

October-November 2004

# The Beanpot



Newsletter of the American Society of Safety Engineers  
Greater Boston Massachusetts Chapter

## PRESIDENT'S MESSAGE

David T. Crowley, CSP, CET, CHMM

Time flies when you're having fun - it's hard to believe that the summer is already over. Kids are back to school and the leaf blowers are humming on the weekends. Things that come to mind are school bus safety reminders and safety professionals scrambling to get their Fall fire drills and hands on fire extinguisher training sessions before the inclement weather hits.

For those that are consultants, customers are pressuring you to get projects done and billed before the end of the year. Are you with me on that stuff folks? It's hectic times for many of us no doubt. Back in July I took the seat of President of the Greater Boston Chapter and boy I can tell you that we've got things really cooking so far this year. Yessiree folks, we're cooking right along with lots of stuff happening - most of our activities are listed in this issue of the Beanpot newsletter.

Take a look at our progress with the new Student Section with the University of Lowell. This has been in the works for quite some time. Also, great news on scholarships for our students as well. This is a fantastic way to start off the Chapter year. Take a look at our upcoming technical programs for October and November. Hope you can make some of these meetings. Mark the date; **October 19<sup>th</sup>** is "**Fire Investigation 101**" in Waltham MA. This will be a hot topic for those that aren't quite certain about what you'd do if there were a fire at your workplace.

We'll cover the fundamentals for those that are looking for the basics. For those that are already skilled at investigating fires, please consider attending so we can get some audience input from those that have "been there, done that".

Also, mark your calendar for November 16<sup>th</sup>, we've got an excellent program planned to review OSHA's new VPP program.

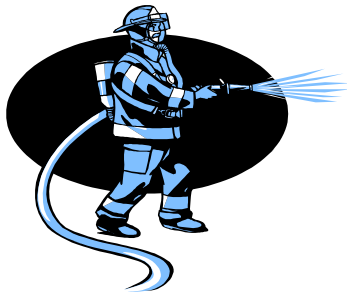
What's that about meetings? I remember somebody once told me that meetings were where minutes were taken and where hours are wasted. **Not at our meetings folks!** We've got an action packed schedule of technical programs that will hopefully viewed by our members as low cost, valuable presentations. If you have any ideas or thoughts on what could be a good meeting topic, please be sure to speak up and let us know.

One important note about membership - we should all recognize, membership is the life blood of our organization. Yes, our membership is made up of several passionate safety professionals called volunteers as well as our student chapter members, our veteran members and most importantly, our new members. This past month I was notified by ASSE national that we had 6 new members join the Greater Boston Chapter.

I have reached out to contact each of them to welcome them aboard. Whether it be our new members, our students or maybe even some of our veteran members - we are always looking for new volunteers. If you have been thinking about it please give me a ring. If you've been thinking about it but aren't quite sure how to get plugged in, give me a ring.

Safety. Beware. Be Aware!  
Call anytime  
Dave Crowley  
[d\\_crowley@hphood.com](mailto:d_crowley@hphood.com)  
1-617-877-2062

## ASSE GREATER BOSTON CHAPTER UPCOMING EVENTS



Please join us for the first ASSE technical meeting of the program year!

We expect that the meeting will provide for an evening of networking, camaraderie, and great information! We're thrilled to have Sgt. Paul Zipper, from the Massachusetts State Police Fire & Explosion Investigation Team, attend our meeting to present, "**Fire Investigation 101.**" Join us to learn more about investigating a fire! Since dinner will be served at this meeting, pre-registration is strongly encouraged so we can get an accurate headcount for the meeting.



**TOPIC:** Fire Investigation 101

**SPEAKER:** Sgt. Paul Zipper, Massachusetts State Police Fire & Explosion Investigation Team

**WHEN:** Tuesday, October 19, 2004  
5:00 PM (Registration & Networking),  
5:30 PM --Dinner, followed by our program

**WHERE:** Best Western TLC Hotel, 477 Totten Pond Road, Waltham, MA

**MEETING FEE:** \$30 for members who pre-register by 10/12, \$35 for non-members, late registrants, and walk-ins. Cash bar will be available from 5:00 - 7:00 pm. Again, walk-ins are accepted. Payment must be by cash or check.

Please contact Adam Sotirakopoulos (contact information below) to sign-up -- be sure to provide your name, company, phone number and/or email address by which to contact you in the event of any changes. Cancellations received after October 12th and NO SHOWS will be charged the full amount due to the cost of the catered meal.

**CONTACT:** To pre-register, please contact Adam Sotirakopoulos

at [adam.sotirakopoulos@analog.com](mailto:adam.sotirakopoulos@analog.com) or call 781/937-2262.

## ASP/CSP PREPERATION WORKSHOP



If you are planning to obtain your ASP designation, ASSE's Greater Boston Chapter is again coordinating a workshop to help you prepare for the ASP exam. **On March 15th-17th, 2005, an ASP Safety Fundamentals Exam Preparation Workshop is being held** at EMC Corporation in Hopkinton, Massachusetts. The ASP Workshop is an excellent tool for preparing for the ASP/CSP, and provides real test questions. And, we still have not raised the price!

In past years, the ASP workshop has been a huge success. Several ASSE members and non-members have attended and successfully completed the class, which is again being taught by the nationally recognized Langlois, Weigand and Associates. So many students have gone on to obtain their ASP designation! Due to its success, the Boston chapter anticipates the class will fill up quick. ASSE members can attend for \$525, while non-members can attend for \$595. Pre-registration and payment is required by 2/16/05. Each student is given a fact-filled study guide with real test questions. And, for the purposes of the class, the instructors will provide each student with a scientific calculator.

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**Course Information Summary:**

ASP Workshop - March 15-17, 2005 - Hopkinton, MA  
\$525-ASSE members, \$595 non-members

Call Kevin Biernacki, CSP, for further information:  
508-293-6556.

## EXTRA! EXTRA! READ ALL ABOUT IT....



### ASSE STUDENT SECTION FORMING AT UMASS LOWELL

Submitted By Tim Walsh

The University of Massachusetts-Lowell (UML) Campus is forming a new Student Section of the American Society of Safety Engineers (ASSE). The Greater Boston Chapter (GBC) of ASSE is actively supporting this new venture. This last May, Mark Bresnahan and Bryan Murray met with Dr. Maria Brunette and myself, a doctoral student, to begin discussions about forming the new Section.

Our first meeting was held Wednesday, September 15 in the Work Environment Department at UML. Margie Lobaton, Michael Sample and Bryan Murray attended to talk to students about the many benefits of membership in ASSE. I believe that networking was brought up more than once. The three GBC members were very enthusiastic about the Chapter and new Section.

The new Section is looking to start slow and build on their successes. There is a new office available that will be the headquarters for the Section as well as to serve as a safety library/lab for the students. Currently, the office is empty except for some desks, bookshelves and file cabinets. We are looking to stock it with safety related resources, books, journals, posters etc. ...so, if anyone out there has anything that they would like to donate, please do not hesitate to let me know. Some of the potential activities that were discussed at the meeting were:

- Site visits
- Guest speakers (The topic of errors in health care and related injuries was the brought up first)
- Fund-raisers
- Conference attendance
- Social events
- Working with other Student Sections
- Website design

If there are any GBC members that would be able to help out in any of these areas, again, please let me know.

I would also like to take this opportunity to introduce myself as I have the honor of serving as the first President of the UML Section of ASSE. My name is Tim Walsh and I am a doctoral student at UML. My major emphasis is safety with a minor emphasis in policy. I will be working with Dr. Maria Brunette as my on campus advisor.

I am somewhat new to the safety profession. I have been involved in arboriculture since 1988, and I hold an MS and BS in urban forestry. I am an International Society of Arboriculture Certified Arborist and have spent most of the last 16 years climbing trees. The last ten years or so I have been involved in some aspect of training and education. I served as the Director of the Student Society of Arboriculture until the spring of this year. I sit on the ANSI Z133.1 committee, which sets the safety standard for the arboriculture profession. I am also a member of two committees that deal with arboricultural activities for Oregon and California OSHA.

I would like to use my past experience working with student organizations and my passion for safety to work with the students of UML, Dr. Brunette, the GBC, and ASSE to build a sustainable Student Section.

Tim Walsh - President  
UMass Lowell Student Section  
American Society of Safety Engineers  
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University of Massachusetts Lowell  
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[t.m.walsh@att.net](mailto:t.m.walsh@att.net)  
603-867-0899 Cell

## ASSE GOLF OUTING DEEMED SUCCESSFUL!

Article Submitted By Dave Crowley

Yes folks, there was a beautiful golf tournament in Bellingham, Massachusetts on September 23<sup>rd</sup>. The New England Country Club in the lovely town of Bellingham has been the home location for the annual BOSGO for the past five years. BOSGO stands for Beanpot Open Scholarship Golf Outing for ASSE's Greater Boston Chapter. This was the 5<sup>th</sup> time the golf outing was held at the Hale Irwin designed championship golf course.

To summarize the day in a brief article would be a difficult task. To visualize it, and if you were there, you know that here was early morning dew, sunshine, green fairways and putting greens that were as smooth as a rug. If you were unable to make it we had great fun with lots of gifts for the winners and plenty of raffle gifts. Highlight of the raffle day was a raffle for a piece of folk art that was donated by Beacon Mutual Insurance Company. Our very own Kristin Hoffman (VP of Communications for the chapter) was the lucky raffle winner!



Dave Crowley (right) gives a pat on the back to John Spath (left), Chair of the 2005 BOSGO

Each year the BOSGO event has enabled us to continue a tradition that began back in 1962, that being - raise scholarship money for students, schools and student section leaders. Of course, it doesn't stop there. The BOSGO receipts have also enabled the Greater Boston Chapter to establish a fully endowed scholarship with the ASSE Foundation. This new scholarship is in addition to two local scholarships named after two of our past chapter leaders, the Ferdinand Schroth Scholarship and the Norm LaMontange Scholarship. Be sure to surf to our

web site to find out more about these great scholarship opportunities.

### MANY THANKS TO OUR TOURNAMENT SPONSORS AT THIS YEARS BOSGO EVENT, SEE BELOW:

Beacon Mutual Insurance - Raffle Sponsor  
 Liberty Mutual - Program Sponsor  
 Marsh USA - Sponsor, Longest Drive Contest  
 Safety Inc. - Sponsor Gift, 3 ball sleeves for golfers  
 Air Duct Services - Hole Sponsor  
 Aon Risk Services - Hole Sponsor - Hole Sponsor  
 Atlantic Charter Insurance - Hole Sponsor  
 Boston Claims Mgmt Co - Hole Sponsor  
 Boston University EHS Dept - Hole Sponsor  
 Canberra - Hole Sponsor  
 Clayton Group Services - Hole Sponsor  
 Mass Safety Council - Hole Sponsor  
 SLS Consulting - Hole Sponsor  
 PSC Environmental Services - Hole Sponsor



One of the happy winners from the BOSGO golf outing at New England Country Club

### **BOSGO V Financial Results**

Total income	\$11,530.00
<u>Total expenses</u>	<u>- 7,105.08</u>
Net proceeds	\$ 4,424.00

**This money will help fund our scholarship program moving forward!**

## EDITOR'S SOAPBOX

By Ed Dorgan

### Top 10 Things You Can Do to Prevent Global Warming

10. Plant a couple of additional trees around your home.  
**CO2 REDUCTION = 20 LBS/YEAR**
9. Use a push mower to cut your lawn instead of a power mower.  
**CO2 REDUCTION = 80 LBS/YEAR**
8. Replace your home's refrigerator with a high-efficiency model.  
**CO2 REDUCTION = 220 LBS/YEAR**
7. Buy food and other products with reusable or recyclable packaging instead of those in non-recyclable packaging.  
**CO2 REDUCTION = 230 LBS/YEAR**
6. Replace your current washing machine with a low-energy, low-water use machine.  
**CO2 REDUCTION = 440 LBS/YEAR**
5. Install a solar thermal system to help provide your hot water.  
**CO2 REDUCTION = 720 LBS/YEAR**
4. Recycle all of your home's waste news print, cardboard, glass, and metal.  
**CO2 REDUCTION = 850 LBS/YEAR**
3. Leave your car at home two days a week or walk, bike or take the bus or T to work instead).  
**CO2 REDUCTION = 1,590 LBS/YEAR**
2. Insulate your home, tune up your furnace, and install energy-efficient showerheads.  
**CO2 REDUCTION = 2,480 LBS/YEAR**
1. Purchase a fuel-efficient car (rated at 32 mpg or more) to replace your most frequently used automobile.  
**CO2 REDUCTION = 5,600 LBS/YEAR**

If your family did all the items above,  
You could cut CO2 emissions  
by more than **11,000 lbs/year**

Ed Dorgan

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## OSHA SHORTS

Submitted by Ed Dorgan

### BP AMOCO Plant Fined \$63,000 Following Chemical Release and Fire in Texas City, Texas

HOUSTON - OSHA cited BP Amoco's Texas City oil and gas refinery for its alleged failure to protect employees from a chemical release and fire. The proposed penalties total \$63,000.

There were 14 alleged serious violations following an investigation. Most notably the failure to identify, evaluate and control hazards associated with the emergency shutdown system; to activate the emergency shutdown system; to train of employees to use the emergency shutdown system, and to inspect and maintain process equipment.

"BP Amoco had the experience and knowledge to prevent this accident, yet allowed hazardous conditions to develop," said Charles Williams, OSHA Houston South area director. "OSHA will not tolerate this disregard for worker protection."

### OSHA Proposes \$98,000 in Penalties for Scaffolding Hazards

SAVANNAH, Ga. -- OSHA has cited Padgett Tabby & Stucco Inc. after finding the company allegedly used unsafe scaffolding at a Brunswick construction site. The agency is proposing total penalties of \$98,000 against the company.

Company employees were reportedly working on 21-foot-high scaffolding, installing siding and applying stucco to the exterior of a building located on Golden Isle Plaza, when OSHA began its inspection March 15. The company received three repeat citations, with proposed penalties of \$90,000, for failing to fully plank scaffold platforms and provide guardrails, a ladder, or other safe means to access and exit the scaffolding.

The agency also issued two serious citations, with proposed penalties of \$8,000, for failing to have a competent person train workers in the proper methods for erecting, disassembling and moving scaffolding, and for allowing employees to work on unsafe scaffolding that lacked cross-bracing necessary to prevent the structure from collapsing.

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## U-Haul of Western N.Y. Faces \$73,200 in OSHA Fines Following Inspection at Tonawanda, N.Y., Rental Facility

**BUFFALO, N.Y.** -- U-Haul of Western New York faces \$73,200 in fines from the U.S. Labor Department's Occupational Safety and Health Administration (OSHA) for failing to adequately protect employees working with hazardous chemicals at its Tonawanda, N.Y., truck rental and leasing facility.

OSHA's inspection found that the company had not adequately informed employees of the hazards associated with these chemicals. Specifically, U-Haul failed to implement a hazard communication program; lacked material safety data sheets for

chemicals; failed to train employees in chemical hazards; and did not label containers with chemicals' identities and hazard warnings. In addition, the company failed to maintain an illness and injury log and did not record all worker injuries.

## New Alliance to Protect Construction Workers from Excavation Hazards~OSHA, Dig Safely New York and NYS Dept. of Labor Team Up for Safety

**ALBANY, NY** -- Protecting construction workers from excavation hazards is the goal of a new alliance forged by the U.S. Department of Labor's Occupational Safety and Health Administration (OSHA), Dig Safely New York Inc. and the New York State Department of Labor's On-Site Consultation Program.

OSHA alliances are part of U.S. Labor Secretary Elaine L. Chao's ongoing efforts to improve the health and safety of workers through cooperative partnerships.

"This alliance is an example of Secretary Chao's commitment to find cooperative ways to improve health and safety for all workers," said Patricia K. Clark, OSHA's regional administrator in New York. "We want to help educate contractors and their workers to recognize and avoid hazards on the job."

For additional information please visit:  
[http://www.osha.gov/pls/oshaweb/owadisp.show\\_document?p\\_table=NEWS\\_RELEASES&p\\_id=11008](http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=NEWS_RELEASES&p_id=11008)

## GOVERNMENT AFFAIRS UPDATE

### ASSE Asks California to Recognize Standards

ASSE has petitioned the California Occupational Safety and Health Standards Board (OSHSB) to adopt or recognize current versions of various standards, included below. OSHSB is responsible for ensuring that workplace safety and health standards used by California Division of Occupational Safety and Health reflect the best possible levels of knowledge of means to protect workers from safety risks. The standards ASSE included are:

- ✓ ANSI/ASSE Z117.1-2003, Safety Requirements for Confined Spaces
- ✓ ANSI/ASSE Z244.1-2003, Control of Hazardous Energy " Lockout/Tagout And Alternative Methods
- ✓ ANSI/ASSE Z490.1-2003, Accepted Practices in Safety, Health, and Environmental Training
- ✓ ANSI/ASSE A1264.1-1995(R2002), Safety Requirements for Workplace Floor and Wall Openings, Stairs and Railing Systems
- ✓ ANSI/ASSE A1264.2-2001, Standard for the Provision of Slip Resistance on Walking-Working Surfaces

For more information. Visit [www.asse.org](http://www.asse.org) and click on the Government Affairs update section.

### EPA "Enforcement Alert" Focuses on Asbestos in Schools

**From EPA** --EPA's Office of Regulatory Enforcement has dedicated the September 2004 issue of "Enforcement Alert" to the protection of children from exposure to asbestos at school. When asbestos-containing material is disturbed, fibers may be released into the air and inhaled by children and school staff. A popular misconception is that asbestos-containing materials were banned and removed from school buildings years ago. Although some schools have been able to remove asbestos altogether, many have opted to manage asbestos-containing material in place. This "Enforcement Alert" reminds schools and local education agencies to inspect their facilities for asbestos-containing

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building materials and prepare management plans for the reduction of asbestos hazards. To read the September "Alert," go to:

<http://www.epa.gov/compliance/resources/newsletters/civil/enfalert/aheraalert0721.pdf>

To get more information on asbestos in schools, go to:

[http://www.epa.gov/asbestos/asbestos\\_in\\_schools.html](http://www.epa.gov/asbestos/asbestos_in_schools.html) .

### **FHWA Final Rule on Work Zone Safety and Mobility**

The Federal Highway Administration (FHWA) has amended its regulations on traffic safety and mobility in highway and street work zones. They are effective October 12, 2007. For more information please visit click on the weblink below:  
[http://www.access.gpo.gov/su\\_docs/fedreg/a040909c.html](http://www.access.gpo.gov/su_docs/fedreg/a040909c.html)

### **State of Massachusetts is Looking for Comments on New Trenching Regulations.**

To view the Commonwealth of Massachusetts Department of Public Safety Draft Trenching Regulations and suggest comments please visit the following web link:

<http://www.mass.gov/dps/Trench.htm>

### **OSHA releases interesting statistics on Top 10 Violations:**

1. Scaffolding-General Requirements with **6,587** violations
2. Hazard Communication with **5,382** violations
3. Fall Protection-General Requirements with **4,091** violations
4. Lockout/Tagout with **3,312** violations
5. Respiratory Protection with **3,033** violations
6. Electrical-Wiring Methods, Components, and Equipment for General Use with **2,465** violations
7. Machine Guarding-General Requirements with **2,441** violations
8. Powered Industrial Trucks with **2,298** violations
9. Mechanical Power Transmission Apparatus with

**1,777** violations

10. Electrical-General Requirements with **1,770** violations.

(From OSHA data collected through June 30, 2004. Full year data due in December)

## **HURRICANE VOLUNTEER REQUEST UPDATE**

In the last issue of the Beanpot Magazine it was noted that the National Oceanic & Atmospheric Administration forecasted that the 2004 Atlantic hurricane season will produce more than the average number of storms. Florida has already had 4 major hurricanes. FEMA is looking for assistance!

This is an excellent opportunity for volunteers and members to participate first hand in this type of recovery effort. Volunteers need not be chapter employees, but interested persons who meet the criteria and are willing to assist in the effort in Florida.

**For more information on how you volunteer please contact:**

Donna Fredenhagen  
Manager, National Programs and Initiatives  
Ext. 2369

[fredenhd@nsc.org](mailto:fredenhd@nsc.org)

For more information on hurricanes you can visit: NOAA Hurricane information Center at:

<http://hurricanes.noaa.gov/>

## **DO YOU HAVE A TEEN BEHIND THE WHEEL?**

**By David T. Crowley, CSP, CET, CHMM**

Drivers that drive stink. Watch out for the other guy. Teens and motor vehicles can be a deadly mix. All of these adages hit home with most safety professionals. If you have ever been a defensive driving instructor, you know where I'm coming from. If you are a parent of a recently licensed teen driver or one that is enrolled in a driver education program then we might share the same nightmare fear of being met at the front door of

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my home by a law officer delivering the news that one of my kids has been involved in an automobile accident. No, I don't consider myself a "fraidy cat" or one that is afraid of my own shadow. I am merely a concerned parent that strives to do everything possible to make sure my kids are safe.

Look both ways crossing the street. Hold onto the railing. It's relatively simple to ingrain standard safety precautions to toddlers and young kids that are in elementary school. When children turn into teens they become mini-adults. Things like decisions about motor vehicle safety become much more difficult to influence compared to convincing a young child why they shouldn't run with scissors. Statistics clearly indicate that motor vehicle crashes are the leading cause of death in youths between the ages of 16 - 20 years old according to the National Safety Council. These are startling statistics that should motivate all safety professionals and parents of teens to take action.

Back several years ago a friend had passed along a handy article to me that came from "Dear Abby". This same article is presented below as a means of sharing a great idea that can aid in sparing any family the experience anguish or sorrow resulting from a collision gone badly. Please consider posting this in your office or passing it along to a family friend, neighbor or relative.

\*\*\*\*\*

**Dear Abby:** Being the parents of a 16 year old who has just passed his driver's license exam, we feel that other parents are also apprehensive about their child's newly found freedom, and perhaps would like to ease some of that anxiety by drawing up a contract as we did. It has worked well for us as our son appears to be a very cautious driver so far. signed "Safe Driver"

**DRIVING AGREEMENT**

I, \_\_\_\_\_, on this day, do agree to the stipulations stated below rendering me the privilege of driving my parent's car(s). If I violate the agreement, I understand that my driving privileges will be forfeited to the extent and degree of the violation involved.

1. Should I get a traffic violation or citation, I agree to pay for the ticket as well as the difference in the automobile insurance premium.

2. I agree to pay for damages that I incur not covered by our automobile insurance policy.
3. At no time will I ever drink alcoholic beverages and drive, nor will I allow alcohol to be in the car while I am driving.
4. I will never transport more passengers that there are seat belts, all passengers must be buckled up.
5. I will keep the car that I drive clean, and I will be aware of its need for gas, oil and/or windshield washing fluid, etc.

I have read this agreement and agree to abide by the rules that are listed above.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

**GREATER BOSTON  
CHAPTER WELCOMES  
NEW MEMBERS!**



Justin E. Brown  
Carlene R Galvin  
Kirk N Morris  
Daniel E. Morrison  
Robert J. Sestito  
Elliot Stein

## ASSE Calendar of Events ~ June '04 to July '05

6/23/04 5:30 PM	✓ ASSE/ACHMM JOINT MEETING "BOSTON ON FIRE"	BEST WESTERN - WALTHAM
6/7 - 11/04	✓ Annual ASSE National PDC & Expo	Las Vegas, NV
7/13/04 4:00 PM	✓ Board of Directors-Annual Change Over Meeting	Suffolk Construction - Boston
8/10/04 7:30 AM	✓ Executive Committee Meeting	Teleconference
9/23/04 8:30 AM	✓ 5 <sup>th</sup> Annual BOSGO (our annual golf outing)	New England CC -Bellingham MA
10/19/04 4:00 PM	Board of Directors Meeting	Best Western - Waltham
10/19/04 5:30 PM	Technical Meeting "Fire Investigation 101"	Best Western - Waltham
11/16/04 4:00 PM	Executive Committee Meeting	Crown Plaza - Woburn (tent.)
11/16/04 5:30 PM	Technical Meeting "OSHA's New VPP Program"	Crown Plaza - Woburn (tent.)
11/30-12/1	ASSE New England AREA PDC	Mystic, CT
12/04	No meeting plans in December	N/A
1/11/05 4:00 PM	Board of Directors Meeting	128 beltway area - TBD
1/11/05 5:30 PM	Technical Meeting w/AIHA "EHS + Ethics"	128 beltway area - TBD
2/8/05 4:00 PM	Executive Committee Meeting	Best Western - Waltham (tent.)
2/8/05 5:30 PM	Technical Meeting w/ACHMM "EPA + DEP Update"	Best Western - Waltham (tent.)
3/15/05 4:00 PM	Executive Committee Meeting	Ocean State Section - TBD
3/15/05 5:30 PM	Technical Meeting - "Boiler Safety 101"	Ocean State Section - TBD
3/15-17/05	Our Annual ASP/CSP Review Course	EMC Hopkington MA
4/6 or 4/7 8AM - 12N	ASSE ½ day PDC @ NE Plant & Maintenance Show	Commonwealth Pier Expo Ctr.
4/6 or 4/7	Executive Committee Meeting after PDC	Commonwealth Pier Expo Ctr.
5/05	Annual Science Fair for High School Students	MIT Campus/Cambridge MA
5/14/05	Annual Social and Chapter Elections - Red Sox	Fenway Park/Boston (tent.)
6/12-15/05	Annual ASSE Conference	New Orleans, LA
6/21/05	Technical Meeting - Liberty Mutual Tour	Hopkington MA Research Ctr.
7/12/05 4:00pm	Board of Directors-Annual Change Over Meeting TBD	

Requirement for STARS = 8 meetings per year (minimum of 6 with technical content)  
All proposed events listed = 11 total meetings (9 with technical content)

## NEWSLETTER ARTICLES AND SUBMISSIONS

Please submit articles for the **December/January** newsletter by **November 15!** Please forward all articles to: [edorgan1515@yahoo.com](mailto:edorgan1515@yahoo.com). Please make sure to include "ASSE" in the subject box!