated self-starter with exceptional communication and computer skills is required. This individual should possess a BSME and have a minimum of 5 years related construction experience with emphasis in chiller plant design. Trane, a division of American Standard Inc., is an equal opportunity employer. We offer a highly competitive salary and benefits package and a rewarding professional work environment with advancement opportunities. Qualified candidates please send your resume in confidence to [gbrandon@trane.com](mailto:gbrandon@trane.com) or call Gregg Brandon at 916-577-1100.

ASHRAE GOLDEN GATE CHAPTER - DINNER RESERVATION FAX  
*For Thursday, December 4th*

Please reserve prior to **Monday at noon, December 1st.**

Please reserve on-line by visiting [www.ggashrae.org](http://www.ggashrae.org) and click on "Meetings", and click on "Dec 4", fill out the form and send. Or FAX the following form to Debbie Marshall (510) 639-3337.

**Members with vouchers – you too – must send in your reservation. We need to know how many meals to request.** Please cancel your reservation if you cannot attend. Cancellations must be received by December 1st

FROM: \_\_\_\_\_

COMPANY: \_\_\_\_\_ Phone: \_\_\_\_\_

Please make \_\_\_\_\_ reservation(s) for the following people (fill in names below):

\_\_\_\_\_  
\_\_\_\_\_

#### CHANGE OF ADDRESS?

All members who wish to make changes in their membership data (change of email address, change of address or change of employer are the most common) must make those changes through the national ASHRAE site <http://www.ashrae.org>.

**THE GOLDEN GATE CHAPTER CANNOT MAKE THESE CHANGES FOR YOU.**

In order to change your membership data, you will need your ASHRAE member number and confidential PIN number, both of which are on the ASHRAE card issued to you each year. Go to the Change of Address link of the ASHRAE web site, log in, then to Membership Records. If you don't have your PIN or membership card, please call Customer Service Section: 1-800-5-ASHRAE (US and Canada).

#### Pay for meetings using your credit card

The Chapter has set up a PayPal account. You may now pay for your dinner meetings using your credit card if you have a PayPal account. It's a very simple process, and the instructions are on the website.

- There will **NOT** be any service charges to you from PayPal nor the Chapter.
- The Chapter does **NOT** see your private card nor bank information.
- The Chapter does **NOT** even see the last four digits of your credit card number.
- You can cancel your personal PayPal account whenever you want.

Several members have already paid for their dinner vouchers using PayPal. If you have any questions about this process, please contact Robert Marcial at [rmarcial@uclink4.berkeley.edu](mailto:rmarcial@uclink4.berkeley.edu).

NOTE: At the meeting, we will have a list of those that have paid through PayPal, but we will not be accepting credit card payments at the meeting. **All credit card payments MUST go through PayPal. If you want to pay at the meeting, it's business as usual...cash or checks only.**

#### MARBLE DRAW

Thank you Belimo Aircontrols for the donation of a \$100 Dinner Gift Certificate for the first prize and 2 bottles of wine at the 11-6-03 meeting. If you would like to sponsor the prizes for future Marble Draw raffles, please contact Nicolina Guiliano at [nicolina.j.guiliano@jci.com](mailto:nicolina.j.guiliano@jci.com)



*Dennis  
Thompson & Jon  
Wintermeyer*

*Chapter President  
Bob Levi*



*Diane  
DeGuzman and  
Mark Hydeman*

*Speaker Larry  
Felker*



*Pacific Energy  
Center Staff and  
chowhound Ben  
Sun*

*Edgar  
DeGuzman  
presents Student  
Activities  
Appreciation  
Award plaque to  
Robin James*



*Jon Wintermeyer  
tells us about  
future programs*

*Dennis Thomson*