

FOG DISPENSER

Golden Gate Chapter



ASHRAE

VOLUME XLII - NUMBER 2

NOVEMBER 2003

November Meeting Notice

Date: Thursday, November 6th
Place: Pacific Energy Center
851 Howard Street
San Francisco

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 Tuesday, November 4th at noon
Students – No charge, but please reserve a spot
Voucher – No additional charge, but please reserve
a spot. Purchase 7 meetings and get 8 - \$245.00
\$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.

But please remember that you still have to register your
reservation as noted below:

Please reserve on-line at www.ggashrae.org/calendr.htm
Click the appropriate event, fill out the form and send.

Or use the fax form in the Fog Dispenser (page 10).

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

November Program

Student Night and Guest Speaker Larry
Felker from Belimo Aircontrols

“CO₂ Monitoring and Minimum Outdoor Air
Control & Demand Control Ventilation”



Larry Felker is a mechanical engineer who has specialized
in control systems and damper and valve applications for
30 years. He is presently Fire and Smoke product
manager for Belimo Aircontrols and works out of their
Sparks, NV distribution center.

He is corresponding member of TC1.4, temperature
controls and T.C5.6 Fire and Smoke. The talk here is
based on an article, Minimum OA Control Methods that
appeared in the April 2002 ASHRAE Journal. Handout
copy available at the meeting.

Students - don't forget to reserve a spot
for Student Night!

Golden Gate Chapter President's Message, November 2003

WHY IS ASHRAE NON-COMMERCIAL?

Thanks to the gentlemen from Capstone who gave a presentation on MicroTurbine Combined Heat & Power (CHP) Systems at our October 2nd meeting. The presentation was informative but too commercial. What's wrong with too much commercialism? First, allow me to tell you about the official policy. ASHRAE is a technical society whose objective is to advance the arts and sciences of HVAC&R. The Society is not organized to advance commercial interests. ASHRAE's restriction of membership to individuals only (companies cannot be members), reflects the Society's non-commercial character. With the foregoing in mind, ASHRAE's Commercialism Policy is as follows:

“ASHRAE's publications and activities shall be free of commercial bias and shall not imply ASHRAE endorsement of any commercial interest. Commercial recognition may be provided or implied when doing so is necessary to promote the arts and sciences of HVAC&R and the understanding of associated technology. Such opportunities for recognition shall be administered fairly and may include citations, sponsorships, advertising and acknowledgements.”

Just imagine if each of our presenters used too much commercialism. We certainly would have a long line of potential presenters (translation: presenter = sales person). Where else could a sales person get a 45 minute audience of 50+ HVAC professionals? However, how many members would attend a meeting for a sales pitch? I believe that our members attend a meeting for several reasons: to receive technical information, to develop knowledge of problems and solutions, to network with other HVAC professionals, and for fellowship and enjoyment. Experienced presenters know that if they make their point and display their knowledge of the subject, the attendees will approach them for further help and information. These experienced presenters know that they don't need to advertise their product or service.

Hope to see you at the November 6th meeting at the Pacific Energy Center. Larry Felker knows his stuff and will abide by our commercialism policy. Don't forget to make your plans soon for the ASHRAE Winter Meeting and AHR Expo. See the article in this issue of the Fog Dispenser.

Respectfully submitted,
Robert F. Levi, Chapter President

2003 – 2004 Golden Gate ASHRAE Events

DATE	LOCATION	PROGRAM	SPEAKER
Dec. 4	San Mateo Marriott (Joint with San Jose)	Building Commissioning of HVAC Systems and Equipment *See Note	Ronald J. Wilkinson, PE Distinguished Lecturer
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

*Also please note that this years Chapter Full Day Seminar will be on December 5, 2003 at the PEC, featuring ASHRAE Distinguished Lecturer, Ronald J. Wilkinson, PE. His Seminar topics will be Commissioning Green Buildings for the USGBC LEED Program and Commissioning Interoperable Control Systems.



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ASHRAE WINTER MEETING AND AHR EXPO

In January 2004 the Winter Meeting and Expo will be in Anaheim. This is the closest venue that you will see these events to the Bay Area for many years. The Winter Meeting is from January 24th through 28th. For more information, visit www.ashrae.org and click on Meetings and Events. You will find information on the technical program, short courses, technical tours, and social events.

Have you ever been to an ASHRAE Winter Meeting? Want to get a free one-day pass (worth \$130)? The Golden Gate Chapter has a free pass to give away. Here are the rules:

- You must be a Member or Associate Member
- You have never before attended an ASHRAE Meeting (Winter or Summer)
- Send an email to blevi@pacbell.net with a 25 word essay about why you want to attend the Winter Meeting
- Essay must be received by Wednesday, November 5th
- The winner will be announced during the November 6th chapter meeting – you do not need to be present to win

The winner will receive a certificate redeemable for either a one-day registration (day of their choice) or \$130 toward the full meeting advance registration fee of \$340 (net fee of \$210). The giant AHR Expo is from January 26th through 28th. 1,800 exhibitors will be displaying at the show. For more information, visit www.ahrexpo.com. At this website there is a link to HOTEL/TRAVEL INFO where you can make a room reservation or obtain discounted air travel. Remember that 50,000+ people attend the Expo, so don't wait to make your lodging reservation. At the website you may also pre-register for the Expo. Advance registration is free. On-site registration is usually \$20.00 plus the time required to wait in line to register. If you are registering for the Winter Meeting, your Expo registration is included and no additional registration is required. If you have any questions about either the Winter Meeting or Expo please contact Bob Levi at blevi@pacbell.net or 408.918.5792.

From the Chapter Historian: John “Jack” Kniveton

ASHRAE: Golden Gate Chapter Biographies

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

Jack joined ASHVE and the Norman S. Wright Co. in approximately 1948. Jack served as the President of the Golden Gate Chapter of ASHRAE in 1963/64.

Jack stands out in the author’s memory for several reasons. First was his sales technique for Air Distribution products. Jack knew his products from a technical point of view that many salespersons did not. Jack used this knowledge and background to educate young engineers regarding proper calculations and applications for his products. As an example, with Jack’s help, I was calculating sound power levels, sound pressure levels and attenuation required for his sound traps before it was popular to have that done by the acoustical engineers. Then, of course, I would specify his company’s sound trap as the basis of my design.

Secondly, because Jack and his company provided such good technical service and because they would from time to time change the manufacturers that they would represent because of new technologies or better quality. It became my practice to change my master specifications to agree with the manufacturers that he then represented. I always felt that by so doing, I was providing the best for my Clients and it was a product I was confident in.

Thirdly, Jack also organized a number of tennis weekends for ASHRAE couples from the Golden Gate Chapter. We went to a many nice clubs including La Costa & Rancho Bernado in Southern CA and El Rancho in Sacramento.

The Golden Gate Chapter thanks you Jack Kniveton for your contributions to ASHRAE and our industry for both technical and social aspects.

(Information by the author’s memory, from his association with Jack.)

2003/2004 ASHRAE Resource Promotion Report

The 2003-04 ASHRAE Resource Promotion year is off to a great start! Many of you have already given, either through me, or directly to ASHRAE Resource Promotion when renewing your national membership. Thank you for your donation. To those that have not donated, I look forward to talking with you. Remember, all donations are tax deductible, and you may use a check or credit card. Now you can make your donation online at www.ashrae.org.

The following corporations and individuals have donated on the honor level or above for this year.

Corporate Honor Roll Investors (\$150.00 or more)

Flow Products – Johnston Pump

R. F. MacDonald Company

Laws and Associates

Individual Honor Roll Investors (\$100.00 or more)

Edward Arens

Carl Jordan

Cory Palmer

Kyle Blocker

John Kniveton

Shlomo Rosenfeld

Richard Charles

Bob Levi

Dennis Thompson

Glenn Friedman

Kent Lim

Robert Voelz

Mark Hydeman

Robert Marcial

Jon Wintermeyer

If you contributed at the “Honor Roll” level last year, you are entitled to a gift. A medallion, picturing a prominent HVACR engineer is available as ASHRAE’s way of saying thank you. If you would like your medallion or if you are interested in making a donation, please contact...

Jon Malkovich
925.688.1369 x4

jon.malkovich@ebward.com

Johanna Gustafsson
925.417.7218

johanna.gustafsson@york.com

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**. 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

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**. More info to come soon...

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 1st, 2004. The Code Committee will be submitting comments and would like your input. **Contact Matt Chikhale at 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.**

In last month's column I summarized several of the Code Committee's activities. One of the topics was a problem that member Shlomo Rosenfeld found in the UMC that essentially does not allow exhaust ducts in plenums. I noted one example that all of us design – toilet exhaust ducts. Here is a clarification to the actual problem:

Section 504.1 of the 2001 UMC does not allow ANY exhaust duct in a return air plenum. IAPMO apparently has corrected the language in the 2003 UMC. The California Building Standards Commission will not correct the 2001 model code at this time. Therefore, to design a code-complying system, you would need to run an exhaust duct under the ceiling of a return air plenum or somehow separate it from the return air plenum – obviously a ridiculous scenario. Until the 2003 UMC is adopted, we are stuck with this rule. An engineer should consider reviewing this issue with your client and your code official to determine a course of action. Our professional community has the opportunity to shape the codes we work with. Help us make a difference.

ASHRAE News & Info

Society is continually making significant improvements to their websites both in terms of navigation and content. All members are encouraged to check out www.ashrae.org One topic is on HANDBOOK DEVELOPMENT:

A new ASHRAE Handbook reviser program should make revising chapters easier and more efficient for technical committee members. Handbook chapter revisers can now download Microsoft Word base files for the 2003 ASHRAE Handbook, HVAC Applications from ASHRAE.org. Handbook chapters are placed on a password-protected page from which revisers can download the current, authorized versions of Handbook chapters in Word format for editing. Go to the following link for more information:

<http://www.ashrae.org/template/EducationLinkLanding/category/1553>

Development of Title 24 2005 Standard

The Title 24 2005 standard is in its final stages of development. Information on the rule making process can be found at the website, www.energy.ca.gov/2005_standards/rulemaking. Copies of draft standard documents can be found at the link, www.energy.ca.gov/2005_standards/rulemaking/documents. Comments should be sent to Bill Pennington at Bpenning@energy.state.ca.us.

Student Activities Committee - November is Student Night

By Gary Harbison, Student Activities Chair

We will be hosting local engineering students from Cal and SF State. This is your invitation to sponsor a student for dinner and cocktails...and then to regale them with your insights into the wonders of, pitfalls to be wary of, and general bons mots of our industry.

To this end, we are in need of a committee co-chair...or two or three. If you are interested, please contact me at 510-266-7806 or Email GHarbison@CalHydro.com

Minutes of October 2, 2003 Meeting

Location – Carnelian Room, San Francisco

- Called to order at 6:35 p.m. by President Bob Levi
- Self-introductions and invited guests in attendance were recognized; in addition to Bob Levi's request that each person tell something they did on their summer vacation.
- June 5th Chapter Meeting minutes were approved as published in the Fog Dispenser.
- Johanna Gustafsson, Resource Promotion Vice-Chair, asked the attending members to remember contributions to ASHRAE Resource as the year Chapter year begins. And noted that the annual results of last year's program were printed and copies available on each table.
- Gary Harbison, Chair for Student Activities discussed his plans for the year and also requested that members consider his need for a Vice-Chair this year.
- Jon Wintermeyer, the President Elect, discussed the programs for the upcoming year and thanked the members for their input and effort in filling out the program questionnaire last May and June. The top 6 requested topics have already been scheduled into the Events calendar for the year. Jon also discussed the upcoming December 5th Seminar on Commissioning and introduced the Seminar Co-Chairs, Don Nurisso and Joe Olivier.
- Scott Wayland, Chair for TEGA talked on what TEGA is and what he hopes to work on with the Chapter members for the next year.
- Lucky Lofton, Chair for Membership talked on his plans for the year and also introduced Amy Cervantes, the Membership Vice Chair.
- Carl Jordan, Chapter Historian asked if anyone has copies of Fog Dispensers prior to 1977 to expand the chapter archives
- Bob Levi presented remaining carved GG ASHRAE wooden plaques of appreciation to Scott Wayland, TEGA Chair, and Allan Daly, Database Chair for all their hard work for the Chapter this past year.
- Steve Taylor was recognized for the announcement of his upcoming award of the ASHRAE Fellow grade.
- Marble Draw – No one won the prize for the cash, so the money pot rolls over to the November Meeting. Mark Collins of Johnson Controls did win the \$100 dinner gift certificate, which was the first prize donation made by York International, in addition to 2 bottles of Wine. Thank you York International for your continued support to the Chapter.
- Jon Wintermeyer and Bob Levi apologized for the delivery of the Fog Dispenser newsletter being so close to the meeting date and noted that it would not happen again.
- Joe Olivier displayed his Past President's badge that had just arrived.
- Jon Wintermeyer introduced Andrew Wang and Rich Minar, the speakers for the evening. They discussed Micro Turbine Combined Heat and Power (CHP) Systems and answered questions from the floor throughout their informative talk. Jon presented them both with Barnes and Noble Gift Certificates at the conclusion.
- Meeting adjourned at 9:10 p.m. (Minutes by Jon Wintermeyer)

ASHRAE Distinguished Lecturer Programs
Sacramento, San Jose and San Francisco, December 3-5, 2003

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



Sacramento Chapter--Wednesday evening, December 3rd, and Golden Gate and San Jose Chapters at the San Mateo Marriott Hotel--Thursday evening, December 4th:

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.

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.

Open seminar sponsored by ASHRAE for all Chapters--**Friday, December 5th, 9:00am to 4:00pm** at the Pacific Energy Center in San Francisco. Cost of the seminar is \$225 with early registration prior to November 21st and \$250 for later reservations. You must register online at <http://www.ggashrae.org/calendr.htm>. You can pay using your charge card with “**PAYPAL**” or mail your check to:

Glenn Friedman, Treasurer

C/O Taylor Engineering
1305 Marina Village Parkway, Suite 101
Alameda, CA 94501

**Make check payable to *Golden Gate ASHRAE Seminar*.

During this seminar, Ronald Wilkinson will provide a detailed description of the commissioning process from planning through occupancy and the benefits to the owner, contractor, equipment supplier and HVAC design team. He will review his research into commissioning costs and will discuss methods of purchasing commissioning services and selecting and qualifying the providers of these services. Mr. Wilkinson will focus on the commissioning of sustainable architecture buildings for the US Green Building Council’s Leadership in Energy and Environmental Design (LEED) program and will also discuss the application of the commissioning procedure to include interoperable control systems. Commissioning is a pre-requisite for qualifying a building for LEED certification, and this certification has been shown to be a powerful draw for the ever-expanding population of socially responsible investors. 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. Ronald Wilkinson will touch on the latest developments that can improve the commissioning process and lay the foundation for sustainable high building performance while being environmentally and energy conscious.

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.

Employment Opportunities

HVAC Engineer / Project Manager wanted

Walnut Creek consulting mechanical engineering firm seeks a talented senior level registered HVAC project engineer with minimum 12 years experience. Excellent technical and communications skills required. Growth opportunity and competitive salary and benefits. E-mail resume in confidence to kris@mds-sf.com.

Mechanical Engineer Opportunity at Arup

Arup is a leading international design engineering firm with over 6,000 employees worldwide in 70+ offices. We currently have a position for a Mechanical Engineer in our San Francisco office (position E2265) to work in a growing multidisciplinary team engaged in the design of a variety of building projects. This individual will work on designs across a range of commercial, healthcare and the laboratory projects. As a member of our team, you will be responsible for managing the mechanical design of small to medium size projects and/or forming part of a larger team of large projects led by a senior member of staff. A minimum of four years' experience in a design consultancy or with a contractor is required. Good technical and people skills are essential, together with an interest in sustainability. AutoCAD experience, HVAC design experience and a PE license is preferred. For further information about our firm, please visit our website at <www.arup.com>. Arup is an Equal Opportunity Employer.

To apply, please email resume to usa.recruitment@arup.com and reference Mechanical Engineer (E2265). No faxes or hard copy resumes, please.

Arup: Debbie Fine, 901 Market Street, Suite 260, San Francisco, CA 94103 tel: 415-946-0281

Mechanical Engineer Wanted

Berkeley Lab, a multidisciplinary scientific facility conducting non-classified research, maintains 76 buildings on more than 180 acres in the beautiful hills above the UC Berkeley campus. Our Facilities Department has an opportunity for an engineer to formulate and implement detailed mechanical HVAC, plumbing, fire protection, and laboratory utility systems designs for multiple projects. This will entail preparing engineering analyses, conceptual designs, design criteria, construction documents, and operating/maintenance information based on specific requirements. You will be expected to coordinate projects, perform building code compliance checks, and verify system performance. To qualify, you must possess professional Mechanical Engineer Registration in the state of California, substantial relevant experience designing HVAC, fire protection, plumbing and utility systems for wet/dry labs, clean rooms, large-scale data centers and other facility types, and a thorough understanding of industry and regulatory standards, codes and regulations. Proficiency with AutoCAD 2002 and other software applications related to engineering, design, computerized planning and control methods are essential.

To apply, complete our online application at <http://cjo.lbl.gov> (click on apply on-line near the bottom of the page).

Alternatively, in the body of an e-mail message, send one copy of your resume to employment@lbl.gov. You can also mail a hard copy of your resume to LBNL Staffing, One Cyclotron Road, Bldg. 937R0600, Berkeley, CA, 94720, or fax it to 510.486.5870. Please reference job number FA/016333/WASH.

Mechanical Engineer / Project Manager Wanted

Applicant shall have five or more years experience in mechanical and HVAC design systems for industrial, commercial, institutional and public projects. Prefer additional experience in plumbing and fire protection. Requires PE registration, experience in consulting environment, ability to successfully assume full project responsibilities, including client service. Mechanical Engineer / Project Manager will be responsible for the coordination of the design team, system selection, completion of contract documents, project bidding and construction administration.

Please send resume or questions about this announcement to:

Betty Wang-Garcia

TETER CONSULTANTS, LLP

8405 N. Fresno Street

Suite 3000

Tel: 559.437.0887

Fax: 559.438.7554

E-mail: bettyg@tetercon.com

ASHRAE GOLDEN GATE CHAPTER - DINNER RESERVATION FAX

For Thursday, November 6th

Please reserve prior to **Tuesday at noon, November 4th**.

Please reserve on-line by visiting www.ggashrae.org and click on "Meetings", and click on "Nov 6", fill out the form and send. Or FAX the following form to Debbie Marshall (510) 639-3337.

The Meal Voucher Plan is still available – 8 meals for the price of 7 is \$245.00

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 November 3rd.

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 meeting vouchers (\$245) using your credit card

Purchase your 2003-2004 Meeting Voucher now! If you have a voucher and miss a meeting, you can bring a guest to the next meeting and your guest can attend for free! This offer is only good for the October 2003 - June 2004 season and the "guest for free" option will not carry over to the 2004-2005 season.

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 at <http://www.ggashrae.org/announc.html>

- 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.

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 York International for the donation of a \$100 Dinner Gift Certificate for the first prize and 2 bottles of wine at the 10-2-03 meeting. If you would like to sponsor the prizes for future Marble Draw raffles, please contact Nicolina Guiliano at nicolina.j.guiliano@jci.com



Bob Levi & Jim Lazor



Bob Levi presents an appreciation award to Scott Wayland



Bob Levi presents an appreciation award to Allan Daly



Shaun Webster awards the lucky Marble Draw winner Greg Boyle with a prize



Jon Wintermeyer with the speaker Rich Minar



Glenn Friedman, Carl Jordan, Dick Charles, and Bob Braun



Jon Wintermeyer, Elizabeth Dubensky and speaker Andrew Wang getting things set up for the program.



Dennis Thomson and Jeff Roberts